

T1: Basic and Experimental Science

Poster Session

May 18, 2017

- T1P1 A novel adipokine progranulin augments NO-mediated vasorelaxation in hydrogen sulfide-dependent manner
Jerzy Beltowski¹ (¹Department of Pathophysiology, Medical University, Lublin, Poland)
- T1P2 Abdominal Obesity in Algerian students
Dahel-Mekhancha Corinne¹, Karoune Rabiaa¹, Mekhancha Djamel-Eddine¹, Nezzal Lahcène¹ (¹ALNUTS - Université Constantine Algérie)
- T1P3 Accuracy of predictive equations for estimating Resting Energy Expenditure in extreme obese females
Rosa Sammarco¹, Maurizio Marra¹, Carmela De Caprio¹, Eufemia Silvestri¹, Olivia Di Vincenzo¹, Franco Contaldo¹, Fabrizio Pasanisi¹ (¹Department of Clinical Medicine and Surgery, Federico II University)
- T1P4 Adiponectin and glucose metabolism in obese women
Luisa Veiga¹, Miguel Brito¹, Ana Oliveira¹, Jose Silva Nunes² (¹Escola Superior de Tecnologia da Saúde de Lisboa, Portugal , ²Centro Hospitalar de Lisboa Central, EPE)
- T1P5 Adiponectin and vitamin D in obese patients
Muscurel Corina¹, Atanasiu Valeriu¹, Stoian Irina¹, Gaman Laura¹, Petran Madalina¹, Cristea Bogdan¹, Stroica Laura¹ (¹“Carol Davila” University of Medicine and Pharmacy)
- T1P6 Adipose tissue gene expression level in mitochondrial pathways associates with weight loss success
Riikka Jokinen¹, Rita Rinnankoski-Tuikka², Sanna Kaye¹, Lilli Saarinen³, Meri Myöhänen¹, Elisabeth Rappou¹, Aila Rissanen¹, Vidya Velagapudi⁴, Kirsi Virtanen⁵, Eija Pirinen², Kirsi H. Pietiläinen¹ (¹Obesity Research Unit, Research Programs Unit, Diabetes and Obesity, University of Helsinki, Finland , ²Research Programs Unit, Molecular Neurology, University of Helsinki, Helsinki, Finland , ³Research Programs Unit, Genome-Scale Biology, Faculty of Medicine, University of Helsinki, Helsinki, Finland , ⁴Metabolomics Unit, Institute for Molecular Medicine Finland FIMM, University of Helsinki, Finland . ⁵Turku PET Centre, Turku University Hospital and University of Turku, Finland)
- T1P7 Adrenergic induction of beige adipocytes in white adipose tissue is attenuated with aging in mice
Woongchul Shin¹, Yuko Okamatsu-Ogura¹, Ken Machida¹, Ayumi Tsubota¹, Junko Nio-Kobayashi², Kazuhiro Kimura¹ (¹Department of Biomedical Sciences, Graduate School of Veterinary Medicine, Hokkaido University, Sapporo, Japan , ²Laboratory of Histology and Cytology, Graduate School of Medicine, Hokkaido University, Sapporo, Japan)
- T1P8 Age dynamics of adipose tissue accumulation and obesity types formation in men and women
Pinkhasov Boris¹, Deev Denis¹, Mohova Iraida¹, Lutov Yuri¹, Kuzminova Olga¹, Selyatitskaya Vera¹ (¹Scientific Centre Of Experimental And Clinical Medicine)
- T1P9 An artificial neural network to predict resting energy expenditure in obesity
BETRY Cécile¹, DISSE Emmanuel², LEDOUX Séverine³, CAUSSY Cyrielle², MAITREPIERRE Christine⁴, COUPAYE Muriel³, LAVILLE Martine², SIMON Chantal² (¹Hospices Civils De Lyon , ²Hospices Civils De Lyon, Centre Intégré de l'Obésité Rhone Alpes, CRNH-RA, Laboratoire Carmen , ³CINFO, AP-HP , ⁴CRNH-RA)
- T1P10 Anti-obesigenic effects of OBEX in mice fed with high fat diet and 3T3-F442A cell line.
Andrea Gonzalez Izquierdo¹, Sara Sousa Andrade¹, Cintia Folgueira², Eduardo Sanz³, Ana Belen Crujeiras⁴, Felipe Casanueva⁵, Marcos Carreira¹ (¹CIBERobn , ²IDIS , ³Catalysis , ⁴CHUS, Fundación Ramón Dominguez, CIBERobn , ⁵USC, CIBERobn)

- T1P11 Appetite Reduction in Overweight Adults after using Redusure™ (IQP-AK-102), a Proprietary Composition of Soluble Dietary Fibres
Udo Bongartz¹, Ralf Uebelhack¹, Felix Alt¹, Barbara Grube², Pee-Win Chong³, JooLian Khoo³, Emily Teng³ (¹Analyze & Realize GmbH , ²Practice for General Medicine , ³InQpharm Europe Ltd.)
- T1P12 Associate Professor
ANA DÂMASO¹, RAQUEL MUNHOZ DA SILVEIRA CAMPOS², DEBORAH CRISTINA LANDI MASQUIO³, MARCELA SENE-FIORESE², FERNANDA OLIVEIRA DUARTE², ANTONIO EDUARDO DE AQUINO JUNIOR⁴, LIAN TOCK⁵, VANDERLEI SALVADOR BAGNATO⁴, NIVALDO ANTONIO PARIZOTTO² (¹UNIVERSIDADE FEDERAL DE SAO PAULO , ²FEDERAL UNIVERSITY OF SAO CARLOS , ³FEDERAL UNIVERSITY OF SAOPAULO , ⁴UNIVERSITY OF SAO PAULO , ⁵WEIGHT SCIENCE)
- T1P13 Association between Body Fat and Bone Mineral Density in Normal-Weight Middle-Aged Koreans
Min-Kyu Choi¹, Donghyun Kim¹ (¹Department of Family Medicine Hallym Sacred Heart Hospital)
- T1P14 Association of FTO and apelin gene expression with dietary glycemic index and glycemic load among morbid obese and non-obese subjects
Mohammad Safarian¹, Emad Yuzbashian², Maryam Zarkesh³, Golaleh Asghari², Parvin Mirmiran², Behnaz Mahmoodi², Mehdi Hedayati³, Afsoon Daneshafrooz³, Alireza Khalaj⁴ (¹Biochemistry of Nutrition Research Center, School of Medicine, Mashhad University of Medical Sciences, Mashhad, Iran , ²Nutrition and Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran , ³Cellular and Molecular Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran . ⁴Tehran Obesity Treatment Center, Department of Surgerv, Shahed University, Tehran, Iran)
- T1P15 Associations between serum osteocalcin level and insulin resistance
Jee-Hyun Kang¹ (¹Dept. of family physician, Konyang Univ. Hospital)
- T1P16 Associations between the saliva microbiota and body size among 9-12 year old Finnish girls
Sajan raju¹, Elisabete Weiderpass², Trine B. Rounge³ (¹Folkhälsan Research Center, Helsinki, Finland , ²Folkhälsan Research Center, Helsinki, Finland. Cancer Registry of Norway, Oslo, Norway. Karolinska Institutet, Stockholm, Sweden. University of Tromsø, The Arctic University of Norway, Tromsø, Norway. , ³Folkhälsan Research Center, Helsinki, Finland. Cancer Registry of Norway, Oslo, Norway.)
- T1P17 Baicalin attenuated high-fat induced weight gain in C57BL/6 mice via hypothalamic appetite regulation
Yu-Sik Kim¹, Ji sun Nam¹, Chul Woo Ahn¹, Kyung Rae Kim¹, Jong Suk Park¹, Sang Bae Lee¹, Ji Hong You¹, Kahui Park¹, Jung Hye Kim¹, Su Jeong Park¹, Da-Woon Han¹, Bomin Koh¹ (¹Gangnam Severance Hospital, School of Medicine, Yonsei University)
- T1P18 Beneficial effects of Tucum-do-Pantanal (Bactris setosa Mart) extract on diet induced obesity, liver steatosis and insulin resistance in C57BL/6J mice
C.R. Ballard¹, E.F. Santos², M.J. Dubois³, G. Pilon³, C.B.B. Cazarin¹, A. Marette³, M.R. Maróstica Jr.¹ (¹University of Campinas , ²Federal University Of Mato Grosso do Sul , ³Université Laval)
- T1P19 Biotransformed citrus residue act as an anti-inflammatory in co-culture of 3T3-L1 and RAW 264.7
Vânia Mayumi Nakajima¹, Amanda Rejane Alves de Ávila¹, Gabriela Alves Macedo¹, Juliana Alves Macedo¹ (¹University of Campinas)
- T1P20 Body mass index is associated with region-dependent metabolic reprogramming of adipose tissue beyond insulin influence
Marco G Alves, PhD¹, Angela Moreira, MSc¹, Marta Guimaraes, MD, PhD², Mario Nora, MD², Mario Sousa, MD, PhD¹, Pedro F. Oliveira, PhD³, Mariana Monteiro, MD, PhD⁴ (¹UMIB-ICBAS, UP , ²Department of General Surgery of Hospital São Sebastião, Centro Hospitalar de Entre o Douro e Vouga, Portugal , ³UMIB-ICBAS, UP & i3S & FMUP , ⁴University College of London UK & UMIB-ICBAS, UP)

- T1P21 Body proportion (relative leg length) has a moderator effect on fat-free mass and resting energy expenditure relationship
Catarina Santos Silva¹, Júlia Teles¹, Isabel Fragoso¹ (¹Faculty of Human Kinetics, University of Lisbon)
- T1P22 Capsinoids increase energy expenditure without overt 18 F-FDG uptake in humans proven BAT-positive by cold stimulation using PET scanning
Lijuan Sun¹, Stefan G. Camps¹, Hui Jen Goh², Priya Govindharajulu¹, Joshua Schaefferkoetter³, Sanjay Kumar Verma⁴, Suresh Anand Sadananthan¹, John Totman⁵, Velan Sambasivam Sendhil⁴, David W. Townsend⁶, Melvin Khee-Shing Leow⁷ (¹Singapore Institute for Clinical Sciences, A*STAR, Singapore , ²Singapore Institute for Clinical Sciences, A*STAR,Singapore , ³Clinical Imaging Research Center, A*STAR,Singapore , ⁴Singapore Bioimaging Consortium, A*STAR,Singapore , ⁵Clinical Imaging Research Center, A*STAR,,Singapore , ⁶Clinical Imaging Research Center, A*STAR, Singapore , ⁷Tan Tock Seng Hospital, Singapore Institute for Clinical Sciences, A*STAR.Singapore)
- T1P23 Carbohydrate intake is associated with higher apelin gene expression in visceral and subcutaneous adipose tissues
Emad Yuzbashian¹, Maryam Zarkesh^{1,2}, Golaleh Asghari³, Behnaz Mahmoodi³, Parvin Mirmiran³, Mehdi Hedayati², Mohammad Safarian⁴, Afsoon Daneshafrooz², Alireza Khalaj⁵ (¹Nutrition and Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, and Student Research Committee, Biochemistry of Nutrition Research Center, School of Medicine, Mashhad University of Medical Sciences, Mashhad, Iran , ²Cellular and Molecular Endocrine Research Center, Nutrition and Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran , ³Nutrition and Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran , ⁴Biochemistry of Nutrition Research Center, School of Medicine, Mashhad University of Medical Sciences, Mashhad, Iran , ⁵Obesity Treatment Center, Department of Surgery, Shahed University, Tehran, Iran)
- T1P24 Cariprazine influence on PPAR- γ expression during in vitro adipogenesis
Kolcsár Melinda¹, Gáll Zsolt¹, Páll József-Attila², Tábi Tamás³, Kun Imre Zoltán⁴ (¹Department of Pharmacology and Clinical Pharmacy, University of Medicine and Pharmacy of Tîrgu Mures, Romania , ²Student of the Faculty of Pharmacy, University of Medicine and Pharmacy of Tîrgu. Mures, Romania , ³Department of Pharmacodynamics, Faculty of Pharmacy, Semmelweis University Budapest, Hungary , ⁴Doctoral School, University of Medicine and Pharmacy of Tîrgu Mures, Romania)
- T1P25 Cell type specific inhibition of co-stimulatory CD40 interactions in obesity
Suzanne Aarts¹, Susan van den Berg¹, Myrthe den Toom¹, Annelie Shami¹, Esther Lutgens¹ (¹Department of Medical Biochemistry, Academic Medical Center, University of Amsterdam)
- T1P26 Chronic mild-cold exposure promotes weight gain in obese rats raised at thermoneutrality
Peter Aldiss¹, Jo E Lewis², Fran JP Ebling², Helen Budge¹, Michael E Symonds¹ (¹The Early Life Research Unit, Academic Division of Child Health, School of Medicine, University of Nottingham, Nottingham, NG7 2UH , ²School of Life Sciences, University of Nottingham Medical School, Queen's Medical Centre, Nottingham NG7 2UH)
- T1P27 Circulating MOTS-c (a mitochondrial-released peptide) concentration is similar in lean/insulin-sensitive and obese/insulin-resistant humans
Rodrigo Cataldo¹, Jose Luis Santos¹, Jose Galgani¹ (¹Pontificia Universidad Catolica de Chile)
- T1P28 Cognitive function in bariatric surgery versus non-surgical patients for obesity
Junko Matsumoto¹, Yoshiyuki Hirano², Aya Kitahara³, Hirotake Tokuyama⁴, Masaya Yamaga³, Takumi Kitamoto³, Koutaro Yokote³ (¹Department of Regional Disaster Medicine, Graduate School of Medicine, Chiba University , ²Research Center for Child Mental Development, Chiba University , ³Department of Clinical Cell Biology and Medicine, Graduate School of Medicine, Chiba University , ⁴Department of Advanced Aging Medicine, Graduate School of Medicine, Chiba University)
- T1P29 Comparable effects of breakfast meals varying in protein source on appetite and subsequent energy intake in healthy males

Anestis Dougkas¹, Elin Ostman² (¹Institut Paul Bocuse , ²Food for Health Science Centre, Lund University)

- T1P30
Contribute of Cognitive Reserve for Weight Loss in Severely Obese Treatment
Olga Ribeiro¹, Isabel do Carmo², Maria João Fagundes², José Góis Horácio¹, Maria Luísa Figueira³, Teresa Paiva⁴ (¹Neuropsychology Unit of Hospital de Egas Moniz, Lisbon , ²Endocrinology, Diabetes and Metabolism Service, Hospital de Santa Maria, Lisbon , ³Psychiatric Department, Hospital de Santa Maria, Lisbon , ⁴CENC – Sleep Medicine Center, Lisbon)
- T1P31
DEPLETION OF THE SMALL GTPASE RAB4B IN T CELLS LEADS TO ADIPOSE TISSUE DYSFUNCTION AND INSULIN RESISTANCE
GILLERON Jérôme¹, BOUGET Gwennaelle¹, IVANOV Stoyan², VERGONI Bastien¹, YVAN-CHARVET Laurent², VENTECLEF Nicolas³, TANTI Jean-François¹, CORMONT Mireille¹ (¹Université Côte d'Azur, INSERM U1065, C3M, Team « Cellular and Molecular Physiopathology of Obesity and Diabetes », Nice, France , ²Université Côte d'Azur, INSERM U1065, C3M, Team «Metabolism and cancer », Nice France , ³Université Pierre et Marie-Curie, INSERM U1138, Cordeliers Research Center, Paris, France)
- T1P32
Determination of brown adipose tissue activity in mice using a new hyperpolarized [1-13C] pyruvate MRI method
Mette Ji Riis-Vestergaard¹, Peter Breining¹, Steen Bønløkke Pedersen¹, Christoffer Laustsen², Per Borghammer³, Bjørn Richelsen¹ (¹Department of Endocrinology and Internal Medicine, Aarhus University Hospital , ²MR Research Center, Institute of Clinical Medicine, Aarhus University , ³Department of Clinical Physiology and Nuclear Medicine, Aarhus University Hospital)
- T1P33
Dietary n-3 fatty acids as phospholipids improve insulin sensitivity of the liver and skeletal muscle in dietary obese mice
Martin Rossmeis¹, Jana Pavlisova¹, Petra Kucharikova¹, Veronika Kalendova¹, Jan Kopecky¹ (¹Institute of Physiology, Czech Academy of Sciences)
- T1P34
Different combinations of maternal and postnatal diet are reflected in changes of hepatic parenchyma and hepatic TNF-alpha expression in male rat offspring
Željka Perić Kačarević¹, Anđela Grgić¹, Darija Šnajder², Marina Bakula³, Nikola Bijelić⁴, Igor Lekšan¹ (¹Faculty of Medicine University of Osijek, Department of Anatomy and Neuroscience, Osijek, Croatia , ²University Hospital Center Osijek, Clinical Department for Nuclear Medicine and Radiation Protection, Osijek, Croatia , ³University Hospital Center Osijek, Institute of Pathology, Osijek, Croatia , ⁴Faculty of Medicine University of Osijek, Department of Histology and Embryology, Osijek, Croatia)
- T1P35
Differential expression of miRNAs related to angiogenesis and adipogenesis in subcutaneous fat of obese and non-obese women
Aline S. Gasparotto¹, Diego O. Borges², Marina G. M. Sassi¹, Adriana Milani³, Darwin L. Rech³, Marcia Terres³, Pedro B. Ely³, Maurício J. Ramos⁴, Nelson Guardiola Meinhardt⁴, Vanessa S. Mattevi¹ (¹Universidade Federal de Ciências da Saúde de Porto Alegre , ²Chronic Diseases Research Center - NOVA Medical School , ³Irmandade Santa Casa de Misericórdia de Porto Alegre , ⁴Hospital Nossa Senhora da Conceição)
- T1P36
Disturbed NK cell function in obesity is associated with an increased colon tumor risk
Ina Bähr¹, Vincent Goritz¹, Henriette Doberstein¹, Heike Kielstein¹ (¹Institute of Anatomy and Cell Biology, Martin Luther University Halle-Wittenberg)
- T1P37
Do different protein intakes influence body composition and muscle function in obese rats?
Fanny Rossignon¹, Vincent Martin², Jerome Salles³, Veronique Patrac³, Olivier Le Bacquer³, Christophe Giraudet³, Sebastien Ratel², Carla Domingues Faria¹, Yves Boirie¹, Christelle Guillet¹ (¹University Clermont Auvergne, UMR1019 , ²University Clermont Auvergne, EA3533 , ³INRA, UMR1019)
- T1P38
Does fatness exacerbate frailty? The effects of age and dietary-induced obesity on the contractile function of isolated locomotory and respiratory skeletal muscles
Cameron Hill¹, Rob S. James¹, Val M. Cox¹, Jason Tallis¹ (¹Centre for Applied Biological and Exercise Sciences, Faculty of Health and Life Sciences, Coventry University, Coventry, CV1 5FB, U.K)

- T1P39 Effect of consumption chronic of high fat diet on the role of central glucose in production control hepatic glucose.
Andrade IS¹, Freitas NTM¹, Sousa IF¹, Nascimento CMO¹, Oyama LM¹, Ribeiro EB¹ (¹Federal University of São Paulo)
- T1P40 Effect of diet-induced weight loss on angiopoietin-like protein 4 and adipose tissue lipid metabolism in overweight and obese humans
Birgitta W. van der Kolk¹, Roel G. Vink¹, Johan W.E. Jocken¹, Gijs H. Goossens¹, Nadia J.T. Roumans¹, Edwin C.M. Mariman¹, Marleen A. van Baak¹, Ellen E. Blaak¹ (¹Department of Human Biology and Movement Sciences, NUTRIM School of Nutrition and Translational Research in Metabolism, Maastricht University, Maastricht, The Netherlands)
- T1P41 Effect of High Intensity Interval Training and Diet on Concentrations of Vaspin in Rats fed with Hyperlipidic Diet
Leandro Ribeiro Costa¹, Cynthia Aparecida de Castro¹, Felipe Rodrigues Silva¹, Marcela Sene-Fiorese¹, Fernando Fabrizzi¹, Fernanda de Freitas Anibal¹, Ana Cláudia Garcia de Oliveira Duarte¹, Vanessa de Oliveira Furino² (¹Federal University of São Carlos , ²)
- T1P42 Effect of intermittent fasting on the expression of SREBP 1c and 2 and acetyl CoA carboxylase in the hypothalamus of female rat
Mariana A.R. Fernandez¹, Carlos M.C. Vilca¹, Amanda Pedroso², Leonardo P. Cinelli¹, Leandro O. Batista¹, Kelse T. Albuquerque¹ (¹Universidade Federal do Rio de Janeiro , ²Universidade Federal de São Paulo)
- T1P43 Effect of phosphorus supplementation on diet induced thermogenesis of a normal protein-low phosphorus meal.
Abdouni L¹, Olabi A¹, Obeid O¹ (¹American University of Beirut)
- T1P44 Effect of vitamin D on muscle mitochondria size and function in high fat diet-induced obese rats and palmitic acid-treated C2C12 cells
Eugene Chang¹, Yoonjin Shin¹, Seohyun Lee¹, Sunyoon Jung¹, Yangha Kim¹ (¹Department of Nutritional Science and Food Management, Ewha Womans University)
- T1P45 Effects of high-fat feeding on liver proteome of an ovariectomized rat model
Amanda Paula Pedroso¹, Ana Paula Segantine Dornellas², Valter Tadeu Boldarine¹, Lila Missae Oyama¹, Claudia Maria da Penha Oller do Nascimento¹, Alexandre Keiji Tashima¹, Eliane Beraldi Ribeiro¹ (¹Universidade Federal de São Paulo , ²Universidade Federal do Paraná)
- T1P46 Effects of peripherally acting neuropeptide Y receptor antagonists BIBO3304 and BIIE0246 on obesity
Liisa Ailanen¹, Laura Vähätalo¹, Henriikka Salomäki¹, Suvi Ruohonen¹, Eriika Savontaus² (¹Department of Pharmacology, Drug Development and Therapeutics and Turku Center for Disease Modeling, University of Turku, Turku, Finland , ²Department of Pharmacology, Drug Development and Therapeutics and Turku Center for Disease Modeling, University of Turku, Turku, Finland; Unit of Clinical Pharmacology, Turku University Hospital, Turku, Finland)
- T1P47 Effects of two long bouts of aerobic exercise on energy expenditure and appetite during an oral glucose tolerance test
Normand Boule¹, Saeed Reza Toghi Eshghi¹, Étienne Myette-Côté² (¹University of Alberta , ²University of British Columbia)
- T1P48 Elevated M30 and L-FABP concentrations in morbid obesity decrease after dramatic weight loss due to bariatric surgery
Anne Christin Meyer-Gerspach¹, Bettina K. Wölnerhanssen¹, Alina Senn², Michael Moor³, Stefan Borgwardt⁴, Ralph Peterli⁵, Christoph Beglinger¹, Oliver Bieri³ (¹Department of Research, St. Claraspital Basel, Basel, Switzerland , ²Department of Biomedicine, University Hospital Basel, Basel, Switzerland , ³Department of Radiology, University Hospital Basel, Basel, Switzerland , ⁴Department of Psychiatry, University Hospital Basel Basel, Switzerland , ⁵Department of Surgery, St. Claraspital Basel, Basel, Switzerland)
- T1P49 Emerging inflammation and dysbiosis caused by a high fat diet administration in zebrafish

Nerea Arias Jayo¹ (¹Azti Tecnalia)

- T1P50 EVALUATION OF INDIRECT CALORIMETRY IN SUBJECTS WITH EXTREME OBESITY
Enzamaría Fidilio¹, Mireia Guerrero¹, Mayra Velásquez¹, Ángel Ortiz¹, Miguel Giribes¹, Guillermo Cardenas¹, J.M Balibrea², Rosa Burgos¹, Jordi Mesa¹, J.M Fort², Andreea Ciudin¹ (¹Endocrinology and Nutrition Department, Vall d'Hebron University Hospital, Barcelona, Spain , ²Endocrine and Metabolic Surgery Department, Vall d'Hebron University Hospital, Barcelona, Spain)
- T1P51 Exercise training modulates inflammation in rats with metabolic syndrome and heart failure with preserved ejection fraction
Cristine Schmidt¹, Nádia Gonçalves², Ana Filipa Silva², João Coelho², Dulce Fontoura², Sara Leite², Daniela Miranda-Silva², Inês Falção-Pires², André Lourenço², José Oliveira¹, Adelino Leite-Moreiro², Daniel Moreira-Gonçalves¹ (¹CIAFEL, Faculty of Sport, University of Porto , ²Surgery and Physiology Department, Faculty of Medicine, University of Porto)
- T1P52 Fat Free Mass predicts Resting Energy Expenditure in extreme obese females patients
Maurizio Marra¹, Rosa Sammarco¹, Valeria Amato¹, Marianna Naccarato¹, Michele Onufrio¹, Franco Contaldo¹, Fabrizio Pasanisi¹ (¹Department of Clinical Medicine and Surgery, University Federico II)
- T1P53 Fat overshooting during weight regain in humans: its relationship with adiposity before weight loss
Philippe Jacquet¹, Jean Jacquet¹, Abdul G Dulloo¹ (¹Department of Medicine, Division of Physiology, University of Fribourg, Switzerland)
- T1P54 Gastrointestinal sensing of xylitol, erythritol and glucose affects brain networks associated with appetite regulation
Bettina K. Wölnerhanssen¹, Davide Zanchi², Jens F. Rehfeld³, Carel le Roux⁴, Stefan Borgwardt⁵, Christoph Beglinger¹, Anne Christin Meyer-Gerspach¹ (¹Department of Research, St. Claraspital Basel, Basel, Switzerland , ²Department of Psychiatry, University Hospital Basel , ³Department of Clinical Biochemistry, Rigshospitalet, University of Copenhagen , ⁴Diabetes Complications Research Centre, Conway Institute, University College Dublin , ⁵Department of Psychiatry, University Hospital Basel Basel, Switzerland)
- T1P55 Genetic dissection of brown adipose tissue function in spontaneously hypertensive rats
Michal Pravenec¹, Vaclav Zidek¹, Vladimír Landa¹, Petr Mlejnek¹, Jan Silhavy¹, Miroslava Simakova¹, Hynek Strnad², Ludmila Kazdová³, Vojtech Skop³, Tomas Mracek¹, Josef Houstek¹ (¹Institute of Physiology, Czech Academy of Sciences, Prague, Czech Republic , ²Institute of Molecular Genetics, Czech Academy of Sciences, Prague, Czech Republic , ³Institute for Clinical and Experimental Medicine, Prague, Czech Republic)
- T1P56 Ghrelin, leptin and glp-1 as modulators of the nutritional support of spermatogenesis
Ana D Martins, MSc¹, Bruno P Moreira, MSc², Alberto Barros, MD, PhD³, Mario Sousa, MD, PhD¹, Mariana Monteiro, MD, PhD⁴, Pedro F. Oliveira, PhD⁵ (¹UMIB-ICBAS, UP , ²CICS-UBI & UMIB-ICBAS UP , ³Reproductive Genetics Clinic Prof. Alberto Barros , ⁴University College of London, UK & UMIB-ICBAS, UP , ⁵UMIB-ICBAS, UP & i3S & FMUP)
- T1P57 Habitual physical activity and apelin gene expression in visceral and subcutaneous adipose tissues among morbid obese and non-obese subjects
Behnaz Mahmoodi¹, Emad Yuzbashian¹, Maryam Zarkesh², Golaleh Asghari¹, Mohammad Safarian³, Mehdi Hedayati², Parvin Mirmiran¹ (¹Nutrition and Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran , ²Cellular and Molecular Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran , ³Biochemistry of Nutrition Research Center, Department of Biochemistry and Nutrition Sciences, School of Medicine, Mashhad University of Medical Sciences. Mashhad. Iran)
- T1P58 HEPATIC LIPOGENESIS, BETA-OXIDATION AND AUTOPHAGY ARE MODULATED BY ACYLATED AND DESACYL GHRELIN - ROLE IN NAFLD RESOLUTION AFTER SLEEVE GASTRECTOMY IN DIET-INDUCED OBESE RATS

Silvia Ezquerro¹, Leire Méndez-Giménez¹, Sara Becerril², Rafael Moncada³, Víctor Valenti⁴, Victoria Catalán¹, Javier Gómez-Ambrosi¹, Gema Frühbeck⁵, Amaia Rodríguez¹ (¹Metabolic Research Laboratory, Clínica Universidad de Navarra, IdiSNA, Pamplona, Spain , ²CIBER Fisiopatología de la Obesidad y Nutrición (CIBEROBN), Instituto de Salud Carlos III, Madrid, Spain , ³Department of Anesthesia, Clínica Universidad de Navarra, IdiSNA, Pamplona, Spain , ⁴Department of Surgery, Clínica Universidad de Navarra, IdiSNA, Pamplona, Spain , ⁵Department of Endocrinology & Nutrition, Clínica Universidad de Navarra, IdiSNA, Pamplona, Spain)

- T1P59 Hepatic Steatosis is Associated with Lower Prior Health Care Burden in Visceral Obesity
Thobias Romu¹, Jennifer Linge², Magnus Borga¹, Janne West¹, Jimmy D. Bell³, Olof Dahlqvist Leinhard¹ (¹Advanced MR Analytics AB; Linköping University , ²Advanced MR Analytics AB , ³University of Westminster)
- T1P60 Hesperidin treatment reduces excess body weight gain and metabolic alterations associated with the intake of an obesogenic diet in rats
Mosqueda-Solis Andrea¹, Sánchez Juana², Palou Andreu², María P. Portillo¹, Picó Catalina² (¹Nutrition and Obesity Group. Dpt. Nutrition and Food Science. Faculty of Pharmacy. University of the Basque Country (UPV/EHU) , ²Laboratory of Molecular Biology, Nutrition and Biotechnology (LBNB), University of the Balearic Islands (UIB))
- T1P61 Histomorphological and Molecular Characterization of the infrapatellar adipose body
Hamza El Hadi¹, Marnie Granzotto¹, Marta Favero², Elisa Belluzzi², Andrea Porzionato³, Gloria Sarasin³, Claudio Iacobellis⁴, Chiara Giulia Fontanella⁵, Roberto De Caro³, Roberto Vettor¹, Veronica Macchi³, Marco Rossato¹ (¹Department of Medicine - DIMED, Clinica Medica 3, University of Padova, School of Medicine, Padova, Italy , ²Rheumatology Unit, Department of Medicine - DIMED, University Hospital of Padova, Italy , ³Institute of Human Anatomy, Department of Molecular Medicine, University of Padova, Italy , ⁴Orthopaedic Clinic, Department of Surgery, University-Hospital of Padova. Italv . ⁵Centre for Mechanics of Biological Materials. University of Padova. Italv)
- T1P62 How does weight loss affect appetite? A systematic review and meta-analysis
Jessica Ann Roekenes¹, Anna Størseth Lyngstad¹, Signe Sørensen Torekov², Amanda Sainsbury³, Mette Svendsen⁴, Catia Martins¹ (¹Department of Cancer Research and Molecular Medicine, Faculty of Medicine and Health Sciences, Norwegian University of Science and Technology, Trondheim, Norway , ²Department of Biomedical Science, University of Copenhagen, Copenhagen, Denmark , ³The Boden Institute of Obesity, Nutrition, Exercise & Eating Disorders, The University of Sydney, Charles Perkins Centre, Sydney, New South Wales, Australia , ⁴Department of Endocrinology, Obesity and Preventive Medicine, Oslo University Hospital, Oslo, Norway)
- T1P63 Human subcutaneous adipose tissue does not secrete FGF21
M.A. van Baak¹, R.G. Vink¹, N. Roumans¹, E.C.M. Mariman¹ (¹Maastricht University Medical Centre+)
- T1P64 Human, donkey and cow milk differently affects insulin sensitivity by modulating skeletal muscle mitochondrial function, efficiency and dynamics
Gina Cavaliere*¹, Chiara De Filippo*¹, Eduardo Penna¹, Carmela Barbato¹, Heleena Moni Bottu¹, Marianna Crispino¹, Maria Pina Mollica¹, Giovanna Trinchese¹ (¹Department of Biology, University of Naples "Federico II")
- T1P65 Hypothalamic inflammatory makers and POMC are differentially regulated in response to dietary fats in obese prone as compared to obese resistant mice
Daniela Soares Razolli¹, Thiago Matos de Araújo¹, Licio Augusto Velloso¹ (¹State University of Campinas)
- T1P66 Hypothyroidism leads to leptin resistance in male Wistar rats
Desimira Mironova¹, Teodora Handjieva-Darlenska¹ (¹Medical University Sofia)
- T1P67 IL-32 levels are increased in obesity promoting adipose tissue inflammation and extracellular matrix remodelling

Victoria Catalán¹, Javier Gómez-Ambrosi¹, Amaia Rodríguez¹, Beatriz Ramírez¹, Víctor Valentí², Rafael Moncada³, Manuel F. Landecho⁴, Camilo Silva⁵, Javier Salvador⁵, Gema Frühbeck⁶ (¹Metabolic Research Laboratory, Clínica Universidad de Navarra, IdiSNA, CIBEROBN, Pamplona, Spain , ²Department of Surgery, Clínica Universidad de Navarra, IdiSNA, CIBEROBN, Pamplona, Spain , ³Department of Anesthesia, Clínica Universidad de Navarra, IdiSNA, CIBEROBN, Pamplona, Spain , ⁴Department of Internal Medicine, Clínica Universidad de Navarra, IdiSNA, Pamplona, Spain , ⁵Department of Endocrinology & Nutrition, Clínica Universidad de Navarra, CIBEROBN, Pamplona, Spain , ⁶Department of Endocrinology & Nutrition, Clínica Universidad de Navarra, IdiSNA, CIBEROBN, Pamplona, Spain)

- T1P68 Impact of breakfast skipping vs. dinner skipping on regulation of energy balance and metabolic risk
Alessa Nas¹, Franziska Hägele¹, Julia Kahlhöfer¹, Judith Keller¹, Russell Rising², Anja Bosy-Westphal¹ (¹University of Hohenheim , ²D & S Consulting Services Inc., New York)
- T1P69 In vitro evaluation of anti-lipogenic potential by biotransformed soy extracts
Amanda Rejane Alves de Ávila¹, Lívia Dias de Queirós¹, Tatiane Mayumi Ueta¹, Danielle Branta Lopes¹, Gabriela Alves Macedo¹, Juliana Alves Macedo¹ (¹University of Campinas)
- T1P70 Increased iFGF23 plasma levels in older obese patients with vitamin D deficiency
Michal Holecki¹ (¹Department of Internal Medicine and Metabolic Diseases, Medical University of Silesia, Katowice, Poland)
- T1P71 Influence of FTO rs9939609 on appetite, hunger and postprandial ghrelin on morbid obese women
Fernanda Cristina Carvalho Mattos Magno¹, Helena Chrispim Guaraná¹, João Régis Ivar Carneiro², Ana Carolina Proença da Fonseca³, Eliane Lopes Rosado¹ (¹Universidade Federal do Rio de Janeiro , ²Hospital Universitário Clementino Fraga Filho , ³Instituto Oswaldo Cruz – FIOCRUZ)
- T1P72 Influence of the SNP rs9939609 in the Fat Mass and Obesity-Associated (FTO) gene on satiety, food intake and leptinaemia of morbid obese women
Helena Chrispim Guaraná¹, Fernanda Cristina Carvalho Mattos Magno¹, João Régis Ivar Carneiro², Ana Carolina Proença da Fonseca³, Eliane Lopes Rosado¹ (¹Universidade Federal do Rio de Janeiro , ²Hospital Universitário Clementino Fraga Filho , ³Instituto Oswaldo Cruz – FIOCRUZ)
- T1P73 Insulin resistance is associated with increased mRNA expression of inflammation-related cytokines in both subcutaneous abdominal and visceral fat
V. Stich¹, L. Rossmeislova¹, M. Siklova¹, J. Kracmerova¹, V. Sramkova¹, M. Koc¹, E. Klimcakova¹, B. Roussel², N. Viguerie², D. Langin² (¹Third Faculty of Medicine, Charles University, Prague, Czech Republic , ²Institut des Maladies Métaboliques et Cardiovasculaires, Inserm Université Paul Sabatier, UMR1048, Toulouse, France)
- T1P74 Insulin sensitivity differentially alters body fat and its distribution in black and white women
Hendriena Victor¹, Julia Goedecke¹ (¹University of Cape Town)
- T1P75 Intermittent hunger inhibits the central anorexigenic response of insulin, serotonin and leptin in Wistar females
Carlos M.C. Vilca¹, Mariana A.R. Fernandez¹, Amanda Pedroso², Leandro O. Batista¹, Maria G. Tavares do Carmo¹, Kelse T. Albuquerque¹ (¹Universidade Federal do Rio de Janeiro , ²Universidade Federal de São Paulo, São Paulo)
- T1P76 Interrelation between urine VEGF and plasma adipokines with kidney function in patients with metabolic syndrome
Sofia Shulkina¹, Elena Smirnova¹ (¹Perm State Medical University, Perm, Russian Federation)
- T1P77 Is 24-hour continuous core body temperature monitoring in humans using an ingestible capsule telemetric sensor reliable?
Cathriona R Monnard¹, Elie-Jacques Fares¹, Julie Calonne¹, Jennifer L Miles-Chan¹, Jean-Pierre Montani¹, Dominique Durrer², Yves Schutz¹, Abdul G Dulloo¹ (¹Department of Medicine, Division of Physiology, University of Fribourg, Switzerland , ²Cabinet Médical COM's, EUROOBESITAS, Vevey, Switzerland)

- T1P78 Is there any correlation between anthropometric measurements with miR-143 and -34a expression in two different adipose tissues?
Emad Yuzbashian¹, Kimia Tabaei², Azita Zadeh-Vakili³, Afsoon Daneshafrooz³, Golaleh Asghari¹, Parvin Mirmiran¹, Mehdi Hedayati³, Alireza Khalaj⁴ (¹Nutrition and Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran , ²School of Advanced Sciences in Medicine, Tehran Medical Sciences Branch, Islamic Azad University, Tehran, Iran , ³Cellular and Molecular Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran , ⁴Tehran Obesity Treatment Center, Department of Surgery, Shahed University, Tehran, Iran)
- T1P79 Leptin and LPS induced ECM remodelling of human adipose tissue
Katarina Kos¹, Emilie Pastel¹, Nikolaj Rittig², Laura McCulloch¹, Niels Moeller² (¹University of Exeter , ²Aarhus University Hospital)
- T1P80 Leptin intake at physiological doses throughout lactation in rats restores the altered stomach sympathetic drive caused by mild gestational calorie restriction
Nara Szostaczuk¹, Juana Sánchez¹, Jadwiga Konieczna¹, Andreu Palou¹, Catalina Pico¹ (¹Laboratory of Molecular Biology, Nutrition and Biotechnology (Nutrigenomics), University of the Balearic Islands and CIBER de Fisiopatología de la Obesidad y Nutrición (CIBEROBN), Palma de Mallorca, Balearic Islands, Spain.)
- T1P81 Leptin Raises Defended Body Temperature without Activating Thermogenesis
Alexander W. Fischer¹, Carolin S. Hoefig², Gustavo Abreu-Vieira³, Jasper M. A. de Jong³, Natasa Petrovic³, Jens Mittag², Barbara Cannon³, Jan Nedergaard³ (¹The Wenner-Gren Institute & University of Hamburg/Eppendorf , ²Karolinska Institute , ³The Wenner-Gren Institute)
- T1P82 Leptin Regulates Adipocyte Autophagy: A Potential Autocrine Regulatory Contributing To The Up-Regulation Of Adipose Tissue Autophagy In Obesity
Nir Goldstein¹, Yulia Haim¹, Annette Beck-Sickinger², Matthias Blüher², Assaf Rudich¹ (¹Ben-Gurion University of the Negev , ²University of Leipzig)
- T1P83 LIPOLYTIC EFFECT OF UROGUANYLIN AND GUANYLIN IN HUMAN OMENTAL ADIPOCYTES
Amaia Rodríguez¹, Javier Gómez-Ambrosi¹, Victoria Catalán¹, Silvia Ezquerro¹, Sara Becerril², Rafael Moncada³, Víctor Valentí⁴, Camilo Silva⁵, Javier Salvador⁵, Gema Frühbeck⁵ (¹Metabolic Research Laboratory, Clínica Universidad de Navarra, IdiSNA, Pamplona, Spain , ²CIBEROBN, Instituto de Salud Carlos III, Madrid, Spain , ³Department of Anesthesia, Clínica Universidad de Navarra, Pamplona, Spain , ⁴Department of Surgery, Clínica Universidad de Navarra, Pamplona, Spain , ⁵Department of Endocrinology & Nutrition, Clínica Universidad de Navarra, Pamplona, Spain)
- T1P84 Long term treatment of overweight and obesity with polyglucosamine (PG L112)
Umberto Cornelli MD, PhD¹, Gianni Belcaro MD, PhD², Martino Recchia PhD³ (¹Loyola University School of Medicine Chicago , ²University of Chieti-Italy , ³University of Lugano- Swiss)
- T1P85 Long-term effects of FGF21 in maternal milk on metabolism and adiposity in adult mice
Aleix Gavalda-Navarro¹, Rubén Cereijo¹, Samantha Morón¹, Marta Giralt¹, Francesc Villarroya¹ (¹Department of Biochemistry and Molecular Biomedicine, Institute of Biomedicine (IBUB), University of Barcelona, Av. Diagonal, 643, 08028 Barcelona, Spain, and Centro de Investigación Biomédica en Red de Fisiopatología de la Obesidad y Nutrición (CIBEROBN))
- T1P86 Mackie mouse approaches Minnie: Chronic fast food intake promotes diet-induced obesity and a feminized hepatic gene expression pattern in male C57BL/6J mice
Bjørn Liaset¹, Charlotte Ramstad Kleiveland², Lene Therese Olsen Hult², Ida Rud³, Jacob Bak Holm⁴, Kai Kristoffer Lie¹, Even Fjære¹, Bjarne Styrihave⁴, David Møbjerg Kristensen⁴, Karsten Kristiansen⁴, Tor Erling Lea², Lise Madsen¹ (¹National Institute of Nutrition and Seafood Research , ²Norwegian University of Life Sciences , ³Norwegian Institute of Food, Fisheries and Aquaculture Research , ⁴University of Copenhagen)

- T1P87 Maternal high-fat feeding and/or overweight and the early programming of metabolic and cognitive risk in the offspring: a study in mice and human infants
Elena Sanguinetti¹, Maria Angela Guzzardi¹, Daniele Panetta¹, Maria Tripodi¹, Alessandro Zega¹, Mauro Telleschi¹, Francesca Ditaranto², Filippo Muratori², Silvia Burchielli³, Alessandra Kemeny⁴, Piero A. Salvadori¹, Patricia Iozzo¹ (¹Institute of Clinical Physiology, National Research Council (CNR), Pisa, Italy , ²IRCCS, Stella Maris Foundation, Pisa, Italy , ³Gabriele Monasterio Foundation (FTGM), Pisa, Italy , ⁴Department of Obstetric and Gynecology, ASL 1 Massa e Carrara, Italy)
- T1P88 Melatonin treatment increases oxygen consumption in isolated adipocytes preventing body weight gain in mice induced to obesity by high fat diet
Talita da Silva Mendes de Farias¹, Maysa M. Cruz¹, Roberta D.C.C de Sá¹, Regislane I. Paixão¹, Natalia B. Silva¹, Fernanda B. Batini¹, Paula B. M. de Andrade², Maria Isabel Cardoso Alonso Vale¹ (¹Federal University of São Paulo , ²Cruzeiro do Sul University)
- T1P89 Metabolic dysfunction in translocator protein knockout mice: role in inflammation
Roshan R. Naik¹, Pratihtha Chatterjee², Bin Ji², Tetsuya Suhara², Makoto Higuchi², Anna M. Barron¹ (¹Neurobiology of Aging and Disease Laboratory, Lee Kong Chian School of Medicine, Nanyang Technological University, 59 Nanyang Drive, Singapore 636921 , ²Department of Functional Brain Imaging Research, National Institutes for Quantum and Radiological Science and Technology, 4-9-1 Anagawa, Inage-ku, Chiba-shi, Chiba 263-8555, Japan)
- T1P90 Metabolic syndrome contributes to the natural history of Heart Failure with preserved Ejection Fraction
G. Conceição¹, J. Matos², V. Sampaio-Pinto³, D. Miranda-Silva¹, D. Fontoura¹, C. Sena⁴, AP. Lourenço¹, DS. Nascimento³, R. Vitorino², AF. Leite-Moreira¹, I. Falcão-Pires¹ (¹Departamento de Cirurgia e Fisiologia, Faculdade de Medicina, Universidade do Porto, Portugal , ²Department of Medical Sciences, iBiMED, University of Aveiro, Portugal , ³I3S - Instituto de Investigação e Inovação em Saúde, Universidade do Porto, Portugal , ⁴Laboratory of Physiology, Institute of Biomedical Imaging and Life Sciences (IBILI), Faculty of Medicine, University of Coimbra, Portugal)
- T1P91 Modified SJH alleviates FFAs-induced hepatic steatosis through leptin signaling pathways
Dongwoo Lim¹, Hojun Kim¹ (¹Dongguk university)
- T1P92 Modulation of cardiac visceral adipose tissue by obesity: effects in cardiac structure
G. Conceição¹, J. Matos², N. Gonçalves¹, D. Fontoura¹, AP. Lourenço¹, R. Vitorino², AF. Leite-Moreira¹, I. Falcão-Pires¹ (¹Departamento de Cirurgia e Fisiologia, Faculdade de Medicina, Universidade do Porto, Portugal , ²Department of Medical Sciences, iBiMED, University of Aveiro, Portugal)
- T1P93 Modulation of Glut4 during adipogenesis in 3T3L1 correlates with expression of LXR alpha- a cofactor study
Mahesh S Krishna¹, Abdul Jaleel¹, Aneesh Kumar A¹, Arun Surendran¹, Mahesh Chandran¹ (¹Rajiv Gandhi Centre for Biotechnology)
- T1P94 MODULATION OF GUT MICROBIOTA DURING PROBIOTIC-MEDIATED LEAD TO REDUCTION OF BODY WEIGHT IN IRAQI OBESE FEMALE.
Fakhri Alajeeli¹ (¹Tikrit University)
- T1P95 Molecular biomarkers for weight control in obese individuals subjected to a multi-phase dietary intervention
Jennifer Bolton¹, Emilie Montastier¹, Jerome Carayol², Sophie Bonnel¹, Lucile Mir¹, Marie-Adeline Marques¹, Jason Iacovoni¹, Nathalie Villa-Vialaneix³, Armand Valsesia², Dominique Langin¹, Nathalie Viguerie¹ (¹INSERM , ²NIHS , ³INRA)
- T1P96 Natural killer cell functionality is impaired by diet-induced obesity in a postmenopausal breast cancer mouse model
Laura Mattheis¹, Juliane-Susanne Jung¹, Heike Kielstein¹, Julia Spielmann¹ (¹Martin Luther University Halle-Wittenberg, Institute of Anatomy and Cell Biology)

- T1P97 No effect of 12 weeks of weight loss on plasma INSL5 in humans
Kira Edwards¹, Luke Prendergast², Stefanie Kalfas¹, Priya Sumithran¹, Joseph Proietto¹ (¹University of Melbourne, Department of Medicine (AH), Heidelberg, Victoria, Australia , ²La Trobe University, Department of Mathematics and Statistics, Bundoora, Victoria, Australia)
- T1P98 Normolipidic fish oil diet reduces visceral fat and preserves glucose hypophagia in mice
Isy Faria de Sousa¹, Iracema Senna de Andrade¹, Nayara Tamires Marques de Freitas¹, Claudia Maria Oller do Nascimento¹, Lila Missae Oyama¹, Eliane Beraldi Ribeiro¹ (¹Universidade Federal de São Paulo)
- T1P99 Nutritional status of vitamin D and its relationship with insulin resistance in individuals with obesity classified as metabolically healthy and unhealthy phenotype
Adryana Cordeiro¹, Bruno Campos¹, Silvia Pereira¹, Carlos Saboya¹, Andrea Ramalho¹ (¹Research Center of Micronutrients - Federal University of Rio de Janeiro)
- T1P100 Obesity and age of menarche - a retrospective study
Susana Travassos Cunha¹, Lilian Sousa¹, Catarina Mota Pereira¹, João Santos¹, Célio Fernandes¹ (¹Centro Hospitalar Leiria)
- T1P101 Obesity is associated with the upregulation of TLR4 protein but not associated with polymorphisms of TLR4D299G TLR4T399I
afnan O. Galash¹, Mariam I. Alwakeel¹, Nasser M. Rizk², Amina Saleh Fadel¹, Mooza Alkhanji¹ (¹Qatar University , ²qatar university)
- T1P102 OBESITY-INDUCED DECREASES IN MUSCLE PERFORMANCE ARE NOT REVERSIBLE BY SHORT-TERM WEIGHT LOSS
 Jason Tallis¹, Frank Seebacher², Kate McShea², Rob S. James¹ (¹Centre for Applied Biological and Exercise Sciences, Faculty of Health and Life Sciences, Coventry University, Coventry, CV1 5FB, U.K , ²School of Life and Environmental Sciences A08 University of Sydney, Science Road, Sydney, NSW, 2006, Australia)
- T1P103 PCSK9 is expressed in human visceral adipose tissue and regulated by insulin and the lipolytic natriuretic peptide in cultured human adipocytes
 Marica Bordicchia¹, Gloria Appolloni¹, Riccardo Sarzani² (¹Internal Medicine- Dept. Of CLinical and Molecular Science-University Politecnica delle Marche , ²Internal Medicine and Geriatrics- Dept. Of CLinical and Molecular Science-University Politecnica delle Marche-IRCA-IRCCS)
- T1P104 Pharmacological targeting of glucose-6-phosphate dehydrogenase in human erythrocytes by Bay 11-7082, parthenolide and dimethyl fumarate
 Mehrdad Ghashghaeinia¹, Daniela Giustarini², Pavla Koralkova³, Martin Köberle⁴, Kousi Alzoubi¹, Rosi Bissinger¹, Zohreh Hosseinzadeh⁵, Peter Dreischer⁶, Ingolf Bernhardt⁷, Florian Lang¹, Mahmoud Toulany⁸, Thomas Wieder⁹, Renata Mojzíkova³, Ranieri Rossi² (¹Department of Cardiology, Vascular Medicine and Physiology, University of Tübingen, Germany , ²Department of Life Sciences, University of Siena, Siena, Italy , ³Department of Biology, Palacky University, Olomouc, Czech Republic , ⁴Department of Dermatology and Allergy, Technische Universität München, Germany , ⁵Centre for Ophthalmology, University of Tübingen, Germany , ⁶University of Tübingen, Department of Physiology I, Germany , ⁷Saarland University, Campus A2.4, Saarbrücken, Germany , ⁸Division of Radiobiology and Molecular Environmental Research, Department of Radiation Oncology, University Tübingen, Germany , ⁹Department of Dermatology, University Tübingen, Germany)
- T1P105 PhD candidate
 Qing Xu¹, Edwin C.M. Mariman¹, N. Roumans¹, R.Vink¹, G.Goossens¹, E.Blaak¹, J.Jocken¹ (¹S/S)
- T1P106 PHYSICAL EXERCISE AND BODY MASS INDEX IN ADOLESCENTS
António Oliveira¹, Juan Francisco Sánchez Vázquez², Carlos Albuquerque¹, Marina Oliveira³, Madalena Cunha¹, Ana Andrade¹, Isabel Bica¹ (¹CI&DETS -Instituto Politécnico de Viseu - Portugal , ²UPSA - Salamanca - Spain , ³Aces Dão-Lafões - Portugal)

- T1P107 Plasma Amino Acid Profile in Obese Patients with Purine Metabolism Disorders
Livantsova Elena¹, Saginova Evgenia¹, Krasnova Tatyana¹, Mazur Dmitriy¹, Sokolov Sergey¹, Lebedev Albert¹ (¹M.V. Lomonosov Moscow State University)
- T1P108 Plasma lipid profiling of tissue-specific insulin resistance in human obesity
Birgitta W. van der Kolk¹, Nicole Vogelzangs², Johan W.E. Jocken¹, Armand Valsesia³, Thomas Hankemeier⁴, Arne Astrup⁵, Wim H.M. Saris¹, Ilja C.W. Arts², Ellen E. Blaak¹, DiOGenes consortium⁶ (¹Department of Human Biology and Movement Sciences, NUTRIM School of Nutrition and Translational Research in Metabolism, Maastricht University, Maastricht, The Netherlands , ²Department of Epidemiology, Cardiovascular Research Institute Maastricht (CARIM) & Maastricht Centre for Systems Biology (MaCSBio), Maastricht University, Maastricht, The Netherlands , ³Nestlé Institute of Health Sciences, Lausanne, Switzerland , ⁴Netherlands Metabolomics Centre, Leiden, The Netherlands , ⁵Department of Nutrition, Exercise and Sports, Faculty of Science, University of Copenhagen, Copenhagen. Denmark . ⁶DiOGenes consortium)
- T1P109 Polydextrose changes the gut microbiome and attenuates fasting triglyceride and cholesterol levels in mice fed with Western diet
Heli Putaala¹, Ghulam Shere Raza², Ashley Hibberd³, Esa Alhoniemi⁴, Kirsti Tiihonen¹, Kari Mäkelä², Karl-Heinz Herzig² (¹DuPont Nutrition and Health, Global Health and Nutrition Science, Kantvik, Finland , ²Institute of Biomedicine, Department of Physiology and Biocenter of Oulu, University of Oulu, Finland , ³DuPont Nutrition and Health, Genomics & Microbiome Science, St. Louis, MO, USA , ⁴Avoltus Oy, Turku, Finland)
- T1P110 Predictive value of serum concentrations of a panel of eleven different adipokines for components of the metabolic syndrome
Thomas Ebert¹, Claudia Gebhardt¹, Markus Scholz², Tobias Wohland³, Dorit Schleinitz¹, Mathias Fasshauer¹, Matthias Blüher¹, Michael Stumvoll¹, Peter Kovacs³, Anke Tönjes¹ (¹University of Leipzig, Department of Endocrinology and Nephrology, Leipzig, Germany , ²Institute of Medical Informatics, Statistics and Epidemiology, University of Leipzig, Leipzig, Germany , ³Leipzig University Medical Center, IFB AdiposityDiseases, Leipzig, Germany)
- T1P111 Prefronto-cerebellar transcranial direct current stimulation (tDCS) modulates the desire to eat in overweight subjects: a pilot study
Diego Redolar-Ripoll¹, Raquel Viejo-Sobera¹, Elena M. Marrón¹, Guillem Cuatrecasas², Pilar García Lorda³, Greta Magerowski⁴, Miguel Alonso-Alonso⁴ (¹Cognitive NeuroLab. Faculty of Health sciences. Universitat Oberta de Catalunya. Barcelona, Spain. , ²Dpt. Endocrinology. Clinica Sagrada Família. Barcelona. Spain. , ³Faculty of Health sciences. Universitat Oberta de Catalunya. Barcelona, Spain , ⁴Laboratory of Bariatric and Nutritional Neuroscience, Beth Israel Deaconess Medical Center, Harvard Medical School. Boston, USA.)
- T1P112 Prospective memory in severely obese patients
Paula Costa¹, Olga Ribeiro², José Góis Horácio², Dina Silva¹ (¹Human and Social Sciences Faculty of Algarve University , ²Neuropsychology Unit of Egas Moniz Hospital)
- T1P113 Prospective Studies Exploring the Possible Impact of a Functional ID3 Polymorphism on Changes in Obesity Measures
Mathilde Svendstrup¹, Emil V R Appel¹, Camilla H Sandholt¹, Tarunveer S Ahluwalia¹, Lars H Ängquist², Betina H Thuesen³, Marit E Jørgensen⁴, Oluf Pedersen¹, Niels Grarup¹, Torben Hansen¹, Thorkild I A Sørensen², Henrik Vestergaard¹ (¹Novo Nordisk Foundation Center for Basic Metabolic Research, Section of Metabolic Genetics, University of Copenhagen , ²Department of Clinical Epidemiology, (former Institute of Preventive Medicine), Bispebjerg and Frederiksberg Hospital , ³Research Centre for Prevention and Health, Glostrup Hospital , ⁴Steno Diabetes Center)
- T1P114 Rab34, a novel regulator of lipid droplet metabolism in adipocytes and hepatocytes
Travez-García A.¹, López-Alcalá J.¹, Guzmán-Ruiz R.¹, Rodríguez A.², Rabanal Y.¹, Fernández-Vega A.¹, López-Miranda J.³, Nogueiras R.⁴, Frühbeck G.², Vázquez-Martínez R.¹, Malagon M.M.⁵ (¹IMIBIC/University of Córdoba/Reina Sofia University Hospital, Córdoba; CIBER Fisiopatología de la Obesidad y Nutrición (CIBERObn), ISCIII, Spain , ²Metabolic Research Laboratory, Department of Endocrinology & Nutrition, Clínica Universidad de Navarra, IdiSNA, Pamplona; CIBERObn, Spain , ³Lipids and Atherosclerosis Unit, IMIBIC/Reina Sofia University Hospital/University of Córdoba; CIBERObn, Spain , ⁴University of Santiago de Compostela-Instituto de Investigación Sanitaria, Santiago de Compostela; CIBERObn, Spain , ⁵IMIBIC/University of Córdoba/Reina Sofia University Hospital, Córdoba; CIBER Fisiopatología de la Obesidad y Nutrición (CIBERObn), ISCIII, Spain.)

- T1P115 Reduced skeletal muscle protein turnover and deiodinase-3 upregulation in the adaptive thermogenesis that facilitates body fat recovery during weight regain
Julie Calonne¹, Laurie Isacco², Jennifer L Miles-Chan¹, Denis Arsenijevic¹, Jean-Pierre Montani¹, Christelle Guillet³, Yves Boirie³, Abdul G Dulloo¹ (¹Department of Medicine, Division of Physiology, University of Fribourg, Switzerland , ²EA3920 and EPSI platform, Bourgogne Franche-Comté University, F-25000 Besançon, France , ³Clermont Auvergne Université, INRA, Unité de Nutrition Humaine, Clermont-Ferrand, France)
- T1P116 Relationship between REE and serum reactive C protein indexes in extreme obese females patients
Rosa Sammarco¹, Maurizio Marra¹, Maria Carmen Pagano¹, Andrea Vaccaro¹, Enza Speranza¹, Lidia Santarpia¹, Franco Contaldo¹, Fabrizio Pasanisi¹ (¹Department of Clinical Medicine and Surgery, University Federico II)
- T1P117 Resistance training improves metabolic profile and inflammation in adipose tissue of obese high-fat diet-induced rats which is maintained after one month of cessation
Patricia Monteiro Seraphim¹, Marcelo Conrado de Freitas¹, Alice Santos Cruz Veras¹, William T. L. Festuccia², Marcos F. S. Teixeira¹, Giovana Rampazzo Teixeira¹, Maria Tereza Nunes² (¹Faculdade de Ciências e Tecnologia - Universidade Estadual Paulista (UNESP) - Campus Presidente Prudente - Brazil , ²Instituto de Ciências Biomédicas - Universidade de São Paulo - USP - Brazil)
- T1P118 Resting Energy Expenditure is associated with insulin resistance and inflammatory status before and after weight loss in patients with severe obesity
Silvia Bettini¹, Emanuel Bordigato¹, Roberto Fabris¹, Roberto Serra¹, Chiara Dal Prà¹, Anna Belligoli¹, Marta Sanna¹, Mirto Foletto¹, Luca Prevedello¹, Roberto Vettor¹, Luca Busetto¹ (¹Center for the Study and the Integrated Management of Obesity, University of Padova, Italy)
- T1P119 Reward processing alteration after bariatric surgery in obesity
Yoshiyuki Hirano¹, Junko Matsumoto², Aya Kitahara³, Hirotake Tokuyama⁴, Masaya Yamaga³, Takumi Kitamoto³, Koji Matsumoto⁵, Yoshitada Masuda⁵, Kotaro Yokote³ (¹Research Center for Child Mental Development, Chiba University , ²Department of Regional Disaster Medicine, Graduate School of Medicine, Chiba University , ³Department of Clinical Cell Biology and Medicine, Graduate School of Medicine, Chiba University , ⁴Department of Advanced Aging Medicine, Graduate School of Medicine, Chiba University , ⁵Department of Radiology, Chiba University Hospital)
- T1P120 Role of DNAJB3/HSP-40 co-chaperone in regulating glucose homeostasis and attenuating inflammatory and metabolic stress responses
Abdelilah Arredouani¹, Bushra Memon¹, Asma Al-Naama¹, Namat Khattab¹, Ilham Bensmail¹, Ramzi Mohammad², Abdul Badi Abu-Samra³, Mohamed Chikri¹, Mohammed Dehbi¹ (¹Qatar Biomedical Research Institute, Hamad Bin Khalifa University, Doha, Qatar , ²The Interim Translational Research Institute, Hamad Medical Corporation, Doha, Qatar , ³Dept. of Internal Medicine, Hamad Medical Corporation, Doha. Qatar)
- T1P121 Role of nicotinamide nucleotide transhydrogenase (NNT) in obesity: studies in independent and congenic mutant mice sub-strains
Juliana C. Rovani¹, Helena F. Raposo¹, Anibal E. Vercesi¹, Helena C. F. Oliveira¹ (¹State University of Campinas)
- T1P122 Role of TRPM8 in enhancing energy expenditure of the body- A novel strategy in management of obesity and related complications
Pragyanshu Khare¹, Kanwaljit Chopra², K.K.Bhutani³, K.K.Kondepudi⁴, Mahendra Bishnoi⁴ (¹National AgriFood Biotechnology Institute , ²UIPS, Panjab University Chandigarh, India , ³National Institute of Pharmaceutical Education and Research, SAS Nagar, Punjab, India , ⁴National AgriFood Biotechnology Institute, SAS Nagar, Punjab, India)
- T1P123 Roles of melanocortin receptor signaling pathways in central acyl ghrelin-induced stimulation of ingestive behavior, gastric emptying, and small intestinal transit
Chih-Yen Chen¹ (¹Faculty of Medicine, National Yang-Ming University School of Medicine, Taipei; Division of Gastroenterology and Hepatology, Department of Medicine, Taipei Veterans General Hospital, Taipei, Taiwan)

- T1P124 Salsalate Ameliorates Metabolic Disturbances by Reducing Inflammation and Oxidative Stress and by Activating Brown Adipose Tissue in Spontaneously Hypertensive Rats Expressing Human CRP
Jan Silhavy¹, Jaroslava Trnovska², Ondrej Kuda¹, Vladimir Landa¹, Vaclav Zidek¹, Petr Mlejnek¹, Miroslava Simakova¹, Hynek Strnad³, Olena Oliyarnyk², Vojtech Skop², Ludmila Kazdova², Michal Pravenec¹ (¹Institute of Physiology, Czech Academy of Sciences, Prague, Czech Republic , ²Institute for Clinical and Experimental Medicine, Prague, Czech Republic , ³Institute for Molecular Genetics, Czech Academy of Sciences, Prague, Czech Republic)
- T1P125 Sedentarism potentiates the hepatic and pancreatic structural changes induced by a fatty diet in rodents.
José Antonio Franchi Bovolini¹, Maria do Amparo Andrade², José Alberto Duarte¹ (¹Sports Faculty of Porto , ²Universidade Federal de Pernambuco)
- T1P126 Short sleep duration in relation to fuel selection in overweight and obese subjects
 Eleonora Poggiogalle¹, Marianna Calabretto¹, Carla Lubrano¹, Lucio Gnessi¹, Stefania Mariani¹, Cecilia Mancini¹, Barbara Ciccantelli¹, Chiara Marocco¹, Andrea Lenzi¹, Lorenzo Maria Donini¹ (¹Sapienza University, Rome, Italy)
- T1P127 Similar prevalence of vitamin D deficiency in normal weight, overweight and obese older Polish - results from population based PolSenior study
 Magdalena Wyskida¹, Aleksander Owcarek², Aleksandra Szybalska³, Aniceta Brzozowska⁴, Irena Szczerbowska⁵, Katarzyna Wieczorowska-Tobis⁶, Monika Puzianowska-Kuznicka⁷, Edward Franek⁸, Malgorzata Mossakowska³, Tomasz Grodzicki⁹, Andrzej Wiecek¹⁰, Magdalena Olszanecka-Glinianowicz⁴, Jerzy Chudek¹ (¹Pathophysiology Unit, Department of Pathophysiology, Medical School in Katowice, Medical University of Silesia, Katowice, Poland , ²Department of Statistics, Department of Instrumental Analysis, Faculty of Pharmacy and Laboratory Medicine in Sosnowiec, Medical University of Silesia, Katowice, Poland , ³International Institute of Molecular and Cell Biology, Warsaw, Poland , ⁴Health Promotion and Obesity Management Unit, Department of Pathophysiology, Medical School in Katowice, Medical University of Silesia, Katowice, Poland , ⁵Health Promotion and Obesity Management Unit, Department of Pathophysiology, Medical Faculty in Katowice, Medical University of Silesia, Katowice, Poland , ⁶Department of Palliative Medicine, Poznan University of Medical Sciences, 61-245 Poznan, Poland , ⁷Department of Human Epigenetics, Mossakowski Medical Research Centre, Warsaw, Poland Department of Geriatrics and Gerontology, Medical Centre of Postgraduate Education, Warsaw, Poland , ⁸Department of Human Epigenetics, Mossakowski Medical Research Centre, Warsaw, Poland , ⁹Department of Internal Medicine and Gerontology, Jagiellonian University Medical College, Krakow, Poland , ¹⁰Department of Nephrology, Transplantation and Internal Medicine, Medical)
- T1P128 Sleeve gastrectomy normalizes defects in enteroendocrine cells in morbidly obese humans
 Bettina K. Wölnerhanssen¹, Galina Burdyga², Anne Christin Meyer-Gerspach¹, Andrew W Moran², Ralph Peterli³, Michael Manz⁴, Miriam Thumshirn⁴, Kristian Daly², Christoph Beglinger¹, Soraya P Shirazi-Beechey² (¹Department of Research, St. Claraspital Basel, Basel, Switzerland , ²Institute of Integrative Biology, University of Liverpool, United Kingdom , ³Department of Surgery, St. Claraspital Basel, Basel, Switzerland , ⁴Department of Gastroenterology, Clara Hospital Basel, Switzerland)
- T1P129 Slump in microbial gene richness in severe and complicated obesity is partially restored after bariatric surgery
 aron-wisnewsky judith¹, Edi Prifti², Maria Carlota Dao¹, Eric O Verger², Brandon D Kayser¹, Nicolas Pons², Florence Levenez¹, Dusko Erhlich², Joel Doré¹, Jean-Daniel Zucker², Karine Clément³ (¹Institute of Cardiometabolism and Nutrition, ICAN, Assistance Publique Hôpitaux de Paris, Pitié-Salpêtrière hospital, Paris, France 2INSERM, UMR S U1166, Nutriomics Team, Paris, France 3Sorbonne Universités, UPMC University Paris 06, UMR , ²S 1166 I, Nutrio , ³INRA, US1367 MetaGenoPolis, Jouy-en-Josas, France 6AgroParisTech, UMR1319 MICALIS, Jouy-en-Josas, France)
- T1P130 Soluble LR11/SorLA represses thermogenesis in adipose tissue and correlates with BMI in humans
Meizi Jiang¹, Andrew J Whittle², Hiroyuki Ebinuma³, Takeyoshi Murano¹, Chiaki Nakaseko⁴, Wenlong Jin⁵, Wolfgang J Schneider⁶, Antonio Vidal-Puig², Hideaki Bujo¹ (¹Department of Clinical-Laboratory and Experimental-Research Medicine, Toho , ²University of Cambridge Metabolic Research Laboratories , ³Tsukuba Research Institute, Sekisui Medical Co. Ltd. , ⁴Department of Hematology, Chiba University Hospital , ⁵Department of Endocrinology, Yanbian University Hospital , ⁶Department of Medical Biochemistry, Max F. Perutz Laboratories, Medical University of Vienna)

- T1P131 Sphingolipid metabolism in the salivary glands of rats with diet induced insulin resistance and streptozotocin induced diabetes
Marta Garbowska¹, Bartłomiej Lukaszuk², Agnieszka Miklosz², Igor Wroblewski³, Krzysztof Kurek³, Adrian Chabowski², Anna Zalewska⁴, Malgorzata Zendzian-Piotrowska¹ (¹Medical University of Bialystok, Department of Hygiene, Epidemiology and Ergonomics, Poland , ²Medical University of Bialystok, Department of Physiology, Poland , ³Medical University of Bialystok, Department of Gastroenterology and Internal Medicine, Bialystok, Poland , ⁴Medical University of Bialystok, Department of Conservative Dentistry, Bialystok, Poland)
- T1P132 Survivin, a key player in cancer progression, increases in obesity and protects adipose tissue stem cells from apoptosis
Miriam Ejarque¹, Vicky Ceperuelo-Mallafré¹, Carolina Serena¹, Gisela Pachon², Catalina Nuñez-Roa¹, Nuria Vilarrasa³, Francisco J Tinahones⁴, Miguel A Peinado⁵, Joan Vendrell¹, Sonia Fernandez-Veledo¹ (¹University Hospital Joan XXIII- IISPV , ²Brigham & Women's Hospital - Harvard Medical School , ³University Hospital Bellvitge , ⁴Virgen de la Victoria Clinical University Hospital , ⁵Institute of Predictive and Personalized Medicine of Cancer)
- T1P133 Sustainability of changes in energy expenditure variables at 1 year follow-up after initial weight loss with a very-low energy diet
Nymo S¹, Coutinho SR¹, Eknes PH¹, Bomo OJ¹, Truby H², Kulseeng B³, Martins C¹ (¹Centre for Obesity Research, Department of Cancer Research and Molecular Medicine, Faculty of Medicine, Norwegian University of Science and Technology, Trondheim, Norway , ²Department of Nutrition, Dietetics & Food, Monash University, Melbourne, Australia , ³Centre for Obesity, Department of Surgerv. St. Olav Hospital—Trondheim University Hospital, Trondheim, Norway)
- T1P134 Syndecan 4 is highly upregulated in subcutaneous adipose tissue one year after bariatric surgery due to tumor necrosis factor stimulation of adipocytes
Alexander Jürets¹, Bianca K Itariu¹, Magdalena Keindl¹, Lukas Leitner¹, Gerhard Prager², Felix Langer², Viktor Grablowitz³, Maximilian Zeyda⁴, Thomas M Stulnig¹ (¹Christian Doppler Laboratory for Cardio-Metabolic Immunotherapy, Clinical Division of Endocrinology and Metabolism, Department of Medicine III, Medical University of Vienna, Vienna, Austria , ²Department of General Surgery, Medical University of Vienna, Vienna, Austria , ³Department of General Surgery, Göttlicher Heiland Hospital, Vienna, Austria , ⁴Department of Pediatrics and Adolescent Medicine, Clinical Division of Pediatric Pulmonology, Allergology and Endocrinology, Medical University of Vienna, Vienna, Austria)
- T1P135 Synergic effect of Eugenol and Cinnamaldehyde on the inhibition of the expression of lipogenic genes in 3T3-L1mature adipocytes
Alberto Angel Martin¹, Juana Sánchez¹, Andreu Palou¹ (¹University of the Balearic Islands)
- T1P136 Systemic inflammation and endothelial dysfunction in relation to nutritional status in women with polycystic ovary syndrome (PCOS)
Katarzyna Wyskida¹, Wojciech Gruszka², Aleksander Owczarek³, Grzegorz Franik⁴, Anoceta Brzozowska¹, Irena Szczerbowska¹, Pawel Madej⁴, Jerzy Chudek², Magdalena Olszanecka-Glinianowicz¹ (¹Health Promotion and Obesity Management Unit, Department of Pathophysiology, Medical Faculty in Katowice, Medical University of Silesia, Katowice, Poland , ²Pathophysiology Unit, Department of Pathophysiology, Medical Faculty in Katowice, Medical University of Silesia, Katowice, Poland , ³Department of Statistics, Department of Instrumental Analysis, Faculty of Pharmacy and Laboratory Medicine in Sosnowiec, Medical University of Silesia, Katowice, Poland , ⁴Department of Gynecological Endocrinology, Medical University of Silesia, Katowice, Poland)
- T1P137 T regulatory cells in Metabolic Healthy versus Metabolic Unhealthy Obese Female subjects
Tasneem H. Al-Hamad¹, Maryam Mokhtar¹, Nasser M. Rizk¹, Amina S. Fadel¹, Mooza A. Al-Khinji¹ (¹Qatar University)
- T1P138 Tarumã (Vitex cymosa Bertero ex Spreng) extract protects against diet induced obesity and with tendency to lower expression of FFAR2/GPR43 on adipose tissue in C57BL/6J mice
C.R. Ballard¹, E.F. Santos², M.J. Dubois³, G. Pilon³, C.B.B. Cazarin¹, A. Marette³, M.R. Maróstica Jr.¹ (¹University of Campinas , ²Federal University of Mato Grosso do Sul , ³Université Laval)
- T1P139 Testosterone level at android and gynoid types of obesity in men
Deev Denis¹, Vasileva Olga¹, Novikova Elena¹, Epanchintseva Elena¹, Pinkhasov Boris¹, Selyatitskaya Vera¹ (¹Scientific Centre Of Experimental And Clinical Medicine)

- T1P140 The association between retinol binding protein 4, N-terminal prohormone of brain natriuretic peptide and inflammatory markers in older individuals
Marcin Majerczyk¹, Piotr Choręza², Aleksander Owcarek³, Magdalena Olszanecka-Glinianowicz⁴, Jerzy Chudek⁵ (¹Pathophysiology Unit, Department of Pathophysiology, School of Medicine in Katowice, Medical University of Silesia, Katowice, Poland Department of Cardiology, District Hospital in Zakopane, Poland , ²Department of Statistics, Department of Instrumental Analysis, School of Pharmacy and Laboratory Medicine in Sosnowiec, Medical University of Silesia, Katowice, Poland , ³Department of Statistics, Department of Instrumental Analysis, Faculty of Pharmacy and Laboratory Medicine in Sosnowiec, Medical University of Silesia, Katowice, Poland , ⁴Health Promotion and Obesity Management Unit, Department of Pathophysiology, Medical School in Katowice, Medical University of Silesia, Katowice, Poland , ⁵Pathophysiology Unit, Department of Pathophysiology, Medical Faculty in Katowice, Medical University of Silesia, Katowice, Poland)
- T1P141 THE BILE ACID CHENOXYCHOLIC ACID ACTIVATES METABOLIC PATHWAYS CONTRIBUTING TOWARDS REDUCED OBESITY IN WHITE ADIPOSE TISSUE IN VITRO
João Soeiro Teodoro¹, Anabela Pinto Rolo¹, Ivana Jarak¹, Rui Albuquerque Carvalho¹, Carlos Marques Palmeira¹ (¹Center for Neurosciences and Cell Biology of the University of Coimbra)
- T1P142 The classical pathway is critical for pathogenic complement activation in patients with abdominal obesity
Eliashevich Sofya¹, Drapkina Oxana¹, Shoibonov Batogab¹ (¹The National Research Center for Preventive Medicine)
- T1P143 The crucial role of MIF production mediated by adipocyte and macrophage COX-2 signaling in phenotypic switch of adipose tissue macrophages through CD74 during the development of obesity inflammation
Pei-Chi Chan¹, Ting-Ni Wu², Ying-Chuan Chen³, Yu-Chuan Huang⁴, Po-Shiuan Hsieh³ (¹Department of Physiology & Biophysics, National Defense Medical Center (NDMC), Taipei, Taiwan , ²Department of Physiology & Biophysics, National Defense Medical Center , ³Institute of Preventive Medicine, National Defense Medical Center , ⁴nstitute of Preventive Medicine, National Defense Medical Center)
- T1P144 THE DIAGNOSTIC VALUE OF SERUM OSTEOCALCIN / HDL-CHOLESTEROL LEVEL REPORT IN ASSESSING THE CARDIOVASCULAR RISK IN OVERWEIGHT WOMEN
Eduard Circo¹, Seila Ibadula¹, Razvan Circo¹, Olesea Scrinic¹ (¹Spitalul Judetean de Urgenta "Sf.Apostol Andrei", Constanta)
- T1P145 The effect of bariatric surgery type on levothyroxine dose in morbidly obese patients with hypothyroidism
jorge manuel pires pedro¹, Filipe Cunha¹, Maria Manuel Costa¹, Daniela Magalhães¹, Rita Bettencourt-Silva¹, João Sérgio Neves¹, Pedro Souteiro¹, Vanessa Gonçalves¹, Joana Queirós¹, Sofia Oliveira¹, Paula Freitas¹, Ana Varela¹, Davide Carvalho¹ (¹Centro Hospitalar São João)
- T1P146 THE EFFECT OF DIFFERENT DURATIONS OF A HIGH FAT DIET ON THE CONTRACTILE PERFORMANCE OF ISOLATED MOUSE SOLEUS, EDL AND DIAPHRAGM MUSCLES
Joshua Hurst¹, Cameron Hill¹, Rob S. Jame¹, Val M. Cox¹, Jason Tallis¹ (¹School of Health & Life Sciences, Applied Biological & Exercise Sciences, Coventry University, Priory Street, Coventry, CV1 5FB, UK)
- T1P147 The faecal microbiota in subjects with morbid obesity; the effects of comorbidity, diet and drugs
Per G. Farup¹, Robert Winther², Anne Stine Kvehaugen², Martin Aasbrenn¹ (¹Norwegian University of Science and Technology, Trondheim, Norway , ²Innlandet Hospital Trust, Gjøvik, Norway)
- T1P148 The first experience of liraglutide 3.0 mg in Russia and its influence on metabolic risk factors in obese patients
Komshilova Kseniya¹, Troshina Ekaterina¹, Mazurina Nataliya¹, Ershova Ekaterina¹, Logvinova Oksana¹ (¹Endocrinology Research Center, Moscow, Russian Federation)
- T1P149 The importance of postingestive mechanisms in feeding decisions
Ana B. Fernandes¹, Joana Almeida¹, Rui M. Costa¹, Albino Oliveira-Maia¹ (¹Champalimaud Research and Clinical Centre, Champalimaud Centre for the Unknown, Lisboa, Portugal)

- T1P150 The MASP activity and the thrombosis risk in patients with obesity
Shoibonov Batogab¹, Eliashevich Sofya¹, Drapkina Oxana¹ (¹The National Research Center for Preventive Medicine)
- T1P151 The relation between PPAR- γ gene expression in visceral and subcutaneous adipose tissues and food group intakes
Maryam Zarkesh¹, Emad Yuzbashian², Kimia Tabaei³, Azita Zadeh-Vakili¹, Afsoon Daneshafrooz¹, Golaleh Asghari², Parvin Mirmiran², Mehdi Hedayati¹, Behnaz Mahmoodi² (¹Cellular and Molecular Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran , ²Nutrition and Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran , ³School of Advanced Sciences in Medicine, Tehran Medical Sciences Branch, Islamic Azad University, Tehran, Iran)
- T1P152 The Roots of *Atractylodes macrocephala* Koidzumi prevents high fat diet induced obesity in mice with increasing AMPK and PGC-1 α expressions
Mi Young Song¹, An Na Kang², Seok Yong Kang², Hyo Won Jung² (¹Department of Rehabilitation Medicine of Korean Medicine, College of Korean Medicine, Dongguk University , ²Department of Herbology, College of Korean Medicine, Dongguk University)
- T1P153 The Serum Omentin and Vaspin Level in Rat Model of Type 2 Diabetes: fed with High-Fat Diet and Low Dose of Streptozotocin.
Cynthia Aparecida de Castro¹, Karina Ana da Silva¹, Karina Nogueira Zambone Pinto¹, Fernanda de Oliveira Duarte², Marcela Sene Fiorese¹, Keico Okino Nonaka¹, Fernanda de Freitas Aníbal¹, Ana Cláudia Garcia de Oliveira Duarte¹, Vanessa de Oliveira Furino³, Fernando Fabrizzi³ (¹Federal University of São Carlos , ²Ophthalmic Instrumentation Laboratory - EESC-USP- Brazil , ³)
- T1P154 Thermal imaging in the investigation of active brown adipose tissue in obese adults
Hamza El Hadi¹, Andrea Frascati¹, Roberto Vettor¹, Marco Rossato¹ (¹Internal Medicine 3, Department of Medicine - DIMED, University of Padova, Via Giustiniani 2, 35100, Padova, Italy.)
- T1P155 Thermic effect of a protein rich meal in Obstructive Sleep Apnea patients
Mariana Pantaleão Del re¹, Camila Maria de Melo¹, Marcus Vinicius Lucio dos Santos¹, Ioná Zalcmán Zimberg¹, Sergio Tufik¹, Marco Túlio de Mello² (¹Universidade Federal de São Paulo , ²Universidade federal de São Paulo)
- T1P156 Total antioxidant capacity and apelin gene expression in visceral and subcutaneous adipose tissues among obese and non-obese subjects
Mohammad Safarian¹, Emad Yuzbashian², Maryam Zarkesh³, Golaleh Asghari², Behnaz Mahmoodi², Parvin Mirmiran², Mehdi Hedayati³ (¹Biochemistry of Nutrition Research Center, School of Medicine, Mashhad University of Medical Sciences, Mashhad, Iran , ²Nutrition and Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran , ³Cellular and Molecular Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran)
- T1P157 Transcriptomic analysis reveals a strong down regulation of immune response pathways in ferret aortic perivascular adipose tissue by cold exposure: potential implications for cardiovascular health
Bàrbara Reynés¹, Evert M. van Schothorst², Estefanía García-Ruiz¹, Jaap Keijer², Paula Oliver¹, Andreu Palou¹ (¹Laboratory of Molecular Biology, Nutrition and Biotechnology, Universitat de les Illes Balears and CIBER de Fisiopatología de la Obesidad y Nutrición (CIBERObn), Palma de Mallorca, Spain , ²Human and Animal Physiology, Wageningen University, Wageningen, the Netherlands)
- T1P158 Validation, Precision Testing & Systems Identification of a Modern Indirect Calorimeter
Brian Corley¹, Dr Rosemary Hall¹, Dr Richard Carroll¹, Assoc Prof Jeremy Krebs¹ (¹University of Otago, Wellington)

- T1P159 Various implications of diabetes mellitus and adipose tissue topography in the achievement of osteoporosis and fragility fractures in obese female patients
Eduard Circo¹, Seila Ibadula¹, Razvan Circo¹ (¹Spitalul Judetean de Urgenta "Sf.Apostol Andrei", Constanta)
- T1P160 What Controls Eating? Modelling the Physiological, Behavioral and Psychological Drivers of Energy Intake in the Context of Total Energy Balance
Mark Hopkins¹, Graham Finlayson¹, Cristiana Duarte², Catherine Gibbons¹, Alexandra M Johnstone³, Stephen Whybrow³, Graham W Horgan⁴, John E Blundell¹, R James Stubbs¹ (¹University of Leeds , ²University of Coimbra , ³University of Aberdeen , ⁴Biomathematics and Statistics Scotland)
- T1P161 Zinc deficiency impairs 3T3-L1 adipogenesis but promotes visceral adipose tissue inflammation and expansion after a 3-month high carbohydrate-diet in mice
Leontina Cumbelembe Tomas Manuel¹, Iara Fabricia Kretzer¹, Najla Adel Saleh¹, Jelver Alexander Sierra¹, Carolina Siqueira¹, Fabiola Branco Filippin Monteiro¹ (¹Universidade Federal de Santa Catarina)
- LB1 P162 Association between Genetic Variants and Obesity in the Lithuanian adult population
Alina Smalinskiene¹, Janina Petkeviciene¹, Vaiva Lesauskaite¹, Jurate Klumbiene¹ (¹Lithuanian University of Health Science)
- LB1 P163 Fat cells and breast cancer: The different role of white and brown adipocytes on promoting inflammation
Luís Henrique Costa Corrêa Neto¹, Lívia Pimentel Sant'Ana Dourado¹, Raquel Das Neves Almeida¹, Tiago Medeiros Furquim Mendonça¹, Marcelo Alves da Silva Mori², Kelly Grace Magalhães¹ (¹Universidade de Brasília - UnB , ²Universidade de Campinas - Unicamp)
- LB1 P164 Prenatal Paraben Exposure Impacts Infant Overweight Development and in-vitro Adipogenesis
Beate Englisch¹, Linda Schlittenbauer¹, Christiane Pfeifer¹, Michael Borte¹, Gabriele I. Stangl¹, Thorsten Reemtsma¹, Irina Lehmann¹, Kristin M. Junge¹ (¹Helmholtz Centre for Environmental Research - UFZ)
- LB1 P165 Subcutaneous adipose tissue in patients with eating disorders: Application of a standardized ultrasound measurement technique in extremely lean and obese patients.
Sonja Lackner¹, Sabrina Mörtl², Wolfram Müller³, Andreas Oberascher¹, Sandra Johanna Holasek¹ (¹Institute of Pathophysiology and Immunology, Medical University of Graz, Austria , ²Department of Psychiatry, Medical University of Graz, Austria , ³Institute of Biophysics, Medical University of Graz, Austria)
- LB1 P166 The antiobesogenic action of Ginkgo biloba Extract (GbE) in diet-induced obese rats
Bruna KS Hirata¹, Maysa M Cruz¹, Roberta DCC Sá¹, Talita M Farias¹, Maria Isabel C Alonso-Vale¹, Lila M Oyama², Eliane B Ribeiro², Monica M Telles¹ (¹Federal University of São Paulo (UNIFESP), Diadema/SP, Brazil , ²Federal University of São Paulo (UNIFESP), São Paulo/SP, Brazil)
- LB1 P167 Timeline of the effect of high-fat diet in adipocyte size and lipid metabolism
Marcela Sene-Fiorese¹, Fernanda Oliveira Duarte¹, Vanessa de Oliveira Furino¹, Diego Adorna Marine¹, Ana Raimunda Dâmaso², Ana Cláudia Garcia de Oliveira Duarte¹ (¹Universidade Federal de São Carlos (UFSCar) , ²Universidade Federal de São Paulo (UNIFESP))
- LB1 P168 The Role of Compressive Load on Adipogenic Differentiation of 3T3-L1 Cells
Anabela Cepa Areias¹, Cristoforo Silvestri¹, Darryl R Overby¹ (¹Imperial College London)
- LB1 P169 A TRAIL-TL1A paracrine network connects E2F1-high visceral adipose tissue with a dys-metabolic obesity phenotype

Nitzan Maixner¹, Yulia Haim¹, Mathias Bluher², Nava Bashan¹, Assaf Rudich¹ (¹Department of Clinical Biochemistry and Pharmacology, Ben-Gurion University, Israel , ²Department of Medicine, University of Leipzig, Germany)

- LB1 P170 Low-protein, high-carbohydrate diet increases “browning” in perirenal adipose tissue
Mayara Peron Pereira¹, Laís Aparecida A. Ferreira¹, Amílcar Sabino Damaso², Nair Honda Kawashita¹ (¹Department of Chemistry, Biochemistry laboratory, Federal University of Mato Grosso, Cuiabá, Mato Grosso, Brazil , ²Department of Basic Health Sciences, Faculty of Medicine, Federal University of Mato Grosso, Cuiabá, Mato Grosso, Brazil)
- LB1 P171 Low-protein, high-carbohydrate diet increases the uptake of pre formed fatty acids from lipoprotein lipase in perirenal adipose tissue.
Mayara Peron Pereira¹, Edgar Willibaldo Allebrandt Neto¹, Suélem Aparecida de França¹, Nair Honda Kawashita¹ (¹Department of Chemistry, Biochemistry laboratory, Federal University of Mato Grosso, Cuiabá, Mato Grosso, Brazil)
- LB1 P172 Irish cheddar cheese increases GLP-1 secretion in vitro and reduces food intake in vivo
Alina Kondrashina¹, Sanja Seratlic¹, Dalia Kandil², John F. Cryan², Harriët Schellekens², Tom Beresford¹, Linda Giblin¹ (¹Food for Health Ireland, Teagasc Food Research Centre, Moorepark, Fermoy, Ireland , ²Food for Health Ireland, Department of Anatomy & Neuroscience, University College Cork, Cork, Ireland)
- LB1 P173 Effect of Non-Viscous fibre on Appetite and Satiety in overweight individuals
Najlaa Al-Mana¹, M. Denise Robertson² (¹King Saud bin Abdulaziz University for Health Sciences , ²University of Surrey)
- LB1 P174 Postprandial changes in glucose oxidation and insulin sensitivity in the metabolic syndrome: influence of fibroblast growth factor 21 and vitamin D status.
Kaveri Pathak¹, Mario Soares¹, Yun Zhao¹, Anthony James¹, Jillian Sherriff¹, Philip Newsholme² (¹School of Public Health, Curtin University , ²School of Biomedical Sciences, Curtin University)
- LB1 P175 Body fatness has a greater negative effect on in functional muscle performance, even when controlling for muscle mass, in older compared to middle aged and younger adults.
Jason Taliis¹, Charlotte Hall¹, Emma Eyre¹, Samuel Oxford¹, Michael J Duncan¹ (¹Faculty of Health and Life Sciences, Coventry University, Coventry, CV1 5FB, U.K)
- LB1 P176 The association of anthropometric measures with serum and urinary levels of nitric oxide metabolites
Parvin Mirmiran¹, Zahra Bahadoran¹, Fereidoun Azizi² (¹Nutrition and Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences , ²Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences)
- LB1 P177 Ginkgo biloba Extract reduces liver oxidative stress and triacylglycerol hepatic levels of obese rats
Heider M Andrade¹, Bruna KS Hirata¹, Danielle A de Miranda², Fernanda P da Silva², Nelson i Neto², Valter T Boldarine², Fernando N Nogueira³, Lila M Oyama², Monica M Telles¹ (¹Universidade Federal de São Paulo, Campus Diadema – SP/ Brazil , ²Universidade Federal de São Paulo, Campus São Paulo - SP/Brazil , ³Department of Biomaterials and Oral Biology, Faculdade de Odontologia, Universidade de São Paulo - SP/Brazil)
- LB1 P178 Meat food intolerance – distribution and performance in Bulgarian population
Adriana Ivanova Agovska¹ (¹Department of Hygiene, Medical Ecology and Nutrition, Medical University – Sofia)
- LB1 P179 EXPRESSION OF SYNAPTO-VESICULAR PROTEINS IN BRAIN AREAS OF AN ANIMAL MODEL OF METABOLIC SYNDROME
Ilenia Martinelli¹, Daniele Tomassoni², Michele Moruzzi¹, Francesco Amenta¹, Seyed Khosrow Tayebati¹ (¹School of Medicinal and Health Products Sciences, University of Camerino, Camerino, Italy , ²School of Biosciences and Veterinary Medicine, University of Camerino, Camerino, Italy)

- LB1 P180 OVERWEIGHT LEADS TO BRAIN INJURY IN HIGH FAT DIET-INDUCED OBESITY (DIO) RATS.
Daniele Tomassoni¹, Maria Vittoria Micioni di Bonaventura², Michele Moruzzi², Ilenia Martinelli², Fabrizio Dini¹, Alessandro Fruganti¹, Andrea Marchegiani¹, Maria Elena Giusepponi², Carlotta Marini¹, Carlo Polidori², Giulio Lupidi², Seyed Khosrow Tayebati², Francesco Amenta², Carlo Cifani² (¹School of Biosciences and Veterinary Medicine, University of Camerino, Camerino, Italy , ²School of Medicinal and Health Products Sciences, University of Camerino, Camerino, Italy)
- LB1 P181 The association of serological biomarkers of gastric inflammation with anthropometric measures in Helicobacter pylori infected patients
Zahra Bahadoran¹, Parvin Mirmiran¹, Fereidoun Azizi² (¹Nutrition and Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences , ²Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences)
- LB1 P182 Genetic Variation Near the Dopamine 2 Receptor Gene: Association with Eating in the Absence of Hunger in Chilean Children
Ana Maria Obregon¹ (¹San Sebastian University, Concepción, Chile)

T2: Health, Behaviour and Environment

Poster Session
May 18, 2017

- T2P1 A novel procedure for integrating three objectively measured dimensions of free-living sedentary time
Miss Anna Myers¹, Dr Catherine Gibbons¹, Mr Edward Butler², Professor John Blundell¹, Dr Graham Finlayson¹ (¹University of Leeds , ²Endava Ltd.)
- T2P2 A study on understanding about differences of nutrient intake according to metabolic health status in the same BMI group: A cross-sectional study in Korean populations
BYUN A RI¹, LEE HONG SOO¹, LEE SANG WHA¹, SHIM KYUNG WON¹ (¹Department of Family Medicine, School of Medicine, Ewha Womans University)
- T2P3 A weight-loss intervention impact on thigh composition, cardiorespiratory fitness, and physical activity: possible athlete's paradox effect?
Sandra S. Martins¹, Paulo M. Rocha², Teresa Branco³, António L. Palmeira⁴, Analiza M. Silva⁵, Cláudia S. Minderico⁶, Paulo N. Vieira⁷, Pedro J. Teixeira⁵, Luís B. Sardinha⁵ (¹Universidade Europeia, Lisbon, Portugal; Instituto de Saúde Ambiental, Faculdade de Medicina, Universidade de Lisboa, Lisbon, Portugal , ²Interdisciplinary Centre for the Study of Human Performance, Faculty of Human Kinetics, University of Lisbon, Lisbon, Portugal , ³Instituto Prof. Teresa Branco, Oeiras, Portugal , ⁴Universidade Lusófona de Humanidades e Tecnologias, Lisbon, Portugal; Interdisciplinary Centre for the Study of Human Performance, Faculty of Human Kinetics, University of Lisbon, Lisbon, Portugal , ⁵Interdisciplinary Centre for the Study of Human Performance, Faculty of Human Kinetics, University of Lisbon, Lisbon, Portugal , ⁶Universidade Lusófona de Humanidades e Tecnologias, Lisbon, Portugal , ⁷Universidade Europeia, Lisbon, Portugal)
- T2P4 Ability of Nontraditional Risk Factors for Cardiovascular Disease to Identify High Cardiometabolic Risk in Adolescents
Cesar Aparecido Agostinis Sobrinho¹, Carla Moreira¹, Sandra Abreu¹, Luis Lopes¹, José Oliveira Santos¹, Jorge Mota¹, Rute Santos¹ (¹Faculty of Sport, University of Porto, Portugal.)
- T2P5 ACCURACY AND INCONSISTENCY ASSOCIATED FACTORS OF SELF-REPORTED HYPERTENSION AMONG PARTICIPANTS OF THE STUDY OF CARDIOVASCULAR RISK IN ADOLESCENTS (ERICA)
Vivian Siqueira Santos Gonçalves¹, Taís Freire Galvão², Marcus Tolentino Silva³, Fernando Lamarca¹, Eliane Said Dutra¹, Kênia Mara Baiocchi de Carvalho¹ (¹University of Brasilia, Brazil , ²State University of Campinas, Brazil , ³Federal University of Amazonas, Brazil)
- T2P6 Active travel to school, sport participation and obesity in adolescents
Maria João Almeida¹, Bebiana C Sabino² (¹Faculty of Sport Sciences and Physical Education, University of Coimbra , ²Faculty of Sport, University of Porto)

- T2P7 Analysis of Cpt1a gene expression in peripheral blood mononuclear cells as an early marker of metabolic alterations due to the intake of diets with unbalanced macronutrient composition
Rubén Díaz-Rúa¹, Andreu Palou¹, Paula Oliver¹ (¹Laboratorio de Biología Molecular, Nutrición y Biotecnología (Nutrigenómica y Obesidad), Universidad de las Islas Baleares (UIB) y CIBER de Fisiopatología de la Obesidad y Nutrición (CIBEROBN), Palma de Mallorca, España)
- T2P8 Are pharmacists ready to contribute to reduce the burden of obesity ?
Edmond Pistja¹, Alba Themeli¹ (¹Medical Training Center Santa Maria)
- T2P9 Assessment of renal function in adult patients admitted to a university hospital in Recife-PE
Priscila Vieira Antunes¹, Poliana Coelho Cabral² (¹Faculdade de Ciências da Nutrição e Alimentação da Universidade do Porto , ²Universidade Federal de Pernambuco)
- T2P10 Association between maternal and foetal fatty acids profile and birth weight.
Giulia Cinelli¹, Marta Fabrizi¹, Lucilla Ravà¹, Fabrizio Signore², Pamela Vernocchi¹, Michela Semeraro¹, Cristina Vallone², Rosalba Lanciotti³, Marta Ciofi Degli Atti¹, Melania Manco¹ (¹Bambino Gesù Children Hospital , ²San Camillo Hospital , ³University of Bologna)
- T2P11 Association between metabolic status and the incidence of psoriasis
HYUK-SANG KWON¹, Eun Sook Kim¹, Jae-Hyuk Lee², Soon-Jib Yoo¹ (¹The Catholic University of Korea , ²Myongji Hospital)
- T2P12 Association between physical activity with sufficient vitamin D status in Brazilian adolescents: The Study of Cardiovascular Risks in Adolescents (ERICA)
Ana Carla Moreira da Silva¹, Felipe Vogt Cureau², Eliane Said Dutra¹, Beatriz D Schaan³, Kênia Mara Baiocchi de Carvalho¹ (¹Departament of Nutrition, University of Brasília, Federal District, Brazil , ²Department of Internal Medicine, Faculty of Medicine, Federal University of Rio Grande do Sul, Brazil , ³Hospital of Clinics of Porto Alegre, Brazil)
- T2P13 Association between sarcopenic obesity and mortality in elderly living in the community
Marianne Aparecida Pinheiro da Rocha¹, Maria de Fátima Nunes Marucci¹, Manuela de Almeida Roediger¹, Leila Ali Hassan Kassab Crisostomo¹, Yeda Aparecida de Oliveira Duarte², Maria Lucia Lebrão³, Jair Lício Ferreira Santos⁴ (¹Department of Nutrition, School of Public Health, University of São Paulo/ Brazil , ²Department of Nursing Medical-Surgical School of Nursing, University of São Paulo/ Brazil , ³Department of Epidemiology, School of Public Health, University of São Paulo/ Brazil , ⁴Medical School of Ribeirão Preto, University of São Paulo / Brazil)
- T2P14 Association between saturated and trans fatty acids intake and cardiovascular risk factors in Brazilian adolescents - findings from the Study of Cardiovascular Risk in Adolescents (ERICA)
Clarissa dos Santos Quirino Cabral¹, Denise Tavares Giannini¹, Claudia dos Santos Cople Rodrigues¹, Maria Cristina Caetano Kuschir¹, Cecilia Lacroix de Oliveira¹, Amanda de Moura Souza² (¹State University of Rio de Janeiro , ²Federal University of Rio de Janeiro)
- T2P15 Association of abdominal with or without overall excess adiposity with diabetes and raised blood pressure among 20-49 y. women in a nutrition transition context in North-Africa
Pierre Traissac¹, Hajer Aounallah-Skhiri², Francis Delpeuch¹, Jalila El Ati³ (¹IRD (Institut de Recherche pour le Développement), NUTRIPASS Unit, IRD-UM-SupAgro , ²INSP (National Institute of Public Health of Tunisia) & SURVEN (Nutrition Surveillance and Epidemiology in Tunisia) Research Laboratory & Faculty of Medicine, Tunis El Manar University , ³INNTA (National Institute of Nutrition and Food Technology of Tunisia) & SURVEN (Nutrition Surveillance and Epidemiology in Tunisia) Research Laboratory)
- T2P16 Association of adherence to a healthy dietary pattern and Muscular Fitness with Cardiovascular risk factors in adolescents.

Cesar Aparecido Agostinis Sobrinho¹, Sandra Abreu¹, Carla Moreira¹, Luis Lopes¹, Jorge Mota¹, Rute Santos² (¹Research Centre in Physical Activity, Health and Leisure, Faculty of Sport, University of Porto, Portugal , ²Early Start Research Institute, Faculty of Social Sciences, School of Education. University of Wollongong, Australia)

- T2P17 Association of dairy intake with the clustering of inflammatory biomarkers in Portuguese adolescents: LabMed Physical Activity Study
Sandra Abreu¹, Carla Gonçalves², Carla Moreira¹, Rafaela Rosário³, Luís Lopes¹, César Agostinis-Sobrinho¹, José Oliveira-Santos¹, Jorge Mota¹, Rute Santos⁴ (¹Research Centre in Physical Activity, Health and Leisure, Faculty of Sport, University of Porto , ²Ordem dos Nutricionistas , ³Health Sciences Research Unit, University of Coimbra , ⁴Research Centre in Physical Activity, Health and Leisure, Faculty of Sport, University of Porto; Early Start Research Institute, Faculty of Social Sciences, School of Education. University of Wollongong, Australia)
- T2P18 Associations of objectively-measured physical activity, sedentary behavior and cardiorespiratory fitness with metabolic syndrome in Japanese male workers: TMCPF study
Kaori Yagi¹, Tao Chen², Sanmei Chen³, Masataka Suwa⁴, Takayuki Imoto⁴, Akira Kida⁴, Mitsunori Iwase⁴, Takashi Yokochi⁴, Shuzo Kumagai⁵ (¹Graduate School of Human-Environment Studies, Kyushu University, Fukuoka, Japan , ²Faculty of Arts and Science, Kyushu University, Fukuoka, Japan , ³Xiangya Nursing School of Central South University, Changsha, Hunan Province, China , ⁴Toyota Motor Corporation, Aichi, Japan , ⁵Counselling and Health Center, Kyushu University, Fukuoka, Japan)
- T2P19 Baker's cyst and obesity among female patients with knee osteoarthritis, an ultrasonographic study, in Egypt.
Ahmed Abogamal¹ (¹AL-Azhar faculty of medicine)
- T2P20 Bariatric Depression: The patient's behavioral outcomes after the bariatric surgery.
SAVVAS KARASAVVIDIS¹, Professor KATRI VEHVILAINEN-JULKUNEN¹ (¹UNIVERSITY OF EASTERN FINLAND)
- T2P21 Being fat is being lonely? Psychological aspect of loneliness, body dissatisfaction and relationship to obesity. Preliminary study.
Katarzyna Kościcka¹ (¹University of Social Science and Humanities, Katowice, Poland)
- T2P22 Bigger bodies - Long-term time trends and disparities in obesity in Finland
Annamari Lundqvist¹, Tommi Härkönen¹, Tuija Jääskeläinen¹, Seppo Koskinen¹ (¹National Institute for Health and Welfare)
- T2P23 Binge Eating in Obesity: Impact of Behavior and Support Satisfaction in Continental Portugal and São Miguel, Açores
Maria Rita Garoupa Albergaria Silva¹, Filipa Pimenta¹, Isabel Leal¹ (¹ISPA)
- T2P24 Biochemical and Technology Supported Feedback for Successful Weight Loss
Shilpa Tejpal¹, Narinder SANGHERA¹, Vijayalaxmi MANOHARAN¹, Joan PLANAS-IGLESIAS¹, Judith KLEIN-SEETHARAMAN² (¹Warwick Medical School, University of Warwick, Coventry, UK , ²Warwick Medical School, University of Warwick, Coventry, UK and Institute for Digital Healthcare, Warwick Manufacturing Group, University of Warwick, Coventry, UK)
- T2P25 Body Image Quality of Life Inventory: Preliminary Study for the Adaptation with a Portuguese Sample
Filipa Pimenta¹, Raquel Rosas², Juliana Campos³, Wanderson Silva³, João Maroco¹ (¹William James Center for Research, ISPA - Instituto Universitário de Ciências Psicológicas, Sociais e da Vida , ²ISPA - Instituto Universitário de Ciências Psicológicas, Sociais e da Vida , ³Department of Food and Nutrition, State University of São Paulo – UNESP)
- T2P26 Body mass index and illness perception as determinants of depressive symptomatology among cardiac patients
Alessandra Pokrajac-Bulian¹, Miljana Kucic¹ (¹Faculty of Humanities and Social Sciences, University of Rijeka)

- T2P27 Body mass index is associated with static balance and fall-risk in elders independently of age, gender, and moderate-to-vigorous physical activity
Adjane Maria Pontes César¹, Lucimere Bohn¹, Amanda Santos¹, Alynne Andaki¹, Alberto Alves¹, Joana Carvalho¹ (¹Research Centre in Physical Activity, Health and Leisure. Faculty of Sport. University of Porto. Portugal.)
- T2P28 Body perception and dissatisfaction in first graders
Paloma Leticia Jimenez-Flores¹, Montserrat Bacardí-Gascón¹, Arturo Jiménez-Cruz¹ (¹Universidad Autónoma de Baja California)
- T2P29 Body size ideals and dissatisfaction in Ghanaian adolescents: role of media, diet, physical activity and well-being.
Nathalie Michels¹, Sophia Domo Amanyah¹ (¹Ghent University)
- T2P30 Cardiorespiratory fitness and the cardiometabolic profile in inactive obese postmenopausal women: A MONET Study.
Ahmed Ghachem¹, Johann Colomba¹, Denis Prud'homme², Martin Brochu¹ (¹University of Sherbrooke , ²University of Ottawa)
- T2P31 Changes in Body Weight and Composition are Associated with Changes in Glycated Hemoglobin in the General Population The Study of Health in Pomerania (SHIP)
Marcello Ricardo Paulista Markus¹, Till Ittermann¹, Nicole Aumann¹, Sabine Schipf¹, Marcus Dörr¹, Henry Völzke¹ (¹University Medicine Greifswald)
- T2P32 Changes in legislation as an effective tool of obesity prevention and their application in the practice
Mullerova Dana¹, Razova Jarmila², Kostalova Alexandra³ (¹Charles University, Medical Faculty in Pilsen , ²The Regional Hygiene Station in Prague , ³The National Institute of Public Health, Prague)
- T2P33 Changes in plasma miRNAs expression in healthy overweight and obese subjects: the GLYNDIET study
Simona Giardina¹, Pablo-Hernández Alonso², Albert Salas-Huetos², Jordi Salas-Salvadó³, Mònica Bulló⁴ (¹Human Nutrition Unit URV Reus Spain , ²Human Nutrition Unit URV Reus Spain, IISPV Reus Spain , ³Human Nutrition Unit URV Reus Spain, IISPV Reus Spain, CIBEROBN-ISCIIM Madrid , ⁴Human Nutrition Unit URV Reus Spain , IISPV Reus Spain, CIBEROBN-ISCIIM Madrid)
- T2P34 CHANGES IN QUALITY OF LIFE, DIETARY, ACTIVITY AND SELF-MONITORING BEHAVIOURS AMONG SEVERELY OBESE INDIVIDUALS ATTENDING A MULTIDISCIPLINARY WEIGHT MANAGEMENT PROGRAMME
Karen Gaynor¹, Cathy Breen², Colin Dunlevy², Emer O'Malley², Natalie Wallace², Ruth Yoder², Donal O'Shea² (¹Weight Management Service, St. Columcille's Hospital, Loughlinstown, Co. Dublin, Republic of Ireland , ²S/S)
- T2P35 Changes to psychosocial health for obese women during energy restriction with and without exercise.
Daniel van den Hoek¹, Clint Miller¹, Steve Fraser¹, Steve Selig¹, John Dixon² (¹Deakin University Australia , ²Baker IDI Heart and Diabetes Institute)
- T2P36 Clinical findings on Body Mass Index in an Intellectual Disability Population and the effect of a healthy lifestyle intervention clinic
Patricia Boylan¹, Donal O'Shea², Brendan McCormack¹, Connor Woods³ (¹Cheeverstown , ²St Vincents University Hospital Dublin 4 , ³Nass General Hospital Kildare)
- T2P37 Comparing to BMI, waist circumference would be a better predictor of the incidence of diabetes ----- a five year follow up study in Macao
Ken Gu¹, Dulce Maia Trindade² (¹Macau Polytechnic Institute , ²Association of Portuguese Speaking Physicians of Macao)

- T2P38 Comparison of the obesity indices to predict cardiovascular risk factors and metabolic syndrome in Korean and US populations using representative nationwide sample data
Sang Woo Oh¹, Jin Kuk Kim², Yeong Sook Yoon³, Young Ho Yun⁴ (¹Department of Family Medicine, Center for Obesity, Metabolism and Nutrition, Dongguk University Ilsan Hospital, Goyang-Si, Gyeonggi-Do, Korea , ²Department of Neurosurgery, Hanil Hospital, Jinju-Si, Gyeongsangnam-Do, Korea , ³Department of Family Medicine, Inje University Ilsan Paik Hospital, Goyang-Si, Gyeonggi-Do, Korea , ⁴Department of Family Medicine, Seoul National University Hospital, Seoul, Korea)
- T2P39 Consumption of Sugar Sweetened Drinks: Evidence to support Government Policy of taxation as part of a suite of measures to address obesity
Janas M Harrington¹, Catherine Perry², Eimear Keane³, Ivan J Perry⁴ (¹University College Cork , ²University of Cambridge , ³HSE , ⁴University College Cork)
- T2P40 Could habits hold the key to weight loss maintenance? A randomised controlled trial
Gina Cleo¹, Elisabeth Isenring¹, Rae Thomas², Paul Glasziou² (¹Bond University , ²Centre for Research in Evidence-Based Practice, Bond University)
- T2P41 Cultural pattern of gender and the use of wellness treatments in overweight women
Monika Bąk-Sosnowska¹, Dominika Janik¹ (¹Department of Psychology, Chair of Social Sciences and Humanities, School of Health Sciences in Katowice, Medical University of Silesia in Katowice, Poland)
- T2P42 Determination of the fructose enrichment threshold in diets inducing nonalcoholic fatty liver disease and its characteristics
Nicole Fakhoury-Sayegh¹, Raymond Sayegh², Viviane Track-Smayra³, Omar Obeid⁴, Sabine El Asmar- Saad⁵, Aline Khazzaka⁶ (¹Department of Nutrition, Faculty of Pharmacy, Saint Joseph University, Damascus Road, Beirut, Lebanon , ²Department of Gastroenterology, Faculty of Medicine, Saint Joseph University, Damascus Road, Beirut, Lebanon , ³Department of Pathology, Faculty of Medicine, Saint Joseph University, Damascus Road, Beirut, Lebanon , ⁴Department of nutrition and food sciences, Faculty of Agricultural and food sciences, American University of Beirut, Beirut, Lebanon , ⁵Department of Laboratory Sciences, Faculty of Pharmacy, Saint Joseph University, Damascus Road, Beirut, Lebanon , ⁶Department of Surgical research, Faculty of Medicine, Saint Joseph University, Damascus Road, Beirut, Lebanon)
- T2P43 Development of Physical activity, BMI, and waist circumference (WC) during the first working year in different job sectors.
Matthias Dreher¹, Prof. Dr. Dr. Perikles Simon² (¹Johannes Gutenberg University Mainz, Department of Sports Medicine, Rehabilitation and Disease Prevention , ²Johannes Gutenberg University Mainz, Faculty of Social Science, Media and Sport Department of Sports Rehabilitation and Disease Prevention)
- T2P44 Diet quality among Portuguese adolescents: associations between body composition, physical activity, sleep and socio-economic status
Ana Silva¹, Isabel Fragoso¹, Júlia Teles¹ (¹Faculdade de Motricidade Humana, Universidade de Lisboa)
- T2P45 Diet Quality Predicts Visceral Adiposity and Liver Fatness: The Multiethnic Cohort Study
Gertraud Maskarinec¹, Unhee Lim¹, Simone Jacobs², Kristine R. Monroe³, Thomas Ernst⁴, Steven D. Buchthal⁴, John A. Shepherd⁵, Lynne R. Wilkens¹, Loïc Le Marchand¹, Carol J. Boushey¹ (¹University of Hawaii Cancer Center , ²University of Heidelberg , ³University of Southern California , ⁴University of Hawaii , ⁵University of California at San Francisco)
- T2P46 Diet, smoking and physical activity in nondiabetic patients: Is our patient education effective?
Stepan Svacina¹, Gabriel Pallay² (¹Charles University, 1st Medical faculty, 3rd Medical Department , ²Dr Max Pharmacies, Czech Republic)
- T2P47 Dietary energy density is positively associated with body composition in Chinese adults: a cross-sectional study
Jun Yin¹, Yuan-yuan Chen¹, Hong-mei Xue¹, Guo Cheng¹ (¹Department of Nutrition, Food Safety and Toxicology, West China School of Public Health, Sichuan University)
- T2P48 Dietary habits, nutrition-related lifestyle and health locus of control in Croatian adolescents who live in two distinctive regions

Olgica Martinis¹, Miran Čoklo², Joško Sindik², Saša Missoni² (¹Education and Teacher Training Agency, Zagreb, Croatia , ²Institute for Anthropological Research, Zagreb, Croatia)

- T2P49 Divergence in Perceptions and Attitudes among People with Obesity, Healthcare Professionals, and Employers create Barriers to Effective Obesity Management: Results of the National ACTION Study
Nikhil Dhurandhar¹, Lee M Kaplan², Angela Golden³, Kim Jinnett⁴, Ronette L Kolotkin⁵, Theodore K Kyle⁶, Michelle Look⁷, Joseph Nadglowski⁸, Patrick M O'Neil⁹, Thomas Parry⁴, German Guerrero¹⁰, Søren Kruse Lilleøre¹¹, Kenneth Tomaszewski¹² (¹Texas Tech University, Lubbock, TX, USA , ²Massachusetts General Hospital, Boston, MA, USA , ³NP from Home, LLC, Munds Park, AZ, USA , ⁴Integrated Benefits Institute, San Francisco, CA, USA , ⁵Quality of Life Consulting PLLC, Durham, NC, USA , ⁶ConsciencHealth, Pittsburgh, PA, USA , ⁷San Diego Sports Medicine and Family Health, San Diego, CA, USA , ⁸Obesity Action Coalition, Tampa, FL, USA , ⁹Medical University of South Carolina, Charleston, SC, USA , ¹⁰Novo Nordisk Inc, Plainsboro, NJ, USA , ¹¹Novo Nordisk A/S, Søborg, Denmark . ¹²KIT Group Inc. Honeove Falls. NY. USA)
- T2P50 Do behavioural weight management programmes exacerbate inequalities?
Nerys M Astbury¹, Paul Aveyard¹, Susan Jebb¹ (¹University of Oxford)
- T2P51 Does ethnicity make a difference in the association between obesity and depression?
Deborah Gibson-Smith¹, Marieke Snijder², Mariska Bot¹, Mary Nicolaou², Eske Derks², Karien Stronks², Brenda WJH Penninx¹ (¹VU University Medical Center, Amsterdam, The Netherlands , ²Department of Public Health, Academic Medical Center, Amsterdam, The Netherlands)
- T2P52 Eating Inventory, body adiposity and cardiometabolic health risks in adolescents
Hainer V¹, Zamrazilova H¹, Kunesova M¹, Aldhoon-Hainerova I² (¹Institute of Endocrinology, Obesity Management Centre, Prague, Czech Republic , ²Institute of Endocrinology, Obesity Management Centre, Prague, Czech Republic; Department of Paediatrics, 3rd Faculty of Medicine, Charles University, Prague, Czech Republic)
- T2P53 Educated women respond to dietary intervention regardless of neighbourhood deprivation – secondary analysis from the ROLO Study
Eileen C O'Brien¹, Goiuri Alberdi¹, Aisling A Geraghty¹, Fionnuala M McAuliffe¹ (¹UCD Perinatal Research Centre, Obstetrics & Gynaecology, School of Medicine, University College Dublin, National Maternity Hospital, Dublin, Ireland)
- T2P54 Effectiveness of weight loss diet interventions: the difference between men and women
Olga Korneeva¹, Oxana Drapkina¹ (¹National Research Center for Preventive Medicine of the Ministry of Healthcare of the Russian Federation, Moscow, Russian Federation)
- T2P55 Effects of a health education intervention on sedentary time, moderate-to-vigorous physical activity, and body mass index in individuals with moderate-to-high cardiovascular risk
Lucimere Bohn¹, Pedro Sa-Couto², Ana Ramoa Castro³, Fernando Ribeiro⁴, Jose Oliveira⁵ (¹Faculty of Sport, University of Porto. Research Centre in Physical Activity, Health and Leisure, Porto, Portugal. , ²Center for Research and Development in Mathematics and Applications (CIDMA), Department of Mathematics (DMAT), University of Aveiro, Aveiro, Portugal. , ³Primary Care Centre Espaço Saúde. Aldoar, Porto, Portugal. , ⁴School of Health Sciences and Institute of Biomedicine–iBiMED, University of Aveiro, Aveiro, Portugal. , ⁵University of Porto. Research Centre in Physical Activity, Health and Leisure. Porto, Portugal.)
- T2P56 Effects of maternal anthropometrics on short- and long-term pregnancy outcomes in South Asian women: A systematic review
Emma Slack¹, Judith Rankin¹, Daniel Jones², Nicola Heslehurst¹ (¹Newcastle University , ²Teesside University)
- T2P57 Effects of physical activity-induced weight loss on bone health in obese adolescents
Chaplais Elodie¹, Masurier Julie², Dutheil Frederic³, Duclos Martine³, Green Dave⁴, Naughton Geraldine⁵, Thivel David⁶, Courteix Daniel⁶ (¹Clermont Auvergne University , ²SSR UGECAM Nutrition Obésité, Clermont-Ferrand, France , ³CHU Clermont-Ferrand, Clermont-Ferrand, France , ⁴Australian Catholic University, Sydney, Australia , ⁵Australian Catholic University, Melbourne, Australia , ⁶Clermont Auvergne University, France)

- T2P58 Entrenched deterrents to obesity prevention require an imposed population-based approach
James L. DeBoy¹ (¹Lincoln University of PA (USA))
- T2P59 Evaluation of Food And Nutritional Education Actions in the Municipalities of Brazil in 2010.
Isabela Cicaroni Ottoni¹, Daniel H. Bandoni¹ (¹UNIFESP - Universidade Federal de São Paulo)
- T2P60 Evaluation of food consumption of women with morbid obesity
Fernanda Cristina Carvalho Mattos Magno¹, Helena Chrispim Guaraná¹, Aline Pereira Pedrosa¹, Ana Carolina Ximenes¹, João Régis Ivar Carneiro², Eliane Lopes Rosado¹ (¹Universidade Federal do Rio de Janeiro , ²Hospital Universitário Clementino Fraga Filho)
- T2P61 Evaluation of the characteristics of carbohydrates and fatty acids intake in normal weight overweight and obese by gender
Eszter HALMY¹, Gertrúd KOVÁCS², László Gyula HALMY³, András PAKSY⁴ (¹Hungarian Society for the Study of Obesity, Budapest , ²Platon Health Ltd., Budapest , ³University Hospital, Regensburg , ⁴Hungarian Society for the Study of Obesity)
- T2P62 Exploring consumers' attitudes related to healthy nutrition in the context of reading labels
Mirosław Jarosz¹, Magdalena Siuba-Strzelińska¹ (¹National Food and Nutrition Institute)
- T2P63 External Validation of Equations to Predict Percentage Body Fat Using Demographic and Anthropometric Measurements: Fels Longitudinal Study 1999 - 2006
June Stevens¹, Kamika R Reynolds¹, Jianwen Cai¹, Audrey C Choh², Stefan A Czerwinski² (¹University of North Carolina Chapel Hill , ²University of Texas Health Science Center at Houston, School of Public Health, Brownsville, TX)
- T2P64 Factors associated the occurrence of obesity in aging
Tânia Aparecida de Araujo¹, Michel Satya Naslavsky², Yeda Aparecida de Oliveira Duarte¹ (¹School of Public Health, University of São Paulo , ²Human Genome Research Center, University of São Paulo)
- T2P65 Factors associated with the risk of eating disorders among nutrition students
Fabiola Antunes Martins¹, Giovanna Grünewald Vietta¹, Elayne Pereira¹, Ana Carolina Ferreira da Silva¹, Fabiana Oenning da Gama¹, Marcia Regina Kretzer¹ (¹Universidade do Sul de Santa Catarina)
- T2P66 Factors relating to Motivation to Change Behaviours in Individuals who are Overweight
Dr Teresa Wills¹, Professor Geraldine McCarthy¹, Dr Nicola Cornally¹ (¹University College Cork)
- T2P67 Feasibility and acceptability of a Healthy Takeaway Masterclass aimed at improving cooking practices and menu options in takeaway food outlets
Frances Hillier-Brown¹, Ashley Adamson², Louis Goffe², Natalie Thomlinson², Jean Adams³, Linda Penn², Wendy Wreiden², Carolyn Summerbell¹, Martin White³, Amelia Lake⁴, Helen Moore¹, Charles Abraham⁵, Vera Araújo-Soares² (¹Obesity Related Behaviours Research Group, Durham University , ²Institute for Health and Society, Newcastle University , ³Centre for Diet and Activity Research (CEDAR), University of Cambridge , ⁴Centre for Public Policy & Health, Durham University , ⁵Psychology Applied to Health, University of Exeter)
- T2P68 Fitness Mitigate the Influence of Obesity in Health Related Quality of Life in Young Adults

Miriam Garrido-Miguel¹, Celia Álvarez-Bueno¹, Iván Caverro-Redondo¹, Diana P. Pozuelo-Carrascosa¹, Lidia Lucas-de la Cruz¹, Jose A. Martínez-Hortelano¹, Alba Soriano-Cano¹, Jorge C. García-Prieto
(¹Health and Social Research Center. Universidad de Castilla-La Mancha, Cuenca. Spain)

- T2P69 Freedom, choice and obesity prevention policies
Garrath Williams¹ (¹Lancaster University)
- T2P70 Genetic predisposition to obesity, restrained eating and changes in body weight – a population-based prospective study
Hanna Konttinen¹, Clare Llewellyn², Karri Silventoinen¹, Anni Joensuu³, Satu Männistö³, Veikko Salomaa³, Pekka Jousilahti³, Jaakko Kaprio¹, Markus Perola³, Ari Haukkala¹ (¹University of Helsinki, Helsinki, Finland , ²University College London, London, UK , ³National Institute for Health and Welfare, Helsinki, Finland)
- T2P71 Genetic relationship between the rs9939609 FTO polymorphism, body mass index and depression
Maria Agudo¹, Blanca Gutierrez¹, Jorge Cervilla¹, Ana Ching-Lopez¹, Esther Molina², Kathryn Mc Kenney¹, Isabel Ruiz-Perez³, M Rodriguez-Barranco⁴, Margarita Rivera¹ (¹University of Granada , ²University of Seville , ³Andalusian School of Public Health and CIBERESP , ⁴Andalusian School of Public Health)
- T2P72 Habitual physical activity, independent of moderate-vigorous activity, predicts amount of liver fat and metabolic health status
K.A. Bowden Davies¹, V.S. Sprung¹, J.A. Norman¹, J.P.H. Wilding¹, G.J. Kemp², D.J. Cuthbertson¹ (¹Institute of Ageing and Chronic Disease, University of Liverpool, UK , ²Magnetic Resonance and Image Analysis Research Centre (MARIARC), University of Liverpool, UK)
- T2P73 Health Behaviours and Lifestyles Characteristics of University Students
Sandra Fernandes Fonseca¹, Maria Isabel Mourão-Carvalho¹, Eduarda Maria Coelho¹ (¹Universidade de Trás-os-Montes e Alto Douro)
- T2P74 Healthy ranges of key micronutrients in menu-plans based on dietary recommendations
Hilary Green¹, Fabio Mainardi², Vera Steullet² (¹Nestlé Research Center , ²Nestlé Institute of Health Sciences)
- T2P75 High dietary calcium intake and a lack of dairy consumption are associated with metabolic syndrome in obese males: the Korean National Health and Nutrition Examination Survey 2010 to 2012
Bo-Ra Shin¹, Ha-Na Kim¹, Sang-Wook Song¹ (¹Department of Family Medicine, The Catholic University of Korea College of Medicine, Seoul, Korea)
- T2P76 How adolescent patients enrolled in an outpatient pediatric obesity clinic experience online weight-, food-, and health information
Christopher Holmberg¹, Christina Berg¹, Jovanna Dahlgren², Lauren Lissner³, John Eric Chaplin² (¹University of Gothenburg; Department of Food and Nutrition, and Sport Science , ²University of Gothenburg and Sahlgrenska University Hospital; Department of Pediatrics and Sahlgrenska Academy , ³University of Gothenburg;)
- T2P77 How People Are Able Or Willing To Follow Dietary Recommendations
Hana Stritecka¹, Dalibor Pastucha² (¹University of Defence, Faculty of Military health Sciences , ²ReFit Clinic)
- T2P78 IMPACT OF A LOW CARBOHYDRATE AND A HIGH FIBRE DIET IN THE CENTRAL OBESITY OF A LOW SOCIOECONOMIC FEMALE POPULATION.
Izabela Ferraz¹, izabela Gelisk², Ana Marice Ladeia³, Maria de Lourdes Lima⁴, Armenio Costa Guimarães³ (¹School of Medicine and Health , ²Regional college of bahia , ³Bahiana school of medicine , ⁴Bahiana School of Medicine)
- T2P79 Impact of school environmental programs on anthropometry, nutrition-related knowledge, and fitness in Austrian adolescents

Maria Luger¹, Eva Luger¹, Manuel Schätzer², Petra Rust³, Birgit Wild⁴, Andrea Ladstätter⁵, Anita Rieder⁶, Monika Lechleitner⁷, Friedrich Hoppichler⁸ (¹Special Institute for Preventive Cardiology And Nutrition – SIPCAN, Salzburg; Division of Social and Preventive Medicine, Centre for Public Health, Medical University of Vienna , ²Special Institute for Preventive Cardiology And Nutrition – SIPCAN, Salzburg , ³Department of Nutritional Sciences, University of Vienna , ⁴Department of Psychology and Medical Sciences, UMIT – Private University of Health Sciences, Medical Informatics and Technology, Hall in Tirol , ⁵Tyrolean educational board, Austria , ⁶Division of Social and Preventive Medicine, Centre for Public Health, Medical University of Vienna , ⁷Special Institute for Preventive Cardiology And Nutrition – SIPCAN, Salzburg; Department of Internal Medicine, Landeskrankenhaus Hochzirl - Natters , ⁸Special Institute for Preventive Cardiology And Nutrition – SIPCAN, Salzburg Department of Internal Medicine, Krankenhaus der Barmherzigen Brüder Salzburg)

- T2P80 Incidence of Abdominal Obesity and its Risk Factors Among Tehranian Adults
Maryam Barzin¹, Zahra Piri¹, Serahati Sara¹, Majid Valizadeh¹, Fereidoun Azizi², Farhad Hosseinpanah¹ (¹Obesity Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran , ²Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran.)
- T2P81 Individual behaviours or sociodemographic factors is more “obesogenic” in school children’s parents from Gdańsk
Anna Walentukiewicz¹, Malgorzata Resiak¹, Wozniak Kamila¹, Anna Lysak¹ (¹University of Physical Education and Sport, Gdansk, Poland)
- T2P82 Influence of anthropometric factors on altered postural stability: the relationship between body composition and body oscillation
Thaynara Maestri¹, Luan Junior Vignatti¹, Andréia Clara Nazário², Nazaré Otilia Nazário¹, Anna Quialheiro Abreu Da Silva¹ (¹Universidade do Sul de Santa Catarina - UNISUL , ²Universidade Federal de Santa Catarina - UFSC)
- T2P83 Influence of School Fruit and Vegetable Scheme on fruit and vegetable consumption among school children during 3 years of evaluation
Katarzyna Wolnicka¹, Anna Taraszewska¹, Joanna Jaczewska-Schuetz¹, Mirosław Jarosz¹, Monika Niewiarowska² (¹National Food and Nutrition Institute , ²Agricultural Market Agency)
- T2P84 Insights and Perceptions of Obesity Management in Older People with Obesity: Results of the ACTION (Awareness, Care, and Treatment In Obesity maNagement) study
Michelle Look¹, Angela Golden², Theodore K Kyle³, Nikhil Dhurandhar⁴, Boris Stevenin⁵, Madhuri Kothari⁵, Kenneth Tomaszewski⁶ (¹San Diego Sports Medicine and Family Health, San Diego, CA, USA , ²NP from Home LLC, Munds Park, AZ, USA , ³ConsciencHealth, Pittsburgh, PA, USA , ⁴Texas Tech University , ⁵Novo Nordisk Inc, Plainsboro, NJ, USA , ⁶KJT Group Inc, Honeoye Falls, NY, USA)
- T2P85 Interactions between genetic variants associated with adiposity traits and soft drinks in relation to longitudinal changes in body weight and waist circumference
Nanna J. Olsen¹, Lars Ångquist², Sofus C. Larsen¹, Allan Linneberg³, Tea Skaaby³, Lise Lotte N Husemoen³, Ulla Toft³, Anne Tjønneland⁴, Jytte Halkjær⁴, Torben Hansen⁵, Oluf Pedersen⁵, Kim Overvad⁶, Tarunveer S Ahluwalia⁵, Thorkild IA Sørensen², Berit L Heitmann¹ (¹Research Unit for Dietary Studies at the Parker Institute and Institute of Preventive Medicine, Bispebjerg and Frederiksberg Hospital, Copenhagen, Denmark , ²Institute of Preventive Medicine, Bispebjerg and Frederiksberg Hospital, Copenhagen, Denmark , ³Research Centre for Prevention and Health, Copenhagen, Denmark , ⁴Danish Cancer Society Research Center, Copenhagen, Denmark , ⁵Novo Nordisk Foundation Center for Basic Metabolic Research, Section of Metabolic Genetics, Faculty of Health and Medical Sciences . ⁶Section of Epidemiology. Department of Public Health. Aarhus University. Aarhus. Denmark:)
- T2P86 Landscape Review of Obesity Research in Scotland
Ruth Jepson¹, Michelle Estrade¹, Stephen Malden¹, Daryll Archibald¹ (¹SCPHRP, University of Edinburgh)
- T2P87 LIFE EVENTS, QUALITY OF LIFE, AUTONOMIC NERVOUS SYSTEM, AND OBESITY RISK

Ivan Majerèák¹, Slepecky Milos², Gyorgyova Erika³, Kotianova Antonia⁴, Kotian Michal⁴, Zatkova Marta², Chupacova Michaela⁴, Prasko Jan⁵ (¹1st Department of Internal Medicine, Faculty of Medicine, Pavol Josef Safarik University in Kosice, the Slovak Republic , ²Department of Psychology Sciences, Faculty of Social Science and Health Care, Constantine the Philosopher University in Nitra, the Slovak Republic , ³Internal Medicine and Cardiology private practice MUDr Ivan Majercak, Mudronova 29, Kosice, the Slovak Republic , ⁴Psychagogia, Garbiarska 3948, 03101 Liptovsky Mikulas, the Slovak Republic , ⁵Department of Psychiatry, Faculty of Medicine and Dentistry, University Palacky Olomouc, University Hospital, 77520 Olomouc, the Czech Republic)

T2P88

Long-term trends of overweight and obesity in Russian population

Diana Denisova¹, Sofia Malyutina¹, Mikhail Voevoda¹, Larisa Zavyalova¹, Lilia Sherbakova¹ (¹Research Institute of Internal and Preventive Medicine)

T2P89

Magnitude of overweight and obesity in older adults of different birth cohorts (1936 to 1940 and 1946 to 1950): Health, Wellbeing and Aging (SABE) Study

Manuela de Almeida Roediger¹, Maria de Fátima Nunes Marucci¹, Daiana Aparecida Quintiliano Scarpelli Dourado¹, Denise Rodrigues Bueno¹, Claudia Sebba Tosta de Souza¹, Yeda Aparecida de Oliveira Duarte², Maria Lucia Lebrão³ (¹Department of Nutrition, School of Public Health, University of São Paulo/ Brazil , ²Department of Nursing Medical-Surgical School of Nursing, University of São Paulo/ Brazil , ³Department of Epidemiology, School of Public Health, University of São Paulo/ Brazil)

T2P90

Maintenance Factors of Obesity in Adults with and without Binge Eating

Cristina Martins Horta¹, Filipa Pimenta², João Maroco², Isabel Leal² (¹ISPA - Instituto Universitario de Ciências Psicológicas, Sociais e da Vida , ²ISPA - Instituto Universitario de Ciências Psicológicas, Sociais e da Vida - William James Center for Research)

T2P91

Maternal pre-pregnancy obesity and maternal prenatal depressive symptoms across 41.478 person-observations

Satu M Kumpulainen¹, Marius Lahti², Soile Tuovinen¹, Anu-Katriina Pesonen¹, Kati Heinonen¹, Eero Kajantie³, Pia M Villa⁴, Esa Hämäläinen⁵, Hannele Laivuori⁶, Katri Räikkönen¹ (¹Institute of Behavioral Sciences, University of Helsinki, Finland , ²Institute of Behavioral Sciences, University of Helsinki, Finland; Endocrinology Unit, University/BHF Centre for Cardiovascular Science, Queen's Medical Research Institute, Edinburgh, UK , ³National Institute for Health and Welfare, Helsinki, Finland; Children's Hospital, University of Helsinki and Helsinki University Hospital, Finland; Department of Obstetrics and Gynaecology, MRC Oulu, Oulu University Central Hospital and University of Oul , ⁴Research Programmes Unit, Women's Health, University of Helsinki, Finland; Department of Obstetrics and Gynaecology(PV), University of Helsinki and Helsinki University Central Hospital, Finland , ⁵HUSLAB and Department of Clinical Chemistry, Helsinki University Central Hospital, University of Helsinki, Finland , ⁶Haartman Institute, Medical Genetics, University of Helsinki, Finland)

T2P92

Measurement of the dissatisfaction index and body image distortion in a population of university students

Addí Rhode Navarro Cruz¹, Obdulia Vera López¹, Yolanda Mena Zepeda¹, Raúl Avila Sosa¹, Martin Lazcano Hernández¹, Carlos Enrique Ochoa Velasco¹ (¹Benemérita Universidad Autónoma de Puebla)

T2P93

Milk-based post-resistance exercise supplementation: effect on lipid oxidation and fat mobilization during exercise recovery

Taha Amamou¹, Dominic Tremblay², Adeline Fontvieille¹, Isabelle J. Dionne¹, Eleonor Riesco¹ (¹Faculty of physical activity sciences, Université de Sherbrooke; Research Center on Aging , ²Faculty of medicine and health sciences, Université de Sherbrooke)

T2P94

Modulation of postingestive reward mechanisms by weight loss surgery

Ana Gabriela Cunha Ribeiro¹, Ana B. Fernandes¹, Marta Camacho¹, Maria Manuela Oliveira², João Sequeira Duarte², Rui M. Costa¹, Albino J. Oliveira-Maia¹ (¹Champalimaud Research and Clinical Centre, Champalimaud Centre for the Unknown, Lisboa Portugal. , ²Centro Hospitalar de Lisboa Ocidental, Lisboa, Portugal.)

T2P95

Monetary Diet Cost is Positively Associated with Body Composition and Obesity Among School-aged Children in South West China

Jieyi Zhang¹, Hongmei Xue¹, Jun Yin¹, Danting Li¹, Yuanyuan Chen¹, Guo Cheng¹ (¹West China School of Public Health, Sichuan University, Chengdu, P.R. China)

- T2P96 Multidimensional analysis of socio-demographic and life-style factors, personality features and emotional disturbances affecting nutritional status in young and middle age people
Wojciech Gruszka¹, Katarzyna Wyskida², Piotr Kocelak³, Aleksander Owczarek⁴, Jerzy Chudek¹, Magdalena Olszanecka-Glinianowicz³ (¹Pathophysiology Unit, Department of Pathophysiology, Medical Faculty in Katowice, Medical University of Silesia, Katowice, Poland , ²Health Promotion and Obesity Management Unit, Department of Pathophysiology, Medical Faculty in Katowice, Medical University of Silesia, Katowice, Poland , ³Health Promotion and Obesity Management Unit, Department of Pathophysiology, Medical School in Katowice, Medical University of Silesia, Katowice, Poland , ⁴Department of Statistics, Department of Instrumental Analysis, Faculty of Pharmacy and Laboratory Medicine in Sosnowiec, Medical University of Silesia, Katowice, Poland)
- T2P97 Neuro-Olfactory Reprogramming - RNO - A new approach in the treatment of eating behaviors
NICOLAS PINELLI¹ (¹indépendant researcher)
- T2P98 Non-vitamin carotenoids: content in the diets of overweight students
A.A.Korolev¹, E.V.Kirpichenkova¹, E.I.Nikitenko¹, E.L.Denisova¹, D.V.Lipatov², A.G.Kuzmin², Y.A.Dyskin², R.N.Fetisov¹ (¹I.M. Sechenov First Moscow State Medical University , ²Endocrinology research centre)
- T2P99 Nutrition recommendations for university students to promote health and weight management
Paula Hakala¹ (¹The Social Insurance Institution)
- T2P100 Nutritional knowledge, information sources and health beliefs: data to improve strategies in obesity prevention
Ana Ruas de Melo¹, Graça Andrade², Lino Mendes² (¹Faculdade de Medicina da Universidade de Lisboa , ²Escola Superior de Tecnologia da Saúde de Lisboa)
- T2P101 Obesity and a sense of coherence, exploring integrative perspectives to expand therapeutic resources
Zulich, karina Paola¹, Olkies, Abel¹, Ravenna, Maximo¹ (¹Maximo Ravenna therapeutic Centre)
- T2P102 Obesity and breast cancer
Bahram Rashidkhani¹, Saba Jalili¹ (¹Shahid Beheshti University of Medical Sciences)
- T2P103 Obesity and inflammatory biomarkers as predictors of metabolic syndrome in Brazilian older adults living in the community dwelling: Health, Wellbeing and Aging (SABE) Study
Manuela de Almeida Roediger¹, Maria de Fátima Nunes Marucci¹, Etienne Larissa Duim², Jair Lício Ferreira Santos³, Yeda Aparecida de Oliveira Duarte Maria Lucia Lebrão⁴, Maria Lucia Lebrão⁵ (¹Department of Nutrition, School of Public Health, University of São Paulo/ Brazil , ²PhD Student in Epidemiology, Public Health School, University of São Paulo, São Paulo, Brazil , ³ Medical School of Ribeirão Preto, University of São Paulo / Brazil Department of Nursing of School of Nursing, University of São Paulo, São Paulo, Brazil. , ⁴Department of Nursing of School of Nursing, University of São Paulo, São Paulo, Brazil. , ⁵Department of Epidemiology of Faculty of Public Health, University of São Paulo, São Paulo, Brazil)
- T2P104 Obesity and smoking are jointly associated with sickness absence among midlife employees
Eira Roos¹, Tea Lallukka², Eero Lahelma¹, Ossi Rahkonen¹ (¹University of Helsinki, Department of Public Health , ²University of Helsinki, Department of Public Health; Finnish Institute of Occupational Health)
- T2P105 Obesity Policy and Action Plan - A whole of Government and a whole of Society approach, the Irish model?
Nazih Eldin¹, John Devlin¹ (¹Department of Health)

- T2P106 Obesity, anxiety and depression in a menopause model
Valter Tadeu Boldarine¹, Amanda Paula Pedroso¹, Nelson Inácio Pinto Neto¹, Ana Paula Segantine Dornelas², Cláudia Maria da Penha Oller do Nascimento¹, Lila Missae Oyama¹, Eliane Beraldi Ribeiro¹ (¹Universidade Federal de São Paulo , ²Universidade Federal do Paraná)
- T2P107 Obesity, Binge Eating Disorder and Food Addiction: What do neurobiological studies tell us?
Iris Balodis¹, Michele Laliberte², Michele Laliberte² (¹McMaster University , ²St. Joseph's Healthcare Hamilton)
- T2P108 Objective measures of free-living physical activity and sedentary behaviour and their association with control over eating and food preferences in women.
Pauline Oustric¹, Graham Finlayson¹, Anna Myers¹, Edward Butler², Cecilia Long¹, Kristine Beaulieu¹, Sophie Hollingworth¹, Michelle Dalton¹, Nicola Buckland¹, John Blundell¹, Catherine Gibbons¹ (¹University of Leeds , ²Endava UK Ltd.)
- T2P109 Overweight and obesity are avoidable causes of cancer
Elisabete Weiderpass¹, Harri Vainio², Harri Vainio² (¹Cancer Registry of Norway Institute of Population Based Cancer Epidemiology , ²Faculty of Public Health, Kuwait University)
- T2P110 Overweight prevalence and trends in Hungarian adults: the Hungarian Diet and Nutritional Status Surveys 2009 and 2014
Gergő Erdei¹, Márta Bakacs¹, Eszter Sarkadi Nagy¹, Anna Viktória Kovács¹ (¹National Institute of Pharmacy and Nutrition)
- T2P111 Paternal antenatal Vitamin D intake is associated with offspring's height and weight aged five and nine years in the Lifeways Cross-Generation Cohort Study, Republic of Ireland
Cilia Mejia-Lancheros¹, John Mehegan¹, Celine Murrin¹, Cecily Kelleher¹ (¹UCD School of Public Health, Physiotherapy and Sports Science)
- T2P112 Patterns of Public Opinions about Obesity and People with Obesity in Sweden, UK, Germany, and Italy
Theodore K Kyle¹, Angelo Pietrobelli², Joseph Nadglowski³, Daniele Di Pauli⁴, Anja Hilbert⁵, Ximena Ramos Salas⁶, Diana Thomas⁷, Rebecca Puhl⁸ (¹ConscienHealth , ²Pediatric Unit, Verona University Medical School, Verona, Italy , ³Obesity Action Coalition, Tampa, FL, USA , ⁴G.B. Rossi Hospital, Verona, Italy , ⁵Integrated Research and Treatment Center Adiposity Diseases, University of Leipzig Medical Center, Leipzig, Germany , ⁶Canadian Obesity Network, Edmonton, Alberta, Canada , ⁷Center for Quantitative Obesity Research, Montclair State University, Montclair, NJ, USA , ⁸Rudd Center for Food Policy and Obesity, University of Connecticut, Hartford, CT, USA)
- T2P113 Physical Activity Level assessed by a self-report questionnaire and accelerometry in adolescents: a relative validation and the importance of considering non-wear time activities in accelerometry data
Catarina Santos Silva¹, Ana Lúcia Silva¹, Isabel Fragoso¹, Júlia Teles¹ (¹Faculty of Human Kinetics, University of Lisbon)
- T2P114 Preconceptual Body Mass Index as Predictor for Gestational Diabetes
Eva-Christina Krzizek¹, Carsten Thilo Herz², Johanna Brix¹, Bernhard Ludvik¹ (¹Department of Medicine 1 and Karl Landsteiner Institute for Obesity and Metabolic Diseases, Rudolfstiftung Hospital Vienna , ²Department of Medicine II, Medical University Vienna and Karl Landsteiner Institute for Obesity and Metabolic Diseases, Rudolfstiftung Hospital Vienna)
- T2P115 Pregnancy as a common starting point of obesity among women
Feray Akbas¹, Hanife Usta Atmaca¹, Fettah Sametoglu¹, Mustafa Boz¹, Servet Emir¹ (¹Istanbul Training and Research Hospital, Internal Medicine)
- T2P116 Pregnancy-related sleep disorders according to preconception obesity and gestational weight gain - the 3D cohort study

Benjamin C. GUINHOYA¹, Djamel ZITOUNI², Michèle BISSON³, Frédéric SERIES⁴, William FRASER⁵, Isabelle MARC³ (¹Univ. Lille, EA 2694, Public Health: Epidemiology and Healthcare quality, ILIS, F-59000 Lille, FRANCE , ²Univ. Lille, EA 2694, Public Health: Epidemiology and Healthcare quality, Department of Biomathematics, F-59000 Lille, FRANCE , ³Department of Pediatrics, Research Centre of CHUQ, Laval University, Quebec, QC, CANADA , ⁴Research Unit in Pneumology, Research Centre, Laval University, Quebec, QC, CANADA , ⁵Research Centre of CHU Sherbrooke, University of Sherbrooke, Sherbrooke, QC, CANADA)

- T2P117 Prevalence and factors associated with the practice of physical exercise among obese people in southeastern and southern Brazil in 2014
Luan Junior Vignatti¹, Thaynara Maestri¹, Andréia Clara Nazário², Nazaré Otilia Nazário¹ (¹Universidade do Sul de Santa Catarina - UNISUL , ²Universidade Federal de Santa Catarina - UFSC)
- T2P118 Prevalence and incidence of sarcopenic obesity in a cohort of Brazilian older adults
Leila Ali Hassan Kassab Crisostomo¹, Maria de Fátima Nunes Marucci², Manuela de Almeida Roediger¹, Marianne Aparecida Pinheiro da Rocha¹, Yeda Aparecida de Oliveira Duarte³, Maria Lucia Lebrão⁴, Jair Lício Ferreira Santos⁵ (¹Department of Nutrition, School of Public Health, University of São Paulo/ Brazil , ²Department of Nutrition, School of Public Health, University of São Paulo / Brazil , ³Department of Nursing Medical-Surgical School of Nursing, University of São Paulo/ Brazil , ⁴Department of Epidemiology, School of Public Health, University of São Paulo/ Brazil , ⁵Medical School of Ribeirão Preto, University of São Paulo / Brazil)
- T2P119 Prevalence and predictors of early gestational weight gain associated with obesity risk in a diverse antenatal population
Kyra Sim¹, Sophia Berkemeier², Kate Cheney³, Adrienne Gordon³, Kirsten I Black³ (¹The University of Sydney , ²Division of Obstetrics and Gynaecology, Campbelltown Hospital , ³Discipline of Obstetrics, Gynaecology and Neonatology, The University of Sydney)
- T2P120 PREVALENCE OF OBESITY AND FACTORS ASSOCIATED IN TEACHERS AND EMPLOYEES OF BRAZILIAN STATE SCHOOLS
Elza Cristina Silva¹, Manuela de Almeida Roediger², Rita Maria Monteiro Goulart², Ana Maria Sanches¹, Mirian Matsura Shirassu¹, Jaques Waisberg¹, Maria de Lourdes do Nascimento da Silva¹ (¹Instituto de Assistência ao Servidor Público Estadual - HSPE/ IAMSPE- SP/Brazil , ²Faculdade de Saúde Pública -FSP, da Universidade de São Paulo - USP/ Brazil)
- T2P121 Prevalence of overweight and obesity among Bulgarian university students from 2008 to 2014
Vania Birdanova¹ (¹Department of Hygiene, Medical Ecology and Occupational Diseases and Primary Health Department Disaster, Medical University of Pleven, Bulgaria)
- T2P122 Promotion of food security in adolescents using new technologies: Effectiveness analysis of an intervention program
Ana Prioste¹, Helena Fonseca², Maria João Gregório³, Helena Canhão³ (¹Faculdade de Psicologia, Universidade de Lisboa, Portugal; Escola de Psicologia e Ciências da Vida, COPELABS, Universidade Lusófona, Portugal. , ²Department of Paediatrics, Hospital de Santa Maria, Faculdade de Medicina, Universidade de Lisboa, Portugal. Rheumatology Research Unit, Instituto de Medicina Molecular, Faculdade de Medicina, Universidade de Lisboa, Lisboa, Portugal. , ³Faculdade de Ciências Médicas, Universidade Nova de Lisboa)
- T2P123 Provegetarian Dietary Pattern and the Incidence of Obesity in the Seguimiento Universidad de Navarra (SUN) Cohort
Julen Sanz-Serrano¹, Alfredo Gea¹, Miguel A. Martínez-González¹, Nerea Martín-Calvo¹, Miguel Ruiz-Canela¹, Maira Bes-Rastrollo¹ (¹University of Navarra)
- T2P124 Psycho- social correlates among obese patients in a tertiary health care centre in India
Shakira Yoosuf¹ (¹All India Institute of Medical Sciences)
- T2P125 Psychometric properties of the Repetitive Eating Questionnaire (Rep(eat)-Q): a self-report measure for grazing
Conceição E.¹, Simões J.¹, de Lourdes M¹, Ramalho S.¹, Pinto-Bastos A¹, Isabel Brandão², Vaz AR¹, Machado PP¹, James E. Mitchell³ (¹University of Minho, School of Psychology, Portugal , ²Faculty of Medicine, Hospital São João, University of Porto , ³Neuropsychiatric Research Institute, Fargo, USA)

- T2P126 Public Support for Weight-related Antidiscrimination Policies
Anja Hilbert¹, Claudia Hübner¹, Gabriele Schmutzer², Sigrun Danielsdottir³, Elmar Brähler⁴, Rebecca M. Puhl⁵ (¹Leipzig University Medical Center, Integrated Research and Treatment Center AdiposityDiseases, Medical Psychology and Medical Sociology, Department of Psychosomatic Medicine and Psychotherapy, Leipzig, Germany , ²Department of Medical Psychology and Medical Sociology, University of Leipzig Medical Center, Leipzig, Germany , ³Division of Health Determinants, Directorate of Health, Reykjavik, Iceland , ⁴Department of Medical Psychology and Medical Sociology, University of Leipzig Medical Center, Leipzig, Germany; Department of Psychosomatic Medicine and Psychotherapy, University of Mainz, Mainz, Germany , ⁵Department of Human Development and Family Studies, Rudd Center for Food Policy and Obesity, University of Connecticut, Storrs, Connecticut, USA)
- T2P127 Quality and quantity of carbohydrate affects the composition of erythrocyte fatty acid membrane in overweight and obese subjects
Simona Giardina¹, Aleix Sala-Vila², Pablo-Hernández Alonso³, Calos Calvo², Jordi Sala-Salvadó⁴, Mònica Bulló⁴ (¹Human Nutrition Unit URV Reus Spain , ²Lipid Clinic IDIBAPS Barcelona Spain , ³Human Nutrition Unit URV Reus Spain, IISPV Reus Spain , ⁴Human Nutrition Unit URV Reus Spain, IISPV Reus Spain, CIBEROBN-ISCIII Madrid Spain)
- T2P128 Relation among emotional eating, chocolate craving and orthorexic behaviours in underweight, overweight and obese adults: a preliminary study
Anna Brytek-Matera¹, Kamila Czepczor² (¹SWPS University of Social Sciences and Humanities, Katowice Faculty of Psychology , ²Interdisciplinary Doctoral Studies at the SWPS University of Social Sciences and Humanities, Wrocław Faculty of Psychology)
- T2P129 Relation between Body Mass Index and Periodic Eating Compulsion
Filomena Maria Coutinho Pereira¹, Ana Pereira², Maria Augusta veiga-Branco³ (¹Faculdade de Medicina da Universidade de Lisboa, PAIDEA , ²Instituto Politécnico de Bragança , ³Instituto Politécnico de Bragança, RECI, PAIDEIA)
- T2P130 Relationship between body fat distribution obtained by dual-energy X-ray absorptiometry and alcohol consumption: The Fourth and Fifth Korea National Health and Nutrition Examination Survey
Kyoung-Kon Kim¹, Kyu Rae Lee² (¹Gachon University Gil Medical Centre , ²Dongincheon Gil Hospital)
- T2P131 Relationship between obesity and atherogenic dyslipidemia
Karen Rodríguez Pérez¹, Marc Olivart Parejo¹, Juan Carlos Salamanca Cedeño¹, Meritxell Calderó Solé¹, Manel Pena Arnaiz¹, Virginia Sánchez Fernández¹, Maria Lemes Arrocha¹, Natalia Gimenez González¹, Rosa Llovet Font¹, Gemma Pascual Sol¹, Marta Canes Niubó¹ (¹Centre d'Atenció Primària de Mollerussa)
- T2P132 Relationship between obesity and chronic obstructive pulmonary disease
Juan Carlos Salamanca Cedeño¹, Marc Olivart Parejo¹, Karen Rodríguez Perez¹, Virginia Sánchez Fernández¹, Meritxell Calderó Solé¹, Manel Pena Arnaiz¹, Natalia Giménez González¹, Maria Lemes Arrocha¹, Marta Canes Niubó¹, Rosa Llovet Font¹ (¹Centre d'Atenció Primària de Mollerussa)
- T2P133 Relationship between obesity and mood disorder: anxiety and depression
Marc Olivart Parejo¹, Juan Carlos Salamanca Cedeño¹, Karen Rodríguez Pérez¹, Manel Pena Arnaiz¹, Virginia Sánchez Fernández¹, Meritxell Calderó Solé¹, Maria Lemes Arrocha¹, Natalia Gimenez González¹, Rosa Llovet Font¹, Marta Canes Niubó¹ (¹Centre d'Atenció Primària de Mollerussa)
- T2P134 Representative Nutritional Knowledge Study in Hungary including the factors influencing obesity
Emese Antal¹ (¹TET Platform Association)

- T2P135
 Restrained eating, guilt and food and weight preoccupation: analysis of mediation and moderation in a sample of obese, overweight and normal weight adults.
Kamila Czepczor¹, Anna Brytek-Matera² (¹Interdisciplinary Doctoral Studies at the SWPS University of Social Sciences and Humanities, Wrocław Faculty of Psychology , ²SWPS University of Social Sciences and Humanities, Katowice Faculty of Psychology)
- T2P136
 Rethinking Obesity and depression
 Maria João Sousa e Brito¹, Isabel do Carmo², Maria João Bugalho³ (¹Hospital de Santa Maria Lisboa - Serviço de Endocrinologia , ²earlier director in Serviço de Endocrinologia Hospital de Santa Maria, Lisbon , ³Hospital de Santa Maria Lisboa-Serviço de Endocrinologia)
- T2P137
 Risk of Type 2 Diabetes Mellitus in Portuguese Adults
Carlos Albuquerque¹, Graça Aparício¹ (¹Escola Superior de Saúde/Instituto Politécnico de Viseu)
- T2P138
 Self-report dieting predicts changes in body composition
Laura Sares-Jäske¹, Markku Heliövaara¹, Satu Männistö¹, Paul Knekt¹ (¹National Institute for Health and Welfare)
- T2P139
 Self-reported sleep duration and daytime napping are associated with risk of overweight/obesity: A cross-sectional study among adults in South West China
Jieyi Zhang¹, Hongmei Xue¹, Danting Li¹, Mengxue Chen¹, Guo Cheng¹ (¹West China School of Public Health, Sichuan University, Chengdu, P.R. China)
- T2P140
 Serum levels of 25 (oh) vitamin D in overweight and obese adults
 Maria Georgieva Nikolova¹, Alexandar B. Penkov¹, Mihail A. Boyanov² (¹Department of Hygiene, Medical Ecology and Nutrition, Medical University - Sofia , ²Clinic of Endocrinology, Department Internal Medicine, Alexandrovska University Hospital, Medical University - Sofia)
- T2P141
 Sexual Satisfaction and binge eating behaviors: correlation study
 Filomena Maria Coutinho Pereira¹, Ana Pereira², Isabel Ribeiro², Maria Augusta Veiga-Branco³ (¹Faculdade de Medicina da Universidade de Lisboa, PAIDEIA , ²Instituto Politécnico de Bragança , ³Instituto Politécnico de Bragança, RECI, PAIDEIA)
- T2P142
 Short-term effects of CBT and Chromium picolinate on intake of “sweet calories”.
 Condrashov A¹, Tyutev R² (¹Doctor Bormental Medical Centre , ²Doctor Bormental Medical Centre;SSMU)
- T2P143
 Short-term increased sedentary behaviour leads to loss of muscle mass in young individuals
K.A. Bowden Davies¹, V.S. Sprung¹, J.A. Norman¹, J.P.H. Wilding¹, J.C.G. Halford², J.A. Harrold², G.J. Kemp³, D.J. Cuthbertson¹ (¹Institute of Ageing and Chronic Disease, University of Liverpool, UK , ²Institute of Psychology Health and Society, University of Liverpool, UK , ³Magnetic Resonance and Image Analysis Research Centre (MARIARC), University of Liverpool, UK)
- T2P144
 Social capital and children’s experiences of physical activity: Influence of Family and Peers
Suzanne Everley¹ (¹University of Chichester)
- T2P145
 Soft drink consumption is associated with increased risk of metabolic syndrome only in women
 Jieul Lee¹, Yunjin Kang¹, Jihye Kim¹ (¹Kyung Hee University)
- T2P146
 Stealth interventions to prevent and treat obesity: Focusing on process motivators to achieve greater magnitude and more sustained behavior change

Thomas N. Robinson, MD, MPH¹ (¹Stanford University, USA)

- T2P147 Substitution Models of Water for Other Beverages, and the Incidence of Obesity and Weight Gain in the SUN Cohort
Ujué Fresán¹, Alfredo Gea¹, Maira Bes-Rastrollo¹, Miguel Ruiz-Canela¹, Miguel A. Martínez-González¹ (¹University of Navarra)
- T2P148 Sustainable diets in fighting obesity and creating healthier food consumption patterns among schoolchildren in Poland
Ewa Halicka¹, Krystyna Rejman¹, Joanna Kaczorowska¹ (¹Warsaw University of Life Sciences)
- T2P149 Tableware Design as a Tool for Reducing Obesity Problems
Nauris Cinovics¹ (¹Art Academy of Latvia)
- T2P150 TECHNOLOGY-BASED INTERVENTIONS IN THE TREATMENT OF OVERWEIGHT AND OBESITY: A SYSTEMATIC REVIEW
Sjaak Pouwels¹, Lieke Raaijmakers², Kim Berghuis², Simon Nienhuijs² (¹Franciscus Vlietland, Schiedam, The Netherlands , ²Department of Surgery, Catharina Hospital, Eindhoven, The Netherlands)
- T2P151 The 5AsT-MD Pilot: Improving Education and Training in Obesity Management in Family Medicine Residents.
Denise Campbell-Scherer¹, Sonja Wicklum², Thea Luig³, Shuai Li³, Rena LaFrance⁴, Alison Connors⁵, Melanie Heatherington¹, Doug Klein¹, Karen Moniz¹, Arya M Sharma³ (¹Department of Family Medicine, University of Alberta, Edmonton, AB, Canada , ²Department of Family Medicine, Cumming School of Medicine, University of Calgary, Calgary, AB, Canada , ³Department of Medicine, Division of Endocrinology, University of Alberta, Edmonton, AB, Canada , ⁴Department of Psychiatry and Pediatrics, University of Alberta, and Primary Health Care, Alberta Health Services, Edmonton, AB, Canada . ⁵Primary Health Care, Alberta Health Services, Edmonton, AB, Canada)
- T2P152 The association of Dietary Approaches to Stop Hypertension with Visceral Adiposity Index in adults: Tehran Lipid and Glucose Study
Emad Yuzbashian¹, Golaleh Asghari¹, Behnaz Mahmoodi¹, Parvin Mirmiran¹, Fereidoun Aziz² (¹Nutrition and Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, I.R. Iran , ²Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran.)
- T2P153 The Best Obesity Indices to predict hypertension
Mohsen Janghorbani¹, Masoud Amini² (¹Isfahan University of Medical Sciences , ²Isfahan University of Medical sciences)
- T2P154 The Cross-Sectional Association between Eating Frequency and Body Composition among Adults in South China
Yuan-yuan Chen¹, Hong-mei Xue¹, Jun Yin¹, Jie-yi Zhang¹, Guo Cheng² (¹Department of Nutrition, Food Safety and Toxicology, West China School of Public Health, Sichuan University, Chengdu 610041, Sichuan, China , ²Department of Nutrition, Food Safety and Toxicology, West China School of Public Health, Sichuan University, No.16, Section 3, Renmin Nan Road, Chengdu, Sichuan, China 610041)
- T2P155 The dangerous link between Obesity and Depression
Margarita Rivera¹, Paula Rovira², Blanca Gutierrez¹, Ana Ching-Lopez¹, Esther Molina³, Maria Victoria Martin-Laguna¹, Inmaculada Ibanez-Casas¹, Kathryn McKenney¹, Isabel Ruiz-Perez⁴, M Rodriguez-Barranco⁵, Jorge Cervilla¹ (¹University of Granada , ²Universitat Autònoma de Barcelona , ³ University of Seville , ⁴Andalusian School of Public Health and CIBERESP , ⁵Andalusian School of Public Health)
- T2P156 The eating behavior patterns among comorbid obese people

Eliashevich Sofya¹, Dubolazova Julia¹, Drapkina Oxana¹ (¹The National Research Center for Preventive Medicine)

- T2P157 The effect of timing and composition of gestational weight gain in obese pregnant women on infant birth weight: a prospective cohort study.
Kathy Redfern¹, Gail Rees¹, Jonathan Pinkney¹ (¹Plymouth University)
- T2P158 The Impact of Exposure to Cartoons Promoting Healthy Eating on Children's Food Preferences and Choices
Ana Rita Vaz¹, Sonia Gonçalves¹, Sonia Gonçalves¹, Eva Conceição¹, Eva Conceição¹, Cátia Silve¹, Cátia Silve¹, Rita Ferreira¹, Rita Ferreira¹, Paulo Machado², Paulo Machado², Emma Boyland³, Emma Boyland³ (¹Universidade do Minho, ²Universidade do Minho, ³University of Liverpool)
- T2P159 The Impact of Obesity on Cancer Risk
Sigrid Bjerger Gribsholt¹, Katalin Veres², Dóra Körmendiné Farkas², Anne Gullbech Ording², Bjørn Richelsen³, Henrik Toft Sørensen² (¹Department of Endocrinology and Internal Medicine, Department of Clinical Epidemiology, Aarhus University Hospital, ²Department of Clinical Epidemiology, Aarhus University Hospital, ³Department of Endocrinology and Internal Medicine, Aarhus University Hospital)
- T2P160 The influence of socioeconomic status on gestational weight gain: A Systematic Review
Eileen C O'Brien¹, Goiuri Alberdi¹, Fionnuala M McAuliffe¹ (¹UCD Perinatal Research Centre, Obstetrics & Gynaecology, School of Medicine, University College Dublin, National Maternity Hospital, Dublin, Ireland)
- T2P161 The influence of the arrangement of different food images on participants' attention: An experimental eye-tracking study
Gerrit Hummel¹, Iris Zerweck², Sara Salazar-Winter¹, Janine Ehret¹, Nanette Stroebele-Benschop¹ (¹University of Hohenheim, Institute of Clinical Nutrition, ²University of Stuttgart, Institute of Biology)
- T2P162 The level of cardiorespiratory endurance and the excess and insufficient body weight in schoolgirls
Anna Łysak¹, Janusz Dobosz², Anna Walentukiewicz¹, Dominika Wilczynska¹, Pawel Skonieczny¹, Jolanta Zajt¹ (¹Gdansk University of Physical Education and Sport, ²Józef Piłsudski University of Physical Education in Warsaw)
- T2P163 The metabolic consequences of short-term increased sedentary behaviour
K.A. Bowden Davies¹, V.S. Sprung¹, J.A. Norman¹, J.P.H. Wilding¹, J.C.G. Halford², J.A. Harrold², G.J. Kemp³, D.J. Cuthbertson¹ (¹Institute of Ageing and Chronic Disease, University of Liverpool, UK, ²Institute of Psychology Health and Society, University of Liverpool, UK, ³Magnetic Resonance and Image Analysis Research Centre (MARIARC), University of Liverpool, UK)
- T2P164 The phenomenon of 'Food Addiction': Relationship between 'Food Addiction', eating behavior, health status and score of binge eating in a morbidly obese German sample
Carolin Hauck¹, Annegret Weiß¹, PD Dr. Thomas Ellrott¹ (¹Institute for Nutrition and Psychology at the Georg-August University Göttingen, Goettingen, Germany)
- T2P165 The prevalence of obesity and metabolic syndrome among adults living in different altitudes
Wen-Yuan Lin¹, Kuen-Cheh Yang², Belle Yanyu Lin³, Karma Genden⁴, Wen-Chien Yang⁵, Po-Shu Wu⁶, Chun-min Fu⁵, Hui-Fang Hung⁷, Chia-Ing Li⁸, Cheng-Chieh Lin¹ (¹School of Medicine, China Medical University and Department of Family Medicine, China Medical University Hospital, Taichung, Taiwan, ²Department of Family Medicine, National Taiwan University Hospital, Bei-Hu Branch, Taipei, Taiwan, ³Syosset High School, New York, United States, ⁴Executive secretary of Tibetan Primary Health Care Center, Choglamsar, Leh Ladakh, India, ⁵Department of Pediatrics, National Taiwan University Hospital, Hsin-Chu Branch, Hsinchu, Taiwan, ⁶Department of Family Medicine, National Taiwan University Hospital, Taipei, Taiwan, ⁷Department of Community and Family Medicine, National Taiwan University Hospital, Hsin-Chu Branch, Hsinchu, Taiwan, ⁸School of Medicine, China Medical University and Department of Medical Research, China Medical University Hospital Taichung, Taiwan)

- T2P166 The prospective relationship between self-evaluation and loss of control of eating over 6 months in a sample of participants of a weight management programme
Duarte C.¹, Stalker, C.², Catarino, F.², Basran J.², Gilbert, P.², Horgan, G.³, Morris, L.⁴, Stubbs, R. J.⁵ (¹Cognitive and Behavioural Centre for Research and Intervention, University of Coimbra, Rua do Colégio Novo, Apartado 6153, 3001-802 Coimbra, Portugal , ²College of Life and Natural Sciences, University of Derby, Derby, DE22, 1GB , ³Biomathematics and Statistics Scotland, Rowett Institute of Nutrition and Health, Foresterhill House, Aberdeen AB25 2ZD , ⁴Slimming World, Clover Nook Road, Somercotes, Alfreton, Derbyshire DE55 4RF , ⁵Appetite Control and Energy Balance Research Group, School of Psychology, University of Leeds LS2 9JT)
- T2P167 The relationship between obesity and depression in Korean adults
Soo Min Hong¹, Yang-Im Hur² (¹Department of Internal Medicine, Seoul Paik Hospital, Inje University College of Medicine , ²Department of Family Medicine, Seoul Paik Hospital, Inje University College of Medicine)
- T2P168 The role of anthropometric variables in relation to the risk of breast cancer in pre-menopausal women living in Cape Coast, Ghana.
Saanid Mohammed Adamu¹, Akwasi Anyanful¹, Frank Ghartey¹ (¹University of Cape Coast)
- T2P169 The role of illness perception in predicting long-term glycemc control in overweight and obese patients with type 2 diabetes mellitus
Alessandra Pokrajac-Bulian¹, Sanja Klobučar Majanović², Davor Štimac² (¹Faculty of Humanities and Social Sciences, University of Rijeka, Croatia , ²School of Medicine, University of Rijeka, Clinical Hospital Center Rijeka, Croatia)
- T2P170 The School Fruit and Vegetable Scheme as an effective strategy leading to positive changes in some eating behaviours of children.
Anna Taraszewska¹, Katarzyna Wolnicka¹, Joanna Jaczewska-Schuetz¹, Mirosław Jarosz¹, Monika Niewiarowska² (¹National Food and Nutrition Institute , ²Agricultural Market Agency)
- T2P171 THE TELEVISION AS AN AFFORDABLE AND EFFECTIVE WAY TO PROMOTE HEALTHY DIET AND PHYSICAL ACTIVITY TO PREVENT OR TREAT OBESITY
Paloma Gil del Alamo¹, Alejandra Castañeda¹, Javier García¹, Daniel Arazola¹, Maria Dolores Cubiles², Alicia Enguix², Juan Manuel Pichardo² (¹La Báscula , ²University of Sevilla, Statistic Departmen)
- T2P172 Tracking maternal self-esteem, eating behaviour and body satisfaction during and 24m after pregnancy in Israeli and UK mothers
Shloim N¹, Rudolf MCJ², Feltbower RG³, Blundell-Birtill P⁴, Hetherington MM⁴ (¹Institute of Medicine and health, School of Healthcare, University of Leeds , ²Faculty of Medicine in the Galil, Bar Ilan University, Safed, Israel , ³Centrefor Epidemiology and Biostatistics, Leeds Institute for Genetics Health andTherapeutics, School of Medicine, University of Leeds , ⁴Institute of Psychological Sciences, University of Leeds)
- T2P173 Trends in Body Mass Index among adults aged 25-69 years in Germany, 1990-2011
Dr. Anja Schienkiewitz¹, Dr. Cornelia Lange¹, Dr. Gert BM Mensink¹ (¹Robert Koch-Institut)
- T2P174 Use of progression criteria to support decision making in community based interventions
Maria Bryant¹, Nimarta Dharni², Josie Dickerson², Kathryn Willan², Rosie McEachan², Michaela Howell³ (¹University of Leeds , ²Bradford Institute of Health Research , ³Bradford Trident)
- T2P175 Waist to Height Ratio: Simpler and Better Screening Anthropometric Measurement for Cardiometabolic Risks than BMI in Turkish Adults
Melisa Nadin Kumas¹, Gözde Arıtcı² (¹Acıbadem University, Health Sciences Faculty, Department of Nutrition and Dietetics, Istanbul, Turkey , ²Acıbadem University)

- T2P176 Weight change and depression in South Korean Adults: The Korea National Health and Nutrition Examination Survey 2011-2012
Yang-Hyun Kim¹, Kee-Hyoung Lee², Soon-Jib Yoo³ (¹Korea University College of Medicine, Department of Family Medicine , ²Korea University College of Medicine, Department of Pediatrics , ³The Catholic University College of Medicine, Department of Endocrinology and Metabolism)
- T2P177 Weight management in a patient with Turner's syndrome and learning difficulty
Manish Kushe¹, Sabari Anand Haridass¹, Vinod Joseph¹, Nosheen Khan¹, Chinnadorai Rajeswaran¹ (¹The Midyorks NHS Hospitals Trust)
- T2P178 Wellness treatments and self-esteem in overweight women
Monika Bąk-Sosnowska¹, Dominika Janik¹ (¹Department of Psychology, Chair of Social Sciences and Humanities, School of Health Sciences in Katowice, Medical University of Silesia in Katowice, Poland)
- T2P179 What are the developmental complex factors that predict obesity in a 20-year-old adolescents in Japan?
Akira Kimura¹ (¹Graduate School of Health Sciences Gunma PAZ College)
- T2P180 Which one is better as an intermittent fasting model, overnight or daylight fasting? A comparison study according to the metabolic parameters in humans
Fehime Benli Aksungar¹, Murat Kolyay², Meltem Pak², Arzu Pinarbasi², Mustafa Serteser¹, Ibrahim Unsal¹ (¹Acibadem University, School of Medicine, Department of Biochemistry, Acibadem Labmed Clinical Laboratories , ²Acibadem University, School of Medicine, Department of Biochemistry)
- T2P181 Why we need nourishment to fight obesity
jeanette Bronee¹ (¹Path for Life Self-Nourishment Center.)
- T2P182 Young people's experiences and attitudes on the use and retention of lifestyle apps in six countries. A qualitative study.
Charoula Nikolaou¹, Michael Ernest John Lean² (¹Universite Catholique de Louvain , ²University of Glasgow)
- LB2 P183 Personality traits moderate the relation between psychological needs and motivation and between motivation and lifestyle related behavior in participants of a Multidisciplinary Weight Control Intervent
Oosterhuis, SM¹, Rutten, GM², Gonera, RK¹ (¹Medisch Centrum Wilhelmina, Wilhelmina Hospital Assen, Assen, The Netherlands. , ²NUTRIM, Department of Health Promotion, Maastricht University, Maastricht, The Netherlands.)
- LB2 P184 Allium vegetable intakes and the incidence of cardiometabolic outcomes: A longitudinal follow-up study
Zahra Bahadoran¹, Parvin Mirmiran², Fereidoun Azizi³ (¹Nutrition and Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences , ²Nutrition and Endocrine Research Center, and Obesity Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences , ³Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences)
- LB2 P185 The Effect of Meal Frequency on Fasting Blood Glucose and Insulin Levels in Medical Nutrition Treatment of Obesity
Hilal Yildiran¹, Seyit Mehmet Mercanligil², Gokhan Uckaya³, Hande Mortas¹ (¹Gazi University , ²Dogu Akdeniz University , ³Ozel Egepol Hospital)
- LB2 P186 Evaluation of eating behavior disorders in young males: A pilot study in Turkey
Hande Mortas, Semra Navruz Varli, Nevin Sanlier¹ (¹Gazi University)

- LB2 P187 Is intuitive eating associated with body mass index?: a pilot study in Turkey
Saniye Bilici¹, Betül Kocaadam¹, Hande Mortaş¹, Eda Köksal¹ (¹Gazi University)
- LB2 P188 BMI transitions in Australian women: amount and causes of weight change associated with progression from healthy to unhealthy BMI over 16 years.
Wendy Brown¹, Enamul Kabir², Sjaan Gomersall¹, Bronwyn Clark¹ (¹University of Queensland , ²University of Southern Queensland)
- LB2 P189 Relationship between vitamin D and cardiovascular diseases
Semra Navruz Varli¹, Hande Mortaş², Nevin Sanlier² (¹Türkiye , ²Gazi University)
- LB2 P190 Using Directed Acyclic Graphs (DAGs) for studying links between ethnicity and childhood obesity in an ethnically diverse country such as Colombia
Jenny Elizabeth Ordoñez Betancourth¹, Louise Marryat², Ruth Jepson², Raj Bhopal¹ (¹Edinburgh Migration, Ethnicity and Health Research Group, Centre for Population Health Sciences, University of Edinburgh, Scotland, UK. , ²Centre for Population Health Sciences, Scottish Collaboration for Public Health Research and Policy, University of Edinburgh, Scotland, UK.)
- LB2 P191 Body Mass Index and Mortality in the Elderly of Korea : Retrospective Cohort Study Based on Korean National Health Insurance System-Senior Cohort
Seung-Hyun Lee¹ (¹Department of Family Medicine, Korea University Ansan Hospital, College of Medicine, Korea University)
- LB2 P192 Prevalence of Excess Weight / Obesity and its co-morbidities in the adult population of the USF São João da Talha
Mariana Portugal¹, João Rodrigo Ferreira¹, Carlos Lourenço¹ (¹USF São João da Talha)
- LB2 P193 Study of the association between waist to height ratio and biomarkers of inflammation among females
Abdelhamid Kerkadi¹, Nassar Risk², Tamara Mirza¹, Aljazi Al-Qahtani¹, Amna Ali Adaiba¹ (¹Qatar University, College of Health Sciences, Human Nutrition Department , ²Qatar University, College of Health Sciences, Department of Biomedical Sciences)
- LB2 P194 Obesity, underweight and BMI distribution characteristics by national economic wealth and income inequality: results from an international survey
Rinki Murphy¹, Alistair Stewart¹, Robert Hancox², Clare Wall¹, Irene Braithwaite³, Richard Beasley³, Ed Mitchell¹ (¹University of Auckland , ²University of Otago , ³Medical Research Institute of New Zealand)
- LB2 P195 Three excess adiposity markers and their associations with iron deficiency anaemia in Colombian adult women of reproductive age
Milton Fabian Suarez Ortegon¹, Jenny Elizabeth Ordoñez Betancourth², Marisol Galindo Borda³, Yibby Forero³ (¹Usher Institute of Population Health Sciences and Informatics, The University of Edinburgh, Scotland, UK , ²Edinburgh Migration, Ethnicity and Health Research Group, Usher Institute of Population Health Sciences and Informatics, The University of Edinburgh, Scotland, UK. , ³Nutrition Group; National Institute of Health; Bogotá, Colombia)
- LB2 P196 The Role of Vitamin D in Depression
Hande Mortaş¹, Semra Navruz Varli¹, Nevin Sanlier¹ (¹Gazi University)
- LB2 P197 Body weight and fat mass are not different among healthy individuals or migraine patients
Hilal YILDIRAN¹, Makbule GEZMEN-KARADAG¹, Yasemin ERTAŞ¹, Feride AYYILDIZ¹, Nevin ŞANLIER¹, Özgül Bike YÜCALAN-GİRGİN², Hande MORTAŞ¹ (¹Gazi University, Department of Nutrition and Dietetics , ²Gazi University, Department of Nuclear Medicine)

- LB2 P198 Determination of plasma leptin levels in migraine patients
Makbule GEZMEN-KARADAĞ¹, Yasemin ERTAŞ¹, Hilal YILDIRAN¹, Feride AYYILDIZ¹, Nevin ŞANLIER¹, Özgül Bile YÜCALAN-GİRGİN², Hande MORTAŞ¹ (¹Gazi University, Department of Nutrition and Dietetics , ²Gazi University, Department of Nuclear Medicine)
- LB2 P199 Attack frequency is related to plasma vitamin D levels in migraine
Yasemin ERTAŞ¹, Hilal YILDIRAN¹, Makbule GEZMEN-KARADAĞ¹, Feride AYYILDIZ¹, Nevin ŞANLIER¹, Özgül Bile YÜCALAN-GİRGİN², Hande MORTAŞ¹ (¹Gazi University, Department of Nutrition and Dietetics , ²Gazi University, Department of Nuclear Medicine)
- LB2 P200 Early onset of overweight is associated with increased risk of major depressive disorder
Deborah Gibson-Smith¹, Ingibjörg Gunnarsdóttir², Lenore J Laun³, Tamara B. Harris⁴, Mariska Bot¹, Brenda Penninx¹, Marjolein Visser⁵, Ingeborg Brouwer⁵, Thorhallur Halldorsson², Bryndis Birgisdóttir⁶, Vilundur Gudnason³, Gudny Eiríksdóttir³ (¹VU medical center, Amsterdam, Netherlands , ²(2) Unit for Nutrition Research, Landspítali – The National University Hospital of Iceland and Faculty of Food Science and Nutrition, School of Health Sciences, University of Iceland, Reykjavik, Iceland , ³Icelandic Heart Association, Kopavogur, Iceland , ⁴Icelandic Heart Association, Kopavogur, Iceland , ⁵(2) Department of Health Sciences, Faculty of Earth and Life Sciences and EMGO+ Institute for Health and Care Research, VU University, Amsterdam, the Netherlands , ⁶(2) Unit for Nutrition Research, Landspítali – The National University Hospital of Iceland and Faculty of Food Science and Nutrition, School of Health Sciences, University of Iceland Reykjavik Iceland)
- LB2 P201 Depression, Anxiety, and Food Addiction in morbid obese patients: preliminary data
M Pereira¹, A Esteves-Pinto², I Fernandes³, F Correia⁴, P Freitas¹, D Carvalho¹ (¹Centro Hospitalar São João , ²Casa de Saúde da Boavista , ³School of Psychology of the University of Minho , ⁴Faculty of Food Science and Nutrition)
- LB2 P202 Different oxygen uptake behaviour in obese adults engaged in interprofessional therapy.
João Pedro Novo Fidalgo¹, Leticia Andrade Cerrone¹, Maythe Amaral Nascimento¹, Paula Bresciani¹, Ricardo Badan Sanches¹, Stephan Garcia Andrade-Silva¹, Vanessa Schoenardie Poli¹, Danielle Arisa Caranti¹ (¹Universidade Federal de São Paulo)
- LB2 P203 Are there gender differences in outdoor play determinants?
Pereira, M.¹, Gama, A.², Machado-Rodrigues, A.³, Mourão, I.⁴, Nogueira, H.⁵, Rosado, V.⁶, Padez, C.³ (¹Centre for Anthropology and Health, University of Coimbra, Portugal , ²Department of Anima Biology, Research Centre for Anthropology and Health, University of Lisbon, Portugal , ³Department of Life Sciences, Research Centre for Anthropology and Health, University of Coimbra, Portugal , ⁴Department of Sports, University of Trás-os-Montes e Alto Douro, Portugal , ⁵Department of Geography, Research Centre for Anthropology and Health, University of Coimbra, Portugal , ⁶Faculty of Sport Sciences, Lisbon, Research Centre for Anthropology and Health, University of Coimbra, Portugal)
- LB2 P204 How does socio-economic disadvantage influence body weight?: The mediating role of psychological distress and maladaptive coping strategies
Jade Stewart¹, Charlotte A. Hardman², Paul Christiansen² (¹University of Liverpool Clinical Doctorate Training Programme , ²Department of Psychological Sciences, University of Liverpool, UK)
- LB2 P205 Atherosclerotic plaque inflammation synchronize with inflammatory activity of visceral fat
Sungeun Kim¹, Seo Hong Seok², SungSoo Park³, Sung Ho Lee⁴ (¹Department of Nuclear Medicine, Korea University Anam Hospital , ²Cardiovascular center , Korea University Guro Hospital , ³Department of general surgery, Korea University Anam Hospital , ⁴Department of cardiovascular surgery, Korea University Anam Hospital)

- T3P1 A change in the serum leptin level is associated with the improvement of the binge eating symptoms of women with overweight or obesity undergoing weight loss intervention
Takehiro Nozaki¹, Ryoko Sawamoto¹, Tomoe Nishihara¹, Tomokazu Hata¹, Tomokazu Furukawa¹, Gen Komaki², Nobuyuki Sudo¹ (¹Department of Psychosomatic Medicine, Graduate School of Medical Sciences, Kyushu University , ²School of Health Sciences Fukuoka, International University of Health and Welfare)
- T3P2 A community-based lifestyle intervention to prevent type 2 diabetes in British ethnic minority adults at high risk: before-and-after study
Angela M. Rodrigues¹, Martin White², Falko F. Sniehotta¹, Linda Penn¹ (¹Institute of Health & Society, Newcastle University, UK , ²Centre for Diet and Activity Research (CEDAR), MRC Epidemiology Unit, University of Cambridge, UK)
- T3P3 A comparison in baseline characteristics of individuals joining a weight loss programme comprised of a VLCD with behaviour-change sessions delivered via either an eHealth or a face to face platform
Kelly L Johnston¹, John Philippou¹, Lee Dyson¹, Jackie SA Cox¹, Bar Hewlett¹ (¹LighterLife UK Ltd)
- T3P4 A low glycaemic diet in pregnancy induces DNA methylation variation in blood of newborns at risk of macrosomia: results from the ROLO study
Aisling A Geraghty¹, Peter D Fransquet², Goiuri Alberdi³, Eileen C O'Brien³, Richard Saffery², Fionnuala M McAuliffe³ (¹UCD Perinatal Research Centre, Obstetrics & Gynaecology, School of Medicine, University College Dublin, National Maternity Hospital, Dublin, Ireland , ²Cancer and Disease Epigenetics, Murdoch Children's Research Institute, Melbourne, Victoria, Australia , ³UCD Perinatal Research Centre, Obstetrics and Gynaecology, School of Medicine, University College Dublin, National Maternity Hospital, Dublin 2, Ireland)
- T3P5 A New Swallowable Intra-gastric Balloon for Weight Loss Not Needing Endoscopy: Early Experience in Combination with a VLCKD
Roberta Lenca¹, Ilaria Ernesti¹, Giovanni Casella², Davide Francomano³, Massimiliano Cipriano², Alfredo Genco² (¹department of experimental medicine-medical physiopathology, food science and endocrinology section, Sapienza University of Rome, Italy , ²department of surgical sciences, surgical endoscopy unit, Sapienza University of Rome, Italy , ³department of experimental medicine-medical physiopathology, food science and endocrinology section, Sapienza University of Rome)
- T3P6 A randomised controlled trial assessing the impact of intermittent energy restriction (IER) on weight loss and insulin sensitivity in healthy men and women with central obesity. "The Met-IER Study"
Ana M Pinto¹, Claire Bordoli¹, Luke P. Buckner¹, Polly C. Kaplan¹, Ines M. del Arenal¹, Emma J. Jeffcock¹, Curie Kim¹, Kelly L Johnston², Wendy L Hall¹ (¹Faculty of Life Sciences and Medicine, Kings College London , ²LighterLife UK Ltd)
- T3P7 A systematic review update of psychosocial pretreatment predictors of weight control
Eliana V. Carraca¹, Inês Santos¹, Jutta Mata², Pedro J. Teixeira¹ (¹CIPER, Faculty of Human Kinetics, University of Lisbon , ²Faculty of Social Sciences (Health Psychology), University of Mannheim, Germany)
- T3P8 Adding compassion-focused modules to a commercial weight management program: effect on shame, self-criticism, self-reassurance and well-being.
Stalker, C¹, Catarino, F², Duarte, C³, Basran J¹, Gilbert, P¹, Horgan, G¹, Morris L², Stubbs R.J.¹ (¹College of Life and Natural Sciences, University of Derby, Derby, DE22 1GB. , ²College of Life and Natural Sciences, University of Derby, Derby, DE22 1GB. , ³Cognitive and Behavioural Centre for Research and Intervention, University of Coimbra, Rua do Colégio Novo, Apartado 6153, 3001-802 Coimbra, Portugal.)
- T3P9 Adding compassion-focused modules to a commercial weight management programme: effect on control of eating and weight outcomes.

Stalker C.¹, Catarino, F¹, Duarte, C², Basran J.³, Gilbert, P¹, Horgan, G⁴, Stubbs R.J.⁵ (¹College of Life and Natural Sciences, University of Derby, Derby, DE22, 1GB. , ²Cognitive and Behavioural Centre for Research and Intervention, University of Coimbra, Rua do Colégio Novo, Apartado 6153, 3001-802 Coimbra, Portugal , ³College of Life and Natural Sciences, University of Derby, Derby, DE22, 1GB. , ⁴Biomathematics and Statistics Scotland, Rowett Institute of Nutrition and Health, Foresterhill House, Aberdeen AB25 2ZD , ⁵Appetite Control and Energy Balance Research Group, School of Psychology, Faculty of Medicine and Health, University of Leeds. LS2 9JT)

- T3P10 Age as a determinant of weight loss after bariatric surgery
Charlotte Raymonde-Parker¹, Amali Abeysekera¹, Mourad Labib¹ (¹Russells Hall Hospital, The Dudley Group NHS Foundation Trust)
- T3P11 Alert overweight / obesity (O / O) in adolescents due to hypertension (Hy) and kidney disease: CR, ADPKD, ATS.
Giovanni Colucci¹ (¹Responsabile Nazionale Area Nefrologica "C SIIPC, ASL/TA Martina Franca , distretto 5.)
- T3P12 Anemia and hemoglobin levels in post-menopausal women after bariatric surgery
Francisco Sousa Santos¹, Ricardo Capitão¹, Catarina Roque¹, João Sequeira Duarte¹, Cátia Ferrinho¹, Joana Lacerda², Ricardo Fonseca¹, Clotilde Limbert¹, Jorge Azinheira², Ana Tapadinhas², Carlos Vasconcelos¹ (¹Hospital Egas Moniz - Serviço de Endocrinologia , ²Hospital Egas Moniz)
- T3P13 Applicability, reliability and diagnostic performance of FibroScan for liver evaluation in severe obese patients candidate to bariatric surgery
Charles Barsamian¹, Sébastien Czernichow², Magali Sasso³, Véronique Miette³, Pierre Bedossa⁴, David Parlier⁵, Tigran Poghosyan⁵, Jean-Luc Bouillot⁵, Jean-François Emile⁵, Claire Carette¹ (¹Service de nutrition, Hôpital Européen Georges Pompidou, APHP, Paris, France , ²Service de nutrition, Hôpital Européen Georges Pompidou, APHP, Paris, France; Université Paris Descartes, Paris, France , ³Echosens, Paris, France , ⁴Hôpital Beaujon, APHP, Clichy, France , ⁵Hôpital Ambroise Paré, APHP, Boulogne-Billancourt, France)
- T3P14 Are eHealth interventions effective in inducing weight loss in adults at high risk of type 2 diabetes?
Emma Sainsbury¹, Alice A Gibson¹, Margaret Allman-Farinelli², Stephen Colagiuri¹, Stephanie R Partridge¹ (¹The Boden Institute of Obesity, Nutrition, Exercise & Eating Disorders, Charles Perkins Centre, The University of Sydney, Australia, 2006 , ²School of Life and Environmental Sciences, Charles Perkins Centre, The University of Sydney, Australia, 2006)
- T3P15 Association between high blood pressure and anthropometric measures in healthcare professionals in Rio de Janeiro, Brazil
Carolina Padilha Tavares¹, Fernanda Tebaldi Henriques de Queiroz¹, Jocasta Cardoso Ansel¹, Lilian Soares da Costa², Simone Raimondi de Souza² (¹Fundação Técnico-Educacional Souza Marques , ²Instituto Estadual de Cardiologia Aloysio de Castro - IECAC)
- T3P16 Association between Methylation Levels of PPARGC1A gene from Leukocytes with Insulin Sensitivity Indexes in Normoglycaemic Chilean Women
José L. Santos¹, Bernardo J. Krause², Rodrigo Cataldo¹, Fermín Milagro³, Raúl Gallegos¹, Pedro L. Prieto-Hontoria⁴, J. Ignacio Riezu-Boj³, Carolina Bravo¹, Paula Mennicken¹, José Galgani¹, J. Alfredo Martínez³ (¹Department of Nutrition, Diabetes and Metabolism, School of Medicine, Pontificia Universidad Católica de Chile , ²Centro de Investigaciones Médicas. School of Medicine, Pontificia Universidad Católica de Chile , ³Centro de Investigación en Nutrición, Universidad de Navarra Pamplona (Spain) and CIBERobn. Madrid, Spain. , ⁴Universidad SEK. Santiago, Chile.)
- T3P17 Association of Sarcopenia with Metabolic Syndrome in Korean Cancer Survivors
Hyeon Ju Kim¹, Ji Hyun Moon¹, Mi Hee Kong¹, Jung Sik Huh² (¹Department of Family Medicine, Jeju National University & Hospital, Jeju, Korea , ²Department of Urology, Jeju National University & Hospital, Jeju, Korea)
- T3P18 Association of SRNPN polymorphisms with obesity susceptibility among Spanish population

David Albuquerque¹, Licínio Manco¹, Luz M González², Guillermo Gervasini³, Goitzane Marcaida Benito², Juan R González⁴, Raquel Rodríguez-López² (¹Research Center for Anthropology and Health (CIAS), University of Coimbra, Coimbra, Portugal , ²Genomics group, Fundación Investigación Hospital General de Valencia , ³Department of Medical & Surgical Therapeutics, Division of Pharmacology, Medical School, University of Extremadura, Badajoz, Spain , ⁴ISGlobal, Centre for Research in Environmental Epidemiology (CREAL), Barcelona, Spain.)

- T3P19 Association of weight status, hyperhomocysteinemia and risk of chronic kidney disease in a Taiwanese adult population
Shih-Han Lai¹, Yi-Wen Tsai¹, Shy-Shin Chang² (¹Department of Family Medicine, Chang Gung Memorial Hospital, Keelung, Taiwan , ²Department of Family Medicine, Chang Gung Memorial Hospital, Taoyuan, Taiwan)
- T3P20 Band off to bypass: a ten year experience at a public teaching hospital
Dr James P Carroll¹, Dr Michael Kwok², Dr Bhavik Patel², Dr Blair Bowden², Dr George Hopkins² (¹University of Queensland , ²Department of Surgery, Royal Brisbane and Women's Hospital)
- T3P21 Bariatric surgery – an analysis of the prescription costs
Sílvia Paredes¹, Laura Ribeiro², Multidisciplinary Team for the Evaluation and Treatment of Obesity¹, Marta Alves¹ (¹Hospital de Braga , ²Faculty of Medicine, University of Porto)
- T3P22 Bariatric surgery and lipid profile – effects of the type of surgery
Sílvia Paredes¹, Laura Ribeiro², Multidisciplinary Team for the Evaluation and Treatment of Obesity¹, Marta Alves¹ (¹Hospital de Braga , ²Faculty of Medicine, University of Porto)
- T3P23 Bariatric surgery induced weight loss leads to improvements in cardiorespiratory fitness and physical function: A longitudinal study
Dr T Steele¹, A Irwin¹, Dr VS Sprung¹, Dr DJ Cuthbertson¹, Prof JP Wilding¹ (¹University of Liverpool)
- T3P24 Body composition and biochemical variables of overweight/obese breast cancer survivors submitted to 36 week of combined training
Ana Carolina Alves da Costa Trindade¹, Thais Reis Silva de Paulo¹, Bruna Lopes Aro¹, Juliana Viezel¹, Sylvia C. Seidinger¹, Ismael Forte Freitas Junior¹ (¹Universidade Estadual Paulista)
- T3P25 Bone turn-over after Roux-en-Y gastric bypass in obese individuals with type 2 diabetes compared to non-operated matched type 2 diabetes controls.
Lene Ring Madsen¹, Rasmus Espersen², Marie Juul Ørnstrup³, Bente Langdahl³, Bjørn Richelsen³ (¹Department of Endocrinology and Internal Medicine, Aarhus University Hospital, Denmark; Department of Clinical Medicine, Aarhus University, Denmark; Danish Diabetes Academy, Odense University Hospital, Denmark , ²Department of Endocrinology and Internal Medicine, Denmark; Department of Clinical Medicine, Aarhus University, Denmark , ³Department of Endocrinology and Internal Medicine, Aarhus University Hospital, Denmark)
- T3P26 Branched-chain amino acid catabolism rather than amino acids plasma concentrations predict diet-induced changes in insulin resistance
Sven Haufe¹, Stefan Engeli¹, Jana Kaminski², Henning Witt³, Dietrich Rein⁴, Beate Kamlage⁴, Anja Mähler⁵, Jeanette Schulz-Menger⁶, Michael Boschmann⁵, Jens Jordan⁷ (¹Hannover Medical School , ²University of Potsdam , ³Metanomics GmbH , ⁴Metanomics Health GmbH , ⁵Charité University Medical School , ⁶HELIOS Klinikum Berlin-Buch, and University Medicine Berlin , ⁷Hannover Medical School, and German Aerospace Center)
- T3P27 Can we develop a successful risk score for Gestational Diabetes?
Emilia Huvinen¹, PhD Saira Koivusalo¹, Prof Johan Eriksson² (¹Department of Obstetrics and Gynecology, University of Helsinki and Helsinki University Hospital, Finland , ²Department of Chronic Disease Prevention, National Institute for Health and Welfare, Helsinki, Finland, Folkhälsan Research Center, Helsinki, Finland, Unit of General Practice and Primary Health Care, University of Helsinki and Helsinki University Hospital)

- T3P28 Cardiac structure and function before and after bariatric surgery; a new perspective
Sjaak Pouwels¹, Bianca Lascaris², Patrick Houthuizen³, Lukas Dekker³, Simon Nienhuijs⁴, Arthur Bouwman², Marc Buise² (¹Franciscus Vlietland, Schiedam, The Netherlands , ²Department of Anaesthesiology, Intensive Care and Pain Medicine, Catharina Hospital, Eindhoven, The Netherlands , ³Department of Cardiology, Catharina Hospital, Eindhoven, The Netherlands , ⁴Department of Surgery, Catharina Hospital, Eindhoven, The Netherlands)
- T3P29 Cardiometabolic and serum antioxidant profile of metabolically healthy and unhealthy severe obese adolescents
Ana Paula Stenzel¹, ANDREA MATOS², Patricia Carvalho de Jesus¹, SILVIA PEREIRA¹, CARLOS SABOYA³, ANDRÉA RAMALHO¹ (¹Researcher of the Center for Research on Micronutrients (NPqM)/ Federal University of Rio de Janeiro , ²Adjunct Professor at Fluminense Federal University and Researcher of the Center for Research on Micronutrients (NPqM)/ Federal University of Rio de Janeiro , ³Brazilian Society of Bariatric and Metabolic Surgery)
- T3P30 Cardiovascular risk improvement and event prevention after gastric bypass are higher in diabetic and elderly patients
Pedro R Pereira¹, Tiago Morais¹, Sofia S Pereira¹, Rui Almeida², Marta Guimarães², Mariana P Monteiro¹ (¹Clinical and Experimental Endocrinology, Unit for Multidisciplinary Research in Biomedicine UMIB, Instituto de Ciências Biomédicas Abel Salazar (ICBAS), University of Porto, Portugal , ²Department of General Surgery, Centro Hospitalar de Entre o Douro e Vouga)
- T3P31 Cardiovascular risk improvement and event prevention after gastric bypass are higher in diabetic and elderly patients
Pedro R Pereira¹, Tiago Morais¹, Sofia S Pereira¹, Rui Almeida², Marta Guimarães², Mario Nora², Mariana P Monteiro¹ (¹Clinical and Experimental Endocrinology, Unit for Multidisciplinary Research in Biomedicine UMIB, Instituto de Ciências Biomédicas Abel Salazar (ICBAS), University of Porto, Portugal , ²Department of General Surgery, Centro Hospitalar de Entre o Douro e Vouga)
- T3P32 Cardiovascular, metabolic and mental comorbidities in the long-term after bariatric surgery and relation to weight loss
Alline M Beleigoli¹, Roberta Sonia Rodrigues Alvares¹, Lucas Guilherme de Oliveira Freitas¹, Victor Gama van Eijk¹, Marina Hilario Ferreira¹, Nicholas Hideki Koga Magario¹, Marco Tulio Costa Diniz¹, Maria de Fátima H S Diniz¹ (¹Federal University of Minas Gerais, Brazil)
- T3P33 Central obesity measured by Controlled Attenuation Parameter but not Body Mass Index is more important factor to predict significant steatosis
jae hyuk lee¹, kwang joon kim² (¹department of internal medicine, seonam university college of medicine, myongji hospital , ²department of internal medicine, yonsei university college of medicine)
- T3P34 Changes in blood phospholipid profile of patients submitted to Roux-en-Y gastric bypass are associated with improved triacylglycerol levels
Thais Lima¹, Jarlei Fiamoncini², José Rubens Arnoni Junior¹, José Celestino Araújo Junior¹, Cinthia Taglieri¹, Heraldo Possolo de Souza³, Hannelore Daniel², Thais Martins de Lima³ (¹Clinica IMEC , ²Technische Universität München , ³Medical School, University of Sao Paulo)
- T3P35 Changes in body composition induced by a very low-calorie-ketogenic diet in the treatment of obese patients: evaluation by DXA scan, multifrequency bioelectrical impedance and air displacement plethys
Gomez-Arbelaes D¹, Crujeiras AB², Bellido D³, Castro AI², Ordoñez-Mayan L², Carreira J⁴, Galban C⁴, Martinez-Olmos MA², Sajoux I⁵, Casanueva FF² (¹Division of Endocrinology, Department of Medicine, Complejo Hospitalario Universitario de Santiago (CHUS), Santiago de Compostela, Spain , ²Division of Endocrinology, Department of Medicine, Complejo Hospitalario Universitario de Santiago (CHUS), and CIBER fisiopatología de la Obesidad y Nutrición, Santiago de Compostela, Spain , ³Division of Endocrinology, Complejo Hospitalario Universitario de Ferrol and Coruña University, Ferrol, Spain. , ⁴Intensive Care Division, Complejo Hospitalario Universitario de Santiago (CHUS), Santiago de Compostela, Spain. , ⁵Medical Department Pronokal, Pronokal Group, Barcelona, Spain)

- T3P36 Characterization of metabolically healthy obesity and relation with vitamin D in a bariatric surgery population
Claudia Matta Coelho¹, Vera Fernandes¹, Ana Margarida Monteiro¹, Sílvia Paredes¹, Multidisciplinary Group for Surgical Management of Obesity², Selma Souto¹, Flora Correia³ (¹Endocrinology Department, Braga Hospital, Portugal , ²Braga Hospital, Portugal , ³Faculty of Nutrition and Food Science, University of Porto, Portugal)
- T3P37 Circulating concentrations of ANGPTL8/betatrophin are altered in dyslipidemia
 Javier Gomez-Ambrosi¹, Eider Pascual-Corrales², Victoria Catalán¹, Amaia Rodríguez¹, Beatriz Ramírez¹, Sonia Romero³, Neus Vila³, Patricia Ibáñez³, Mariángeles Margall³, Camilo Silva³, María J Gil⁴, Javier Salvador⁵, Gema Frühbeck⁶ (¹Metabolic Research Laboratory, Clínica Universidad de Navarra, IdiSNA, CIBEROBN, Pamplona, Spain , ²Department of Endocrinology & Nutrition, Clínica Universidad de Navarra, Pamplona, Spain , ³Department of Endocrinology & Nutrition, Clínica Universidad de Navarra, IdiSNA, CIBEROBN, Pamplona, Spain , ⁴Department of Biochemistry, Clínica Universidad de Navarra, IdiSNA, CIBEROBN, Pamplona, Spain , ⁵Department of Endocrinology & Nutrition, Clínica Universidad de Navarra, CIBEROBN, Pamplona, Spain , ⁶Metabolic Research Laboratory, Department of Endocrinology & Nutrition, Clínica Universidad de Navarra, IdiSNA, CIBEROBN, Pamplona, Spain)
- T3P38 Circulating Vaspin levels are not influenced by gluteal cryolipolysis
Kyu Rae Lee¹, In Cheol Hwang², Ki Dong Ko², Heuy Sun Suh², Kyung Kon Kim² (¹Bariatric clinic, Family Medicine, Dongincheon Gil Hospital, Gachon University , ²Family Medicine, Gil Medical Center Gachon University)
- T3P39 Clinical pattern and role of comorbidity in development of HF-pEF
Yulia Dubolazova¹, Oxana Drapkina² (¹the National Research Center for Preventive Medicine of the Ministry of Healthcare of the Russian Federation , ²the National Research Center for Preventive Medicine of the Ministry of Healthcare of the Russian Federation)
- T3P40 Clinical usefulness of immunoreactive insulin measurement in the course of OGTT
Yavor Assyov¹, Zdravko Kamenov¹ (¹Department of Internal Diseases, Medical University - Sofia)
- T3P41 COMPARATIVE ANALYSIS OF RESPIRATORY MUSCLE STRENGTH BEFORE AND AFTER BARIATRIC SURGERY USING FIVE PREDICTIVE EQUATIONS
Sjaak Pouwels¹, Marc Buise², Frank Smeenk³, Joep Teijink⁴, Simon Nienhuijs⁴ (¹Franciscus Vlietland, Schiedam, The Netherlands , ²Department of Anesthesiology, Catharina Hospital, Eindhoven, The Netherlands , ³Department of Respiratory Medicine, Catharina Hospital, Eindhoven, The Netherlands , ⁴Department of Surgery, Catharina Hospital, Eindhoven, The Netherlands)
- T3P42 Comparative study of the nutritional status of vitamin A in pregnant women and in women who became pregnant or did not after Roux-en-Y Gastric Bypass
 SABRINA CRUZ¹, ANDREA MATOS¹, SUZANE NUNES MACHADO², SUELEM CRUZ², SILVIA PEREIRA¹, CARLOS SABOYA³, ANDRÉA RAMALHO¹ (¹Researcher of the Center for Research on Micronutrients (NPqM)/ FEDERAL UNIVERSITY OF RIO DE JANEIRO , ²FEDERAL UNIVERSITY OF RIO DE JANEIRO , ³Brazilian Society of Bariatric and Metabolic Surgery)
- T3P43 Comparing the effects of protein supplementation during energy balance and energy restriction on appetite and food preferences
Neil King¹, Leonie Ruddick-Collins¹, Nuala Byrne¹ (¹Queensland University of Technology)
- T3P44 Comparison of an electronic versus traditional food diary for assessing dietary intake – a validation study
 Nicholas R Fuller¹, Mackenzie Fong¹, James Gerofi¹, Fatima Ferkh¹, Chloris Leung¹, Lisa Leung¹, Shaoyu Zhang¹, Michael Skilton¹, Ian D Caterson¹ (¹The Boden Institute, The University of Sydney)
- T3P45 Comparison of High-Intensity Interval Training and moderate-intensity aerobic exercise on fat mass and metabolic profile in older women with abdominal obesity.

Boukabous Inès¹, Boulay Pierre², Brochu Martin², Dionne Isabelle², Tessier Daniel², Riesco Eléonor² (¹Research Center of Anging CSSS-IUGS, University of Sherbrooke , ²University of Sherbrooke)

- T3P46 Comparison of long term evolution of nutritional parameters after gastric bypass and restrictive bariatric surgery
Séverine LEDOUX¹, Ouidad SAMI¹, Daniela CALABRESE², Simon MSIKA², Muriel COUPAYE¹ (¹Explorations Fonctionnelles, Centre de prise en charge de l'Obésité, Hôpital Louis Mourier (AP-HP), 92700 Colombes and Faculté Paris Diderot, France , ²Service de Chirurgie, Centre de prise en charge de l'Obésité, Hôpital Louis Mourier (AP-HP), 92700 Colombes and Faculté Paris Diderot, France)
- T3P47 Comparison of Micronutrients Adequacy Intake, 6 and 12 months after Roux-En-Y Gastric Bypass and Sleeve Gastrectomy.
Ziadlou Maryam¹, valizadeh Majid², Barzin Maryam², Khalaj Alireza³, Hosseinpanah Farhad², Mahdavi Maryam², Mozzafari Khosravi Hassan⁴ (¹Obesity Research Center, Research Institute for Endocrine Sciences , ²Obesity Research Center, Research Institute for Endocrine Science, Shahid Beheshti University of Medical Sciences, Tehran, IR Iran , ³Obesity Treatment Center, Department of Surgery, Shahed University, Tehran, Islamic Republic of Iran , ⁴Nutrition Department at International campus, Shahid Sadoughi University of Medical Sciences, Yazd, Iran)
- T3P48 Comparison of nutritional status and neonatal outcomes in pregnant women according to type of bariatric surgery
COUPAYE M¹, LEGARDEUR H², SAMI O¹, CALABRESE D¹, MSIKA S¹, MANDELBROT L², LEDOUX S¹ (¹Centre de prise en charge de l'Obésité, Hôpital Louis Mourier (AP-HP), Colombes and Université Paris Diderot, France , ²Service de Gynécologie-Obstétrique, Hôpital Louis Mourier (AP-HP), Colombes and Université Paris Diderot, France)
- T3P49 Consequences of Biliopancreatic Diversion in bone metabolism expressed by PTH and Vitamin D: five years of experience.
Paula Díaz Jover¹, Gabriela², Alessander Bianchi², Patricia Jiménez Morillas², Alberto Pagan Pomar², Ramón Urgeles², José Martínez Córcoles², Xavier González Argente² (¹Hospital universitario Sor Espases , ²Hospital Universitario Son Espases)
- T3P50 Conservative multidisciplinary intervention in the treatment of obesity. Preliminary data after 1 year
Elvira-Alina Colonelu, doctor¹, Eli D. Andersen, Psychologist¹ (¹NIMI Ringerike AS (Norwegian Institute of Sports Medicine))
- T3P51 Detecting leakage in bariatric patients: Value of clinical, paraclinical, and radiological parameters
Anna Duprée¹, Stefan Wolter¹, Philipp Busch¹, Jameel Miro¹, Jakob Robert Izbicki¹, Jens Aberle¹, Oliver Mann¹ (¹University Medical Center Hamburg-Eppendorf)
- T3P52 Diastolic Left Ventricular Function in obese hypertensive patients treated by ACE inhibitor
Korneeva Olga¹, Drapkina Oxana¹ (¹National Research Center for Preventive Medicine of the Ministry of Healthcare of the Russian Federation, Moscow, Russian Federation)
- T3P53 Diet quality and its association with weight status in adolescents
Parisa Keshani¹, Shiva Faghih², Moosa Salehi³, Maryam Bordbar⁴, Ayda Atefatfar⁴ (¹School of Nutrition and Food Sciences, Shiraz University of Medical Sciences, Shiraz, Iran , ²Department of Community Nutrition, School of Nutrition and Food Sciences, Shiraz University of Medical Sciences, Shiraz, Iran , ³Department of Clinical Nutrition, School of Nutrition and Food Sciences, Shiraz University of Medical Sciences, Shiraz, Iran , ⁴Department of Nutrition Sciences, Islamic Azad University Sarvestan Branch, Sarvestan, Iran)
- T3P54 Dietary phylloquinone consumption and the risk of incident cataracts in an elderly Mediterranean population

María Lucía Camacho Barcia¹, Mònica Bulló², Jesús Francisco García-Gavilán¹, Miguel Ruiz Canela³, Dolores Corella⁴, Ramón Estruch⁵, Montserrat Fitó⁶, Alfredo García Layana⁷, Fernando Arós⁸, Miquel Fiol⁹, José Lepetra¹⁰, Lluís Serra-Majem¹¹, Xavier Pintó¹², Ana García-Arellano³, Ernest Vinyoles⁶, José Vicente Sorli¹³, Jordi Salas-Salvadó¹⁴ (¹Human Nutrition Unit, Biochemistry and Biotechnology Department, Faculty of Medicine and Health Sciences, University Hospital of Sant Joan de Reus, IISPV, Universitat Rovira i Virgili, Reus, Spain. , ²Human Nutrition Unit, Biochemistry and Biotechnology Department, Faculty of Medicine and Health Sciences, University Hospital of Sant Joan de Reus, IISPV, Universitat Rovira i Virgili, Reus, Spain; and CIBERobn Physiopathology of Obesity and Nutrition, In , ³CIBERobn Physiopathology of Obesity and Nutrition, Instituto de Salud Carlos III, Madrid, Spain; and University of Navarra, Medical School, Department of Preventive Medicine and Public Health, Pamplona, Spain. , ⁴CIBERobn Physiopathology of Obesity and Nutrition, Instituto de Salud Carlos III, Madrid, Spain; and Department of Preventive Medicine, University of Valencia, Valencia, Spain. , ⁵CIBERobn Physiopathology of Obesity and Nutrition, Instituto de Salud Carlos III, Madrid, Spain; and Department of Internal Medicine, August Pi i Sunyer Institute of Biomedical Research (IDIBAPS), Hospital Clinic, University of Barcelona, Barcelona, Spain , ⁶CIBERobn Physiopathology of Obesity and Nutrition, Instituto de Salud Carlos III, Madrid, Spain; and Cardiovascular Risk and Nutrition (Regicor Study Group), Hospital del Mar Medical Research Institute, Barcelona Biomedical Research Park, Barcelona, Spain , ⁷CIBERobn Physiopathology of Obesity and Nutrition, Instituto de Salud Carlos III, Madrid, Spain and Department of Ophthalmology, University of Navarra, Pamplona, Spain. , ⁸CIBERobn Physiopathology of Obesity and Nutrition, Instituto de Salud Carlos III, Madrid, Spain, and Department of Cardiology, Hospital Txangorritxu, Vitoria, Spain. , ⁹CIBERobn Physiopathology of Obesity and Nutrition, Instituto de Salud Carlos III, Madrid, Spain, and Department of Cardiology, Hospital Universitario Son Dureta, Palma de Mallorca, Spain. , ¹⁰CIBERobn Physiopathology of Obesity and Nutrition, Instituto de Salud Carlos III, Madrid, Spain; and San Pablo Health Center, Sevilla, Spain. , ¹¹CIBERobn Physiopathology of Obesity and Nutrition, Instituto de Salud Carlos III, Madrid, Spain; and Research Institut of Biomedical and Health Sciences, University of Las Palmas de Gran Canaria, Las Palmas, Spain. , ¹²CIBERobn Physiopathology of Obesity and Nutrition, Instituto de Salud Carlos III, Madrid, Spain; and Lipids and Vascular Risk Unit, Internal Medicine, Hospital Universitario de Bellvitge, Barcelona, Spain , ¹³CIBERobn Physiopathology of Obesity and Nutrition, Instituto de Salud Carlos III, Madrid, Spain; and Department of Preventive Medicine, University of Valencia, Valencia, Spain. , ¹⁴CIBERobn Physiopathology of Obesity and Nutrition, Instituto de Salud Carlos III, Madrid, Spain; and Department of Preventive Medicine, University of Valencia, Valencia, Spain. , ¹⁴CIBERobn Physiopathology of Obesity and Nutrition, Instituto de Salud Carlos III, Madrid, Spain; and Department of Preventive Medicine, University of Valencia, Valencia, Spain.)

- T3P55 Dietary protein content modulates the amino-acid and IGF1 responses to sucrose overfeeding in humans.
Prasanthi Jegatheesan¹, Anna Surowska¹, Vanessa Campos¹, Jérémy Cros¹, Nathalie Stefanoni¹, Valentine Rey¹, Philippe Schneider¹, Jean-Pascal De Bandt², Luc Tappy¹ (¹Department of Physiology, University of Lausanne, Lausanne, Switzerland , ²EA4466, Faculty of Pharmacy, Paris Descartes University, Sorbonne Paris Cité, 75006 Paris, France)
- T3P56 Disordered eating, weight and shape concerns among bariatric patients and controls
Lilac Lev-Ari¹, Ada H Zohar¹, Rachel Bachner-Melman¹, Inbal Globus², Anat Burstein-Klomek³, Yael Latzer⁴ (¹Ruppin Academic Center , ²University of Haifa , ³Interdisciplinary Center (IDC) , ⁴University of Haifa; Rambam Health Care Campus)
- T3P57 Does a previous daily soft drink intake impair the effects of bariatric surgery?
Arvo Haenni¹, Hans-Erik Johansson¹, Desire Nelson² (¹Dept of Surgery, Falu lasarett and Uppsala University, Sweden , ²Dept of Surgery, Falu lasarett)
- T3P58 Does gender and ethnic differences in fasting blood leptin persist after adjusting for differences in body composition?
Sadhna Hunma¹, Harris Ramuth¹, Jennifer L Miles-Chan², Yves Schutz², Jean-Pierre Montani², Noorjehan Joonas¹, Abdul G Dulloo² (¹Obesity Unit, Victoria Hospital, Ministry of Health and Quality of Life, Mauritius , ²Department of Medicine, Division of Physiology, University of Fribourg, Fribourg, Switzerland)
- T3P59 Does nonlinear resistance training reduce metabolic syndrome in people living with HIV? A randomized clinical trial
Hugo R. Zanetti¹, Lucas G. da Cruz¹, Camilo L. M. Lourenço¹, Fernando F. Neves², Mario L. Silva-Vergara², Edmar L. Mendes³ (¹Postgraduate Program in Physical Education – Federal University of Triângulo Mineiro - Uberaba/MG, Brazil , ² Postgraduate Program in Infectious Disease and Tropical Medicine - Federal University of Triângulo Mineiro – Uberaba/MG, Brazil , ³ Sports Science Department - Federal University of Triângulo Mineiro – Uberaba/MG, Brazil)
- T3P60 Double-blind, randomised, placebo-controlled three-way crossover clinical investigation to evaluate the benefit of IQP-VV-102 in reducing postprandial glucose level in overweight Caucasian subjects
Gordana Bothe¹, Emily Teng², Pee-Win Chong³, JooLian Khoo², Ralf Uebelhack¹ (¹Analyze & Realize GmbH , ²InQpharm Europe Ltd , ³Zaluvida Corporate Ltd)

- T3P61 Early weight-loss and weight regain after gastric bypass predict weight outcome at 10 years.
Camille DESPLAND¹, Sina RUEGER², Lucie FAVRE¹, Michel SUTER³, Blandine LAFERRERE⁴, François PRALONG¹, Zoltan KUTALIK², Nathalie VIONNET¹ (¹Service of Endocrinology, Diabetology, and Metabolism, Lausanne University Hospital, 1011 Lausanne, Switzerland; , ²Institute of Social and Preventive Medicine, Lausanne University Hospital, Lausanne, Switzerland; Swiss Institute of Bioinformatics, Lausanne, Switzerland , ³Department of Surgery, Lausanne University Hospital, Lausanne, Switzerland / Department of Surgery, Hôpital Riviera-Chablais, Aigle-Monthey, Switzerland , ⁴New York Obesity Nutrition Research Center, Department of Medicine, Columbia University College of Physicians and Surgeons, New York, NY)
- T3P62 EATING BEHAVIOR AND BODY WEIGHT LOSS IN WOMEN LONG AFTER GASTRIC BYPASS SURGERY.
 Isabelle Romero Novelli¹, Laís Gomes Fonseca¹, Daniela Lopes Gomes², Eliane Said Dutra¹, Kênia Mara Baiocchi Carvalho¹ (¹University of Brasilia, Brazil , ²University of Para, Brazil)
- T3P63 Effect of a 6-week very low calorie diet on anthropometric characteristics and blood clinical chemistry parameters in subjects with obesity
Lieselotte Cloetens¹, Åsa Sedin¹, Mona Landin-Olsson² (¹Biomedical Nutrition, Pure and Applied Biochemistry, Lund University, Lund, Sweden , ²Department of Endocrinology, Lund University Hospital, Lund, Sweden)
- T3P64 Effect of regular magnesium supplementation on Dyslipidemia in Obese Insulin Resistant patients
Romina Wulfsohn¹, Máximo Ravenna¹ (¹Therapeutic Center Máximo Ravenna)
- T3P65 Effect of weight loss on muscle strength and bone mineral density in adults with overweight and obesity – the PREVIEW Study Australia
 Radhika V Seimon¹, Jarron Dodds¹, Roslyn Muirhead¹, Jessica Zibellini¹, Arpita Das¹, Anthony L Wild-Taylor¹, Shannon Overs¹, Jessica Honeywood¹, Alice Meroni¹, Mikael Fogelholm², Anne Raben³, Jennie Brand-Miller¹, Amanda Sainsbury¹ (¹University of Sydney , ²University of Helsinki , ³University of Copenhagen)
- T3P66 Effectiveness of a digitally delivered behavioural intervention for weight loss maintenance in obese adults: the randomised controlled NULevel trial
Falko F. Sniehotta¹, Elizabeth Evans¹, Kirby Sainsbury¹, Ashley J Adamson¹, Alan M Batterham², Heather Brown¹, Elaine McColl¹, Patrick Olivier¹, Alexander J Rothman³, Ruth Vieira¹, Denise Howel¹, Luke Vale¹, Martin White⁴, Peter Wright¹, Vera Araújo-Soares⁵ (¹Newcastle University , ²Teesside University , ³University of Minnesota , ⁴Cambridge University , ⁵Newcastle University)
- T3P67 Effects of a 6-month caloric restriction induced-weight loss program in obese postmenopausal women with and without the metabolic syndrome. A MONET Study
Ahmed Ghachem¹, Denis Prud'homme², Rémi-Rabasa-Lhoret³, Martin Brochu¹ (¹University of Sherbrooke , ²University of Ottawa , ³University of Montreal)
- T3P68 EFFECTS OF BARIATRIC SURGERY ON INSPIRATORY MUSCLE STRENGTH
Sjaak Pouwels¹, Marieke Aarts², Mohammed Said², Joep Teijink², Simon Nienhuijs² (¹Franciscus Vlietland, Schiedam, The Netherlands , ²Department of Surgery, Catharina Hospital, Eindhoven, The Netherlands)
- T3P69 Effects of dietary protein content on metabolic responses to sucrose overfeeding in healthy humans
Anna Surowska¹, Prasanthi Jegatheesan¹, Vanessa Campos¹, Jérémy Cros¹, Karin Zwygart², Roland Kreis², Chris Boesch², Luc Tappy¹ (¹Department of Physiology, Faculty of Biology and Medicine, University of Lausanne, Lausanne, Switzerland , ²Department of Clinical Research, University of Bern and Institute of Diagnostic Interventional and Pediatric Radiology, University Hospital, Bern, Switzerland)
- T3P70 Effects of electrical muscle stimulation on waist circumference in adults: a randomized controlled trial

Sang Yeoup Lee¹, Eun Jeong Choi², Yun Jin Kim³ (¹Pusan National University Yangsan Hospital , ²Daedong Hospital , ³Pusan National University Hospital)

- T3P71 Effects of gastroplasty roux-en-y on body weight and clinical metabolic comorbidities at the bariatric surgery service of an university hospital
Cátia Ferreira da Silva¹, Eliane Lopes Rosado², João Régis Ivar Carneiro¹, Felipe Monnerat Marino Rosa¹, Antônio Augusto Peixoto de Souza¹, Fernanda Cristina Carvalho Mattos Magno² (¹Hospital
Universitário Clementino Fraga Filho , ²Universidade Federal do Rio de Janeiro)
- T3P72 effects of hesperidin supplementation on weight , glycemic control, lipid profile and inflammatory factors in patients with type 2 diabetes: a randomized, controlled clinical trial
Shahryar Eghtesadi¹, Mohammad Mohammadi², Mohammadreza Vafa³, Hossein KhademHaghighian⁴, Iraj Heidari⁵, Masoud Salehi⁶, Fatemehsadat Amiri⁷, Rooya Alipour⁸, Maryam Eghtesadi⁹ (
¹Iran University of Medical Sciences, School of Public Health, Tehran, Iran , ²Iran University of Medical Sciences, School of Public Health, Tehran Iran , ³Iran University of Medical Sciences, School of
Public Health, Tehran, Iran , ⁴Ahwaz University of Medical Sciences, School of Paramedicine, Ahwaz, Iran. , ⁵Iran University of Medical Sciences, School of Medicine, Tehran, Iran , ⁶Iran University of
Medical Sciences, School of Public Health, Tehran, Iran. , ⁷Iran University of Medical Sciences, school of Public Health, Tehran, Iran , ⁸Iran University of Medical Sciences, School of Public Health,
Tehran. Iran . ⁹Azad University. Tehran Medical Branch. School of Medicine. Tehran. Iran)
- T3P73 Effects of juçara (Euterpe edulis Mart.) supplementation in the inflammatory state of obese: a pilot study
Giovana Jamar¹, Aline Boveto Santamarina¹, Laís Vales Mennitti¹, Perla Pizzi Argentato¹, Victor Zuniga Dourado², Veridiana Vera de Rosso³, Luciana Pellegrini Pisani³ (¹Post Graduate Program of
Interdisciplinary Health Sciences, Federal University of São Paulo (Unifesp), Santos, São Paulo, Brazil , ²Department of Human Movement Sciences, Federal University of São Paulo (Unifesp), Santos,
São Paulo, Brazil , ³Department of Biosciences, Federal University of São Paulo (Unifesp), Santos, São Paulo, Brazil.)
- T3P74 Effects of thyroid dysfunction on lipoproteins in obesity
Lachezar Lozanov¹, Veselina Koleva¹, Radka Argirova¹, Bojan Lozanov¹ (¹Tokuda Hospital Sofia)
- T3P75 Effects of Vildagliptin and Metformin during post-prandial lipemia on microvascular function, low-grade inflammation, blood viscosity and oxidative stress on recently diagnosed T2DM obese
women
Alessandra Schiappacassa¹, Luiz Guilherme Kraemer Aguiar², Priscila Alves Maranhão¹, Maria das Graças Coelho de Souza¹, Diogo Guarnieri Panazzolo¹, Eliete Bouskela¹ (¹Universidade Estadual
do Rio de Janeiro , ²Universidade Estadual do Rio de Janeiro)
- T3P76 Effects of week-on, week-off energy restriction compared to continuous energy restriction
Michelle Headland¹, Peter M. Clifton¹, Jennifer B. Keogh¹ (¹University of South Australia)
- T3P77 Efficacy and Tolerability of Intra-gastric balloon placement for management of Obesity
shamail zafar¹, Israr UI Haque² (¹LMDC , ²LGH)
- T3P78 Energy balance during a two year follow up after Roux en Y gastric bypass = an unexplained gap between Energy Expenditure and food intake
Berenice Segrestin¹, Christine Maitrepierre¹, Martine Laville¹, Maud Robert², Emmanuel Disse³ (¹Research center on human nutrition (CRNH Rhône Alpes) , ²Fédération Hospitalo Universitaire DC
IT , ³Claude Bernard University Lyon 1)
- T3P79 Enteroendocrine cell numbers and gastric emptying are modified after bariatric surgeries
J-B. Cavin¹, A. Couvelard², R. Lebtahi³, A. Dieudonné³, J. Vigne³, K. Arapis⁴, L. Ribeiro-Parenti¹, J-P Marmuse⁴, A. Bado¹, M. Le Gall¹ (¹UMRS1149 Inserm, Univ Paris 07, Paris, France , ²Department
of Pathology, Hôpital Bichat, Paris, France , ³Department of Nuclear Medicine, Bichat Hospital, Paris, France , ⁴Department of Surgery, Hôpital Bichat, Paris France)

- T3P80 EVALUATION OF A SERIES OF 95 CONSECUTIVE LAPAROSCOPIC VERTICAL GASTRECTOMIES
Paula Díaz Jover¹, Alessander Bianchi¹, Patricia Jiménez Morillas¹, Alberto Pagan Pomar¹, José Martínez Córcoles¹, Xavier González Argente¹ (¹Hospital Universitario Son Espases)
- T3P81 EVALUATION OF A SERIES OF 95 CONSECUTIVE LAPAROSCOPIC VERTICAL GASTRECTOMIES
Paula Díaz Jover¹, Alessander Bianchi¹, Patricia Jiménez Morillas¹, Alberto Pagan Pomar¹, José Martínez Córcoles¹, Xavier González Argente¹ (¹Hospital Universitario Son Espases)
- T3P82 Evaluation of Different Scores to Predict Nonalcoholic Fatty Liver Disease in overweight or obese patients with type 2 diabetes
Angeliki Angelidi¹, Maria Angelidi¹, Athanasia Papazafiropoulou¹, Konstantina Anagnostopoulou¹, Ekaterini Vagena¹, Vasilis Velissaris¹, Vangelis Markakis¹, Alexandros Kamaratos¹, Andreas Melidonis¹ (¹Diabetes Center, "Tzaneio" General Hospital of Piraeus, Greece)
- T3P83 Evaluation of eating and cooking habits concomitant with lifestyle changes in obese patients following bariatric surgery. A Greek observational study based on Cretan origin patients.
Christos G. Galanakis¹, Markos Daskalakis¹, John Melissas¹ (¹Bariatric Unit, Faculty of Medicine, University of Crete)
- T3P84 Evaluation of nutritional interventions in obesity
mark nuijten¹ (¹a2m)
- T3P85 Ex vivo studies using human peripheral blood mononuclear cells to test metabolic effects of n-3 long-chain polyunsaturated fatty acids
Margalida Cifre¹, Rubén Díaz-Rúa¹, Rubén Varela-Calviño², Bàrbara Reynés¹, Jordi Pericás-Beltrán³, Andreu Palou¹, Paula Oliver¹ (¹Laboratory of Molecular Biology, Nutrition and Biotechnology, Universitat de les Illes Balears and CIBER de Fisiopatología de la Obesidad y Nutrición (CIBERobn), Palma de Mallorca, Spain , ²Department of Biochemistry and Molecular Biology, University of Santiago de Compostela, Santiago de Compostela, Spain , ³Research Group on Evidence, Lifestyles & Health, Universitat Illes Balears, Palma de Mallorca, Spain)
- T3P86 Experiences in affective-sexual obesity contexts
Filomena Maria Coutinho Pereira¹, Ana Pereira², Maria Augusta Veiga-Branco³ (¹Faculdade de Medicina da Universidade de Lisboa, PAIDEIA , ²Instituto Politécnico de Bragança , ³Instituto Politécnico de Bragança, RECI, PAIDEIA)
- T3P87 Extra virgin olive oil intake reduces the risk of osteoporotic fractures in middle-aged and elderly Mediterranean population.
Jesús Francisco García-Gavilán¹, Mònica Bulló², Silvia Canuda¹, miguel A. martínez-Gonzalez³, Ramón Estruch⁴, Simona Giardina¹, Montserrat Fitó⁵, Dolores Corella⁶, Emilio Ros⁷, Jordi Salas-Salvadó²
(¹Human Nutrition Unit, URV-IISPV, Reus, Spain. , ²Human Nutrition Unit, URV-IISPV, Reus, Spain and CIBERobn-ISCI, Madrid, Spain. , ³University of Navarra , ⁴Department of Internal Medicine, IDIBAPS-UB, Barcelona, Spain. , ⁵Regicor Study Group, Hospital del Mar, Barcelona, Spain. , ⁶CIBERobn-ISCI, Madrid, Spain and Department of Preventive Medicine, UV, Valencia, Spain. , ⁷CIBERobn ISCI, Madrid, Spain and Lipic Clinic, Endocrinology and Nutrition service, IDIBAPS-UB, Barcelona, Spain.)
- T3P88 Facilitating detection of Visceral Adipose Tissue in a Population at Higher Risk of Metabolic Disease
Radhika V Seimon¹, Anthony L Wild-Taylor¹, Shelley E Keating², Sally McClintock¹, Hamish A Fernando¹, Claudia Harper¹, Alice A Gibson¹, Michelle SH Hsu¹, Nathan A Johnson¹, Tania P Markovic³, Stuart M Grieve³, Ian D Caterson¹, Nuala M Byrne⁴, Amanda Sainsbury¹ (¹University of Sydney , ²University of Queensland , ³University of Sydney, Royal Prince Alfred Hospital , ⁴University of Tasmania)
- T3P89 Fasting plasma glucose levels in impaired fasting glucose participants and coronary artery calcification
Sung-Goo Kang¹, Sang-Wook Song¹ (¹the Catholic University of Korea)

- T3P90 Fat and fat-free mass contribution to weight loss during an intensive diet and exercise intervention
Teresa Branco¹, Sandra Martins², Paulo Vieira², Armando Raimundo³ (¹Instituto Prof. Teresa Branco, Oeiras, Portugal , ²Universidade Europeia, Lisbon, Portugal; Instituto de Saúde Ambiental, Faculdade de Medicina, Universidade de Lisboa, Lisbon, Portugal , ³Universidade de Évora)
- T3P91 Flaxseed consumption could improve adiponectin level and reduce central obesity in overweight or obese women. A randomized control clinical trial
Shiva Faghih¹, Hoda Ahmadnia¹ (¹Department of Community Nutrition, School of Nutrition and Food Sciences, Shiraz University of Medical Sciences, Shiraz, Iran.)
- T3P92 Follow-up study after laparoscopic adjustable gastric banding: modifications in inflammatory state and iron metabolism
Cristina Catarino¹, Cátia Ferreira², Petronila Rocha Pereira³, Alice Catarino⁴, Luís Monteiro⁴, Susana Coimbra⁵, Alice Santos Silva¹ (¹UCIBIO\REQUIMTE, Department of Biological Sciences, Laboratory of Biochemistry, Faculty of Pharmacy, University of Porto, Porto, Portugal , ²Laboratory of Biochemistry, Faculty of Pharmacy, University of Porto, Porto, Portugal , ³UCIBIO\REQUIMTE, Department of Biological Sciences, Laboratory of Biochemistry, Faculty of Pharmacy, University of Porto, Porto, Portugal; Health Science Research Centre, University of Beira Interior, Covilhã, Portugal , ⁴Hospital of Prelada-Dr. Domingos Braga da Cruz, Porto, Portugal , ⁵UCIBIO\REQUIMTE, Department of Biological Sciences, Laboratory of Biochemistry, Faculty of Pharmacy, University of Porto, Porto; CESPU, Institute of Research and Advanced Training in Health Sciences and Technologies (IINFACTS), Gandra-PRD, Portugal)
- T3P93 GASTROESOPHAGEAL ACID REFLUX DISEASE AND BARIATRIC SURGERY: SLEEVE GASTRECTOMY VERSUS ROUX-EN-Y-GASTRIC BY-PASS.
ÁNGEL MICHAEL ORTIZ ZÚÑIGA¹, Mireia Guerro², MJ Perez³, AM Aparici³, A. Acarino³, M Velasquez¹, R. Vilallonga⁴, JM Fort⁴, Jordi Mesa², Andreea Ciudin² (¹Endocrinology and Nutrition Department, Vall d'Hebrón University Hospital, Barcelona, Spain. , ²Endocrinology and Nutrition Department, Vall d'Hebrón University Hospital, Barcelona, Spain , ³Gastroenterology Department, Vall d'Hebrón University Hospital, Barcelona, Spain. , ⁴Endocrine and Metabolic Surgery Department, Vall d'Hebrón University Hospital, Barcelona, Spain)
- T3P94 Gender and age, but not obesity, affects serum dexamethasone and/or cortisol levels post overnight 1 mg dexamethasone suppression test
Idit Dotan¹, Ester Osher², Yona Greenman², Karen Tordjman², Rona Limor², Suzan Gilad², Yaffa Moshe², Victor Novack³, Ronen Toledano³, Naftali Stern² (¹Tel Aviv-Sourasky Medical Center and Sackler Faculty of Medicine, Israel and McGill University Health Center, Montreal, Canada , ²Tel Aviv-Sourasky Medical Center and Sackler Faculty of Medicine, Israel , ³Soroka University Medical Center and the Faculty of Health Sciences, Ben-Gurion University of the Negev, Beer Sheba, Israel)
- T3P95 Gender as a determinant of weight loss after bariatric surgery
Charlotte Raymonde-Parker¹, Amali Abeysekera¹, Mourad Labib¹ (¹Russells Hall Hospital, The Dudley Group NHS Foundation Trust)
- T3P96 Genomic, proteomic and metabolomic predictors of atherosclerosis in obese patients
Olga Chernyak¹, Tatyana Sentsova¹, Ilya Vorozhko¹, Alfred Bogdanov¹, Kamilla Gapparova¹ (¹Institute Of Nutrition)
- T3P97 Glasgow Prognostic Score is associated with severity of obesity but not with complication rate in bariatric patients
Stefan Wolter¹, Anna Duprée¹, Jameel Miro¹, Cornelia Schroeder¹, Philipp Busch¹, Jens Aberle¹, Yogesh Vashist¹, Oliver Mann¹ (¹University Medical Center Hamburg-Eppendorf)
- T3P98 Hepatic fibrosis is associated with lower BMI-reduction and muscle mass after gastric bypass

Maria Luger¹, Renate Kruschitz², Eva Luger³, Karin Schindler⁴, Michael Trauner⁵, Michael Krebs⁴, Anita Rieder⁶, Friedrich Hoppichler⁷, Bernhard Ludvik⁸ (¹Division of Endocrinology and Metabolism Department of Internal Medicine III, Medical University of Vienna; Special Institute for Preventive Cardiology And Nutrition – SIPCAN, Salzburg; Division of Social and Preventive Medicine, Centre for Public Health , ²Division of Endocrinology and Metabolism, Department of Internal Medicine III, Medical University of Vienna; Department of Internal Medicine, Elisabethinen-Krankenhaus Klagenfurt , ³Division of Social and Preventive Medicine, Centre for Public Health, Medical University of Vienna; Special Institute for Preventive Cardiology And Nutrition – SIPCAN, Salzburg , ⁴Division of Endocrinology and Metabolism, Department of Internal Medicine III, Medical University of Vienna , ⁵Division of Gastroenterology and Hepatology, Department of Internal Medicine III, Medical University of Vienna , ⁶Division of Social and Preventive Medicine, Centre for Public Health, Medical University of Vienna , ⁷Special Institute for Preventive Cardiology And Nutrition – SIPCAN, Salzburg; Department of Internal Medicine, Krankenhaus der Barmherzigen Brüder Salzburg , ⁸Department of Medicine 1 and Karl Landsteiner Institute for Obesity and Metabolic Diseases, Rudolfstiftung Hospital Vienna)

- T3P99 High total cardiovascular disease mortality risk and body image discordance in black South African adults with obesity
Kufre Joseph Okop¹, Thandi Puoane¹, Naomi Levitt², Vicki Lambert³ (¹School of Public Health, University of the Western Cape, South Africa , ²Division of Endocrinology and Diabetes, Department of Medicine, University of Cape Town, Cape Town, South Africa , ³Division of Exercise Science and Sport Medicine, Department of Human Biology, University of Cape Town, Cape Town, South Africa)
- T3P100 Hypertension, Obesity, Diabetes, and Heart Failure-Free Survival: The Cardiovascular Disease Lifetime Risk Pooling Project in New Delhi, India
Pardeep Kumar¹, N Baquer¹ (¹Jawaharlal Nehru University)
- T3P101 Impact of a multidisciplinary weight management service on musculoskeletal pain in obese individuals.
Grace MacLellan¹, Colin Dunlevy², Emer O'Malley², Catherine Blake¹, Cathy Breen², Karen Gaynor², Natalie Wallace², Ruth Yoder², Domhnall Casey², John Mehegan¹, Donal O'Shea², Brona Fullen¹ (¹University College Dublin, School of Public Health, Physiotherapy & Sports Science, Belfield, Dublin 4, Republic of Ireland , ²Weight Management Service, St. Columcille's Hospital, Loughlinstown, Co. Dublin, Republic of Ireland)
- T3P102 Impact of bariatric surgery in reducing cardiovascular risk - application of framingham risk score and score risk
Sofia Castro Oliveira¹, Pedro Souteiro¹, João Sérgio Neves¹, Jorge Pedro¹, Daniela Magalhães¹, Vanessa Gonçalves¹, Rita Bettencourt-Silva¹, Maria Manuel Costa¹, Ana Cristina Santos², Ana Varela¹, Joana Queirós¹, Paula Freitas¹, Davide Carvalho¹, Multidisciplinary Group for Surgical Management of Obesity (AMTCO group)¹ (¹Centro Hospitalar São João , ²Faculty of Medicine, University of Porto)
- T3P103 Impact of bariatric surgery on albuminuria reduction and its predictive factors
Sofia Castro Oliveira¹, João Sérgio Neves¹, Pedro Souteiro¹, Jorge Pedro¹, Daniela Magalhães¹, Vanessa Gonçalves¹, Rita Bettencourt-Silva¹, Maria Manuel Costa¹, Ana Cristina Santos², Ana Varela¹, Joana Queirós¹, Paula Freitas¹, Davide carvalho¹, Multidisciplinary Group for Surgical Management of Obesity (AMTCO group)¹ (¹Centro Hospitalar São João , ²Faculty of Medicine, University of Porto)
- T3P104 IMPACT OF BARIATRIC SURGERY ON NONALCOHOLIC FATTY LIVER DISEASE ASSESSED THROUGH VALIDATED FIBROSIS SCORES
Diego Patricio Meneses Gonzalez¹, Isabel Calvo Viñuelas¹, Oscar Moreno Dominguez¹, Antonio Olveira Martin¹, Ana Cos Blanco¹ (¹University Hospital La Paz)
- T3P105 Impact of central obesity on blood pressure levels of healthcare professionals
Fernanda Tebaldi Henriques de Queiroz¹, Carolina Padilha Tavares¹, Jocasta Cardoso Ansel¹, Lílian Soares da Costa², Simone Raimondi de Souza² (¹Fundação Técnico-Educacional Souza Marques - Escola de Medicina , ²Instituto Estadual de Cardiologia Aloysio de Castro - IECAC)
- T3P106 Impact of high-BMI (Body Mass index) on Non-Communicable Diseases in the European Union
Shelly Chakraborty¹, Kevin Balanda², Ivan J Perry¹, Zubair Kabir¹ (¹University College Cork , ²Institute of Public Health, Dublin)

- T3P107 Impact of regular orange juice consumption with or in-between meals on glucose regulation in healthy subjects
Franziska Hägele¹, Franziska Büsing¹, Alessa Nas¹, Lea Sprügel¹, Alina Kaelble¹, Julian Aschoff², Reinhold Carle², Anja Bosy-Westphal¹ (¹Institute of Nutritional Medicine, University of Hohenheim, Stuttgart, Germany , ²Institute of Food Science and Biotechnology, University of Hohenheim, Stuttgart, Germany)
- T3P108 Impact of regular orange juice or cola consumption on uric acid levels in healthy adults
Franziska Büsing¹, Franziska Hägele¹, Alessa Nas¹, Alina Kaelble¹, Lea Sprügel¹, Julian Aschoff², Reinhold Carle², Anja Bosy-Westphal¹ (¹Institute of Nutritional Medicine, University of Hohenheim, Stuttgart, Germany , ²Institute of Food Science and Biotechnology, University of Hohenheim, Stuttgart, Germany)
- T3P109 Impact of weight loss and ketosis on subjective and objective appetite markers
Anna S. Lyngstad¹, Siren Nymo¹, Silvia R. Coutinho¹, Bard Kulseng², Helen Truby³, Catia Martins¹ (¹Department of Cancer Research and Molecular Medicine, Faculty of Medicine, Norwegian University of Science and Technology (NTNU), Trondheim, Norway , ²Department of Cancer Research and Molecular Medicine, Faculty of Medicine, Norwegian University of Science and Technology (NTNU), Trondheim, Norway, Centre for Obesity and Innovation (ObeCe), Clinic of Surgery, St. Olav University Hospital, Trondheim, No , ³Department of Nutrition, Dietetics & Food, Monash University, Melbourne, Australia.)
- T3P110 Implementation and evaluation of the '5As of Obesity Management' in Primary Care: Results from the 5As Team (5AST) Study
Denise Campbell-Scherer¹, Jodie Asselin², Adedayo M Osunlana³, Ayodele A Ogunleye³, Sheri Fielding⁴, Robin Anderson⁴, Andrew Cave³, Jeffrey A Johnson³, Arya M Sharma³ (¹Department of Family Medicine, University of Alberta, Edmonton, AB, Canada , ²University of Lethbridge , ³University of Alberta , ⁴Edmonton Southside Primary Care Network)
- T3P111 Importance of oral health awareness in patients with diabetes mellitus type 2, a systematic literature review
Anja JANKOVIC-Pejcic¹, Prof.Dr PhD Snjezana Popovic-pejicic² (¹School of dentistry, Medical University Vienna , ²Medical faculty University of Banjaluka Bosnia and Herzegovina)
- T3P112 IMPROVED AND MORE EFFECTIVE ALGORITHMS TO SCREEN FOR NUTRIENT DEFICIENCIES AFTER BARIATRIC SURGERY
Sjaak Pouwels¹, Inge Bazuin², Saskia Houterman³, Simon Nienhuijs⁴, Frans Smulders⁴, Arjen-Kars Boer² (¹Franciscus Vlietland, Schiedam, The Netherlands , ²Department of Clinical Chemistry, Catharina Hospital, Eindhoven, The Netherlands , ³Department of Education and Research, Catharina Hospital, Eindhoven, The Netherlands , ⁴Department of Surgery, Catharina Hospital, Eindhoven, The Netherlands)
- T3P113 Improving Accuracy in Measuring (Metabolizable) Energy Intake
David J. Baer¹, Janet A. Novotny¹ (¹US Department of Agriculture)
- T3P114 Indice Of Visceral Adiposity But Not Bmi Is Associated To Type 2 Diabetes In Obese Patients
Ricardo Fonseca¹, João Sequeira Duarte¹, Catarina Roque¹, Cátia Ferrinhos¹, Rute Ferreira¹, Catarina Saraiva¹, Clotilde Gouveia¹, Zélia Santos¹, Olga Ribeiro¹, Carlos Nascimento¹, Jorge Azinheira¹, Carlos Vasconcelos¹ (¹Hospital Egas Moniz (CHLO))
- T3P115 Influence of Bifidobacterium lactis isolated or combined with oligofructose on anthropometric and laboratory variables of obese women
Louise Crovesy¹, Marjorie Ostrowski¹, Márcia Mota-Soares¹, Eliane Lopes Rosado¹ (¹Federal University of Rio de Janeiro)
- T3P116 INFLUENCE OF BODY MASS INDEX ON BLOOD PRESSURE IN HYPERTENSIVE PATIENTS

IOANNIS KYRIAZIS¹, KONSTANTINOS SGOUROS¹, DIMITRA STEFANI¹, EFTYXIA POULIOU¹, PANAGIOTIS GEORGAKOPOULOS¹, IOANNIS TSAMIS¹, SOFIA PETROPOULOU¹, MOYSSIS LELEKIS¹ (¹INTERNAL MEDICINE Dpt. ,KAT GENERAL HOSPITAL , ATHENS , GREECE)

- T3P117
Influence of Obesity in the Diagnosis and Treatment of Gestational Diabetes
Patrícia Tavares¹, Catarina Machado¹, Eva Ferreira², Sara Monteiro¹, Gustavo Rocha¹, Maria João Oliveira¹ (¹Centro Hospitalar Vila Nova de Gaia/Espinho, Endocrinology department , ²Centro Hospitalar Vila Nova de Gaia/Espinho)
- T3P118
Insights and Perceptions of Obesity Management in People with Obesity: Results of the National ACTION Study
Michelle Look¹, Angela Golden², Nikhil Dhurandhar³, Kim Jinnett⁴, Lee M Kaplan⁵, Ronette L Kolotkin⁶, Theodore K Kyle⁷, Joseph Nadglowski⁸, Patrick M O'Neil⁹, Thomas Parry⁴, German Guerrero¹⁰, Søren Kruse Lilleøre¹¹, Kenneth Tomaszewski¹² (¹San Diego Sports Medicine and Family Health, San Diego, CA, USA , ²NP from Home LLC, Munds Park, AZ, USA , ³Texas Tech University, Lubbock, TX, USA , ⁴Integrated Benefits Institute, San Francisco, CA, USA , ⁵Massachusetts General Hospital, Boston, MA, USA , ⁶Quality of Life Consulting PLLC, Durham, NC, USA , ⁷ConscienHealth, Pittsburgh, PA, USA , ⁸Obesity Action Coalition, Tampa, FL, USA , ⁹Medical University of South Carolina, Charleston, SC, USA , ¹⁰Novo Nordisk Inc, Plainsboro, NJ, USA , ¹¹Novo Nordisk A/S, Søborg, Denmark . ¹²KJT Group Inc. Honeo Falls. NY. USA)
- T3P119
Intragastric Balloon Placement for the Management of Obesity: Improving Patient Selection
Roberto Alatorre Adame¹, Adolfo Leyva Alvizo², Eduardo González Gomez², Francisco X. Treviño Garza², Ulises Garza Serna², Maria Luisa Martinez² (¹Hospital San José Tec de Monterrey / SSNL , ²Hospital San José Tec de Monterrey)
- T3P120
Investigação da Ação Genotóxica/Antigenotóxica do Ginseng (Panax ginseng C. A. Mayer) Relacionada a Ação da Doxorrubicina em Células Somáticas de Drosophila melanogaster.
Denise Gonçalves Pereira¹ (¹FESGO - FACULDADE ESTÁCIO DE SÁ DE GOIÁS)
- T3P121
IS A GASTRIC SEROSEROUS STITCH REQUIRED NOWADAYS? RESULTS OF A SERIES OF 95 CONSECUTIVE LAPAROSCOPIC VERTICAL GASTRECTOMIES
Paula Díaz Jover¹, Patricia Jiménez Morillas¹, Alessander Bianchi¹, Alberto Pagan Pomar¹, José Antonio Martínez Córcoles¹, Gabriela Nicola¹, Xavier González Argente¹ (¹Hospital Universitario Son Espases)
- T3P122
Is there a role for glucagon in weight loss mediated metabolic improvements?
Marta P Silvestre¹, James P Goode², Philip Vlaskovsky¹, Christopher McMahon¹, Audrey Tay¹, Sally D Poppitt¹ (¹University of Auckland , ²University of Tasmania)
- T3P123
Juçara pulp (Euterpe edulis Mart.) supplementation improves $\omega 3 / \omega 6$ ratio in serum and increases fat-free mass in obese subjects without dietary intervention
A.B. Santamarina¹, G. Jamar¹, L.V. Mennitti¹, P.P. Argentato², V.V. de Rosso³, V.Z. Dourado⁴, R.G. Moreira⁵, L.M. Oyama⁶, L.P. Pisani³ (¹Post Graduate Program of Interdisciplinary Health Science of Universidade Federal de São Paulo (UNIFESP) , ²Post Graduate Program in food, nutrition and health of Universidade Federal de São Paulo (UNIFESP) , ³Department of Bioscience of Universidade Federal de São Paulo (UNIFESP) , ⁴Department of Human Movement Science of Universidade Federal de São Paulo (UNIFESP) , ⁵Department of General Physiology - Institute of Biosciences in Universidade de São Paulo . ⁶Department of Nutrition of Universidade Federal de São Paulo (UNIFESP))
- T3P124
Leptin/Adiponectin Ratios using either Total or High-Molecular Weight Adiponectin as Biomarkers of Systemic Insulin Sensitivity in Normoglycaemic Women
Carolina Bravo¹, Rodrigo Cataldo¹, José Galgani², José L. Santos¹ (¹Department of Nutrition, Diabetes and Metabolism. School of Medicine. Pontificia Universidad Católica de Chile , ²Department of Nutrition. Diabetes and Metabolism, School of Medicine. Pontificia Universidad Católica de Chile)
- T3P125
Liraglutide 3.0mg treatment for obese patients, a real life experience

Naim Shehadeh¹, Wisam Abo Zaid², Nehama Zuckerman¹, Miriam Marji², Zolotov Sagit¹ (¹Institute of Diabetes, Endocrinology and Metabolism, Rambam Health Care Campus, Haifa, Israel; Bruce Rappaport Faculty of Medicine- Technion, Haifa, Israel , ²Rambam Health Care Campus, Haifa, Israel)

- T3P126 Long-term effects of Roux-en-Y gastric bypass surgery on quality of life in severely obese Brazilian patients
Alline M Beleigoli¹, Roberta Sonia Rodrigues Alvares¹, Nicholas Hideki Koga Magario¹, Victor Gama van Eijk¹, Lucas Guilherme de Oliveira Freitas¹, Marina Hilario Ferreira¹, Maria de Fátima H S Diniz
(¹Federal University of Minas Gerais, Brazil)
- T3P127 Magnitude and Determinants of Overweight and Obesity among High School Adolescents in Addis Ababa, Ethiopia
Mulugeta Shegaze¹, Mekitie Wondafrash², Alemayehu A. Alemayehu², Shikur Mohammed³, Zewdu Shewangezew⁴, Mukerem Abdo⁴, Gebresilasea Gendisha⁴ (¹Arba Minch University , ²Jimma University, Ethiopia , ³St. Polo's Millennium college, Ethiopia , ⁴Arba Minch University, Ethiopia)
- T3P128 Metabolic Activity in the Visceral and Subcutaneous Adipose Tissues by FDG-PET/CT in obese patients
Ana Margarida Monteiro¹, Gonçalo Ferreira², Hugo Duarte² (¹Endocrinology department of Braga Hospital , ²Nuclear Medicine department of IPO Porto)
- T3P129 Metabolic effects of replacing sugar-sweetened- by artificially sweetened- beverages in overweight subjects with or without hepatic steatosis: a randomized control clinical trial
Vanessa Campos¹, Camille Despland¹, Roland Kreis², Philippe Schneider¹, Chris Boesch³, Luc Tappy¹ (¹University of Lausanne, Switzerland , ²Inselspital Bern, Switzerland , ³Inselspital Bern)
- T3P130 Microarray analysis of liver gene expression in severely obese patients after eight weeks of treatment with long chain n-3 PUFA
Bianca K Itariu¹, Martin Bilban², Melina Amor¹, Gerhard Prager³, Felix Langer³, Thomas M Stulnig¹ (¹Department of Internal Medicine III, Clinical Division of Endocrinology and Metabolism and Christian Doppler-Laboratory for Cardio-Metabolic Immunotherapy, Medical University of Vienna , ²Department of Laboratory Medicine, Medical University of Vienna , ³Department of General Surgery, Div. Bariatric Surgery, Medical University of Vienna)
- T3P131 "Milk, dairy products and fruit" dietary pattern is associated with reduced asthma prevalence and severity in obesity-asthma phenotype
Renata Barros¹, André Moreira², Patrícia Padrão³, Vítor Hugo Teixeira⁴, Carla Lopes⁵, Milton Severo⁵, Luís Delgado², Pedro Moreira⁴ (¹Faculty of Nutrition and Food Sciences, University of Porto, Porto, Portugal , ²Laboratory of Immunology, Basic and Clinical Immunology Unit, Faculty of Medicine, University of Porto, and Immunoallergology Department, Centro Hospitalar São João, Porto, Portugal , ³Faculty of Nutrition and Food Sciences and ISPUP-EPIUnit, University of Porto, Porto, Portugal , ⁴Faculty of Nutrition and Food Sciences and Research Centre on Physical Activity and Health, University of Porto, Portugal , ⁵ISPUP - EPIUnit and Department of Clinical Epidemiology, Predictive Medicine and Public Health, Faculty of Medicine, University of Porto, Porto, Portugal)
- T3P132 Mindful eating and weight loss, results from a randomized trial
Carolyn Dunn¹, Cathy Thomas², Lauren Whetstone³, Surabhi Aggarwal¹ (¹NC State University , ²NC Division of Public Health , ³University of California Sacramento)
- T3P133 Modelling the epidemiological impact of a brief physician intervention for obesity using a microsimulation model
Lise Retat¹, Laura Pimpin¹, Laura Webber¹, Susan Jebb², Paul Aveyard² (¹UK Health Forum , ²University of Oxford)
- T3P134 Multidimensional improvements induced by an intensive obesity inpatients rehabilitation program
Simona Luciana Budui¹, Francesca Giordano¹, Michela Berteotti¹, Laura Franceschini¹, Federica Gilli², Michele Lovisi¹, Sabrina Salvetti¹, Erica Sartori¹, Guido Raschella¹, Federico Schena², Micol Taddei¹, Maria Letizia Petroni¹, Luca Busetto³ (¹Solatrix clinique , ²CERISM Sport Mountain and Health Research Center, University of Verona , ³Center for the Study and the Integrated Management of Obesity. University of Padova. Italv)

- T3P135 Multidisciplinary obesity treatment program improves body composition, cardiorespiratory fitness and autonomic cardiac function in adolescents of different degrees of excess body mass
João Carlos Locateli¹, Carlos Andrés Lopera¹, Adriano Ruy Matsuo¹, Jane Maria Remor¹, Samara Lazarin Alkmim¹, Caroline Ferraz Simões¹, Tamires Leal Cordeiro dos Santos¹, Danilo Fernandes dos Santos¹, Nelson Nardo Júnior¹ (¹State University of Maringa)
- T3P136 MUSCLE MASS AFTER GASTRIC BYPASS: CHARACTERIZATION OF WEIGHT LOSS AND DETERMINANTS OF CHANGE
Daniela Magalhaes¹, Luís Bernardo Silva², Sofia Castro Oliveira¹, João Sérgio Neves¹, Pedro Souteiro¹, Jorge Pedro¹, Vanessa Guerreiro¹, Rita Bettencourt-Silva¹, Maria Manuel Costa¹, Flora Correia², Ana Varela¹, Joana Queirós¹, Paula Freitas¹, Davide Carvalho¹, Grupo AMTCO³ (¹Department of Endocrinology, Diabetes and Metabolism of Centro Hospitalar de São João, Porto, Portugal , ²Faculty of Nutrition and Food Science, University of Porto, Portugal , ³Multidisciplinary Group for Surgical Management of Obesity at Centro Hospitalar de São João, Porto, Portugal)
- T3P137 Musculoskeletal pain profile of obese individuals attending a multidisciplinary weight management service.
Grace MacLellan¹, Colin Dunlevy², Emer O'Malley², Catherine Blake¹, Cathy Breen², Karen Gaynor², Natalie Wallace², Ruth Yoder², Domhnall Casey², John Mehegan¹, Donal O'Shea², Brona Fullen¹ (¹University College Dublin, School of Public Health, Physiotherapy & Sports Science, Belfield, Dublin 4, Republic of Ireland , ²Weight Management Service, St. Columcille's Hospital, Loughlinstown, Co. Dublin, Republic of Ireland)
- T3P138 NADIR OF WEIGHT CHANGE AND WEIGHT REGAIN AFTER THREE TO TEN YEARS OF THREE TYPES OF BARIATRIC SURGERY
Catarina Roque¹, Cátia Ferrinho¹, Ricardo Capitão¹, Francisco Sousa Santos¹, Carlos Tavares Bello¹, Manuela Oliveira¹, João Sequeira Duarte¹, Carlos Vasconcelos¹, J. Cardoso¹, Ana Tapadinhas¹, Cristina Tomás¹ (¹Obesity Multidisciplinary Team, Hospital de Egas Moniz, C.H.L.O. Lisboa)
- T3P139 New Diabetes Genetic Risk Assessment Tool for the Prevention of Type 2 Diabetes in Mexico
Mirella Zulueta¹, Lorena Orozco², Eligia Juárez-Torres³, Elisa Ramirez-Campos⁴, Melissa Marin-Medina⁴, Leire Mendizabal⁵, Laureano Simón⁵, Jaime Berumen⁶ (¹Patia Biopharma, Mexico , ²Instituto Nacional de Medicina Genómica, México , ³Hospital General de México/Facultad de Medicina, Universidad Nacional Autónoma de México, Mexico , ⁴Huella Génica, México , ⁵Patia Biopharma, Spain , ⁶) Unidad de Medicina Genómica, Hospital General de México/Facultad de Medicina, Universidad Nacional Autónoma de México, México)
- T3P140 No changes of serum fetuin-a levels six months after bariatric surgery
Christos Verras¹, Yannis Simos², Angeliki Angelidi¹, George Ayiomamitis³, Evangelos Fousteris¹, Spyridon Konitsiotis², Angelos Evangelou², Dimitrios Kiortsis², Andreas Melidonis¹ (¹Diabetes Center, Tzanio General Hospital, Piraeus, Greece , ²Laboratory of Physiology, Medical School of University of Ioannina, Ioannina, Greece , ³2nd Surgical Department, Tzanio General Hospital, Piraeus, Greece)
- T3P141 NOR = Neuro-Olfactive Reprogramming
NICOLAS PINELLI¹ (¹2010)
- T3P142 Novel technique of distal LRYGBP for insufficient weight loss after primary procedure and in superobese patients: personal experience and primary results
Theodoros Thomopoulos¹, Vincent Tomasi¹, Benoit Navez¹ (¹Saint-Luc)
- T3P143 Nutrient intake's assessment to obese people before and after a nutritional intervention
Mihaela Posea¹, Andreea Dragomir², Gabriela Radulian³ (¹AIS Clinics and Hospital, Bucharest, Romania , ²''Carol Davila'' University of Medicine and Pharmacy, Bucharest, Romania , ³''N Paulescu'' National Institute of Diabetes, Nutrition and Metabolic Diseases, Bucharest, Romania)

- T3P144 Nutrition Education Materials from Cardiac Short Stay Units are lacking Information to guide and motivate Weight Loss
Lucas da Silva Ferreira¹, Kimberly Miller², Raquel Braz Assunção Botelho¹, Eliane Said Dutra¹ (¹Department of Nutrition, Faculty of Health, University of Brasília, Brasília, Federal District, Brazil ,
²Faculty of Health Sciences, Simon Fraser University, Burnaby, British Columbia, Canada)
- T3P145 Nutritional deficiencies after sleeve gastrectomy
Sílvia Paredes¹, Marta Alves¹, Multidisciplinary Team for the Evaluation and Treatment of Obesity¹, Laura Ribeiro² (¹Hospital de Braga , ²Faculty of Medicine, University of Porto)
- T3P146 Nutritional deficiencies in the first year after sleeve gastrectomy
Vânia Gomes¹, Florbela Ferreira¹, Ana Gomes¹, David Barbosa¹, Maria João Bugalho¹ (¹Endocrinology,Diabetes and Metabolism Department,Hospital de Santa Maria, Lisbon, Portugal)
- T3P147 Obesity and diabetes type 2 in Republic of Macedonia - recent activities for improved management
Mome Spasovski¹, Gordana Ristovska², Igor Spiroski³, Ivan Pangovski⁴ (¹Institute for Social Medicine, Faculty of Medicine University Ss. Cyril and Methodius, Skopje, , ²Institute for Public Health,Republic of Macedonia , ³Institute for Public Health, Republic of Macedonia , ⁴Institute for Social Medicine,Faculty od Medicine University Ss. Cyril and Methodius, Skopje,)
- T3P148 Obesity and diabetes type 2 in Republic of Macedonia - recent activities for improved management
Mome Spasovski¹, Gordana Ristovska², Igor Spiroski³, Ivan Pangovski⁴ (¹Institute for Social Medicine, Faculty of Medicine University Ss. Cyril and Methodius, Skopje, , ²Institute of Public Health, Republic of Macedonia , ³Institute for Public Health, Republic of Macedonia , ⁴Institute for Social Medicine,Faculty od Medicine University Ss. Cyril and Methodius, Skopje,)
- T3P149 Outcome of hospitalized intensive clinical treatment of obesity and its evaluation after one year
Sérgio Braga¹, Vivian Leal², Dandara Reis², Jane Sholl², Laila Freitas² (¹Clinica da Obesidade , ²Clínica da Obesidade)
- T3P150 Pancreatic lipase inhibition: Dietary intervention and prevention of obesity and high fat diet induced metabolic complications
Priyanka Mangal¹, Pragyanshu Khare², Kamlesh Kumar Bhutani¹ (¹National Institute of Pharmaceutical Education and Research , ²National Agri-Food Biotechnology Institute)
- T3P151 Patients with high visceral adiposity index (VAI) show a larger improvement of insulin resistance after bariatric surgery
Johanna M Brix¹, Eva-Christina Krzizek¹, Hans-Peter Kopp¹, Bernhard Ludvik¹ (¹Rudolfstiftung Hospital; Department of Medicine I)
- T3P152 Patients' follow-up adherence after bariatric surgery
Pedro Souteiro¹, Jorge Pedro¹, Daniela Magalhães¹, João Sérgio Neves¹, Sofia Castro Oliveira¹, Sandra Belo¹, Vanessa Guerreiro¹, Rita Bettencourt-Silva¹, Maria Manuel Costa¹, Paula Freitas¹, Ana Varela¹, Joana Queirós¹, Davide Carvalho¹, AMTCO Group² (¹Department of Endocrinology, Diabetes and Metabolism, Centro Hospitalar São João, Porto, Portugal , ²Multidisciplinary Group for Surgical Management of Obesity, Centro Hospitalar São João, Porto, Portugal)
- T3P153 Pistachio intake modulates urinary gut microbiota-related metabolites in pre-diabetic subjects
Pablo Hernández-Alonso¹, Daniel Cañueto², Simona Giardina³, Jordi Salas-Salvadó¹, Nicolau Cañellas², Xavier Correig², Mònica Bulló¹ (¹Human Nutrition Unit-URV-IISPV, Reus, Spain; and CIBEROBN-ISCI, Madrid, Spain , ²Metabolomics Platform-URV-IISPV, Tarragona, Spain; and CIBERDEM-ISCI, Madrid, Spain , ³Human Nutrition Unit-URV-IISPV, Reus, Spain)

- T3P154
Profile of Greeks who seek dietitian's advice
NIKITIDIS IOANNIS¹ (¹Hellenic Open University)
- T3P155
Post bariatric surgery hypoglycaemia management: A case series
Sabari Anand Haridass¹, Manish Kushe¹, Vinod Joseph¹, Chinnadorai Rajeswaran¹ (¹The Midyorks NHS Hospitals Trust)
- T3P156
Postprandial GLP-1 secretion is inversely proportional to BMI
Hanna Blomster¹, Hampus Elofsson¹, Robert Gunnarsson¹, Hanna Ritzén¹, Maria Schwanbeck¹, Anders Lundequist¹, Daniel Öberg¹, Lisa Grufman¹ (¹Mercodia AB)
- T3P157
Predictive model of weight loss after RYGB with 60 months of follow-up: a useful tool to manage the post-operative outcomes.
Kevin SEYSSEL¹, Michel SUTER², François PATTOU³, Helene VERKINDT³, Emmanuel DISSE⁴, Maud ROBERT⁵, Luc TAPPY¹, Vittorio GIUSTI⁶ (¹Department of Physiology, Faculty of Biology and Medicine, University of Lausanne, Lausanne, Switzerland , ²Department of Surgery, Lausanne University Hospital, Lausanne, Switzerland / Department of Surgery, Hôpital Riviera-Chablais, Aigle-Monthey, Switzerland , ³Endocrine Surgery, INSERM 1190, European Genomic Institute for Diabetes, Lille University Hospital, Lille, France , ⁴Claude Bernard Lyon 1 University, Lyon, France; Department of Endocrinology Diabetology and Nutrition, Lyon Sud University Hospital, Hospices Civils de Lyon, Lyon, France / Fédération Hospitalo-Universitaire DO-IT, Centre Intégré et Spécialisé de L'Obésité , ⁵Fédération Hospitalo-Universitaire DO-IT, Centre Intégré et Spécialisé de L'Obésité de Lyon, Université Lyon 1, CRNH-RA, Hospices Civils de Lyon, Lyon, France / Department of Digestive Surgery, Center of Bariatric Surgery, Edouard Herriot Hospital, Hospic , ⁶Metabolic Center, Fribourg Hospital HFR, Fribourg, Switzerland)
- T3P158
Pregnancy after bariatric surgery: time to improve awareness!
Frigerio Francesco¹, Saibene Alesandro¹, Burini Alice¹, Marchi Monica¹, Vedani Paola¹, Socci Carlo¹, Gazzetta Paolo Giovanni¹, Bissolati Massimiliano¹, Paganelli Michele¹, Scavini Marina¹, Dozio Nicoletta¹ (¹San Raffaele Scientific Institute, Milan, Italy)
- T3P159
Prevalence of obesity comorbidities in 3468 consecutive obese and superobese patients: the role of the degree of obesity
Danila Capoccia¹, Federica Coccia², Moira Testa², Gloria Guarisco², Roberta Rendina², Frida Leonetti² (¹Sapienza University, Rome, Italy , ²Sapienza University)
- T3P160
Promoting satiation and satiety within a weight management programme improves appetite control and weight loss.
Nicola J. Buckland¹, Diana Camidge¹, Fiona Croden¹, Marion M. Hetherington¹, John E. Blundell¹, Graham Finlayson¹ (¹University of Leeds)
- T3P161
Proteomic and metabolomic manifestations of the different variants of apolipoprotein e genes polymorphism in obese patients
Tatyana Sentsova¹, Olga Chernyak², Ilya Vorozhko², Kamilla Gapparova², Yulya Chekhonina², Vasiliy Isakov², Sergey Morozov² (¹Institute Of Nutrition , ²Institute of Nutrition)
- T3P162
Psychometric predictors of drop out from a commercial weight management programme during a 12-month online compassion focused web-based intervention.
R.J. Stubbs¹, Stalker, C², Catarino, F², Duarte, C³, Basran J², Gilbert, P⁴, Morris L⁵, Horgan, G⁶ (¹Appetite Control and Energy Balance Research Group, School of Psychology, Faculty of Medicine and Health, University of Leeds LS2 9JT , ²College of Life and Natural Sciences, University of Derby, Derby, DE22, 1GB. , ³Cognitive and Behavioural Centre for Research and Intervention, University of Coimbra, Rua do Colégio Novo, Apartado 6153, 3001-802 Coimbra, Portugal. , ⁴College of Life and Natural Sciences, University of Derby, Derby, DE22, 1GB , ⁵Slimming World, Clover Nook Road, Somercotes, Alfreton, Derbyshire DE55 4RF. , ⁶Biomathematics and Statistics Scotland, Rowett Institute of Nutrition and Health, Foresterhill House, Aberdeen AB25 2ZD.)
- T3P163
QUALITY OF LIFE ASSESSMENT DETERMINED BY THE SF-36 BRAZIL INSTRUMENT AMONG TYPE 2 DIABETES PATIENTS ON INSULIN TREATMENT
Natália Carvalho Junqueira¹, Érica Carine Campos Caldas Rosa¹, Angélica Amorim Amato¹ (¹University of Brasilia)

- T3P164 Reduction in Diabetes Mellitus Pharmacological Treatment Burden After Bariatric Surgery
Catarina Roque¹, Ricardo Fonseca¹, Ricardo Capitão¹, Francisco Sousa Santos¹, João Sequeira Duarte¹, Manuela Oliveira¹, Carlos Vasconcelos¹ (¹Hospital de Egas Moniz C.H.L.O. E.P.E. Lisboa)
- T3P165 Relationship between Obesity Indices and Male Sex Hormone according to Age Groups
Jung Sik Huh¹, Yoo Jung Lee², Mi Hee Kong², Hyeon Ju Kim² (¹Department of Urology, Jeju National University & Hospital, Jeju, Korea , ²Department of Family Medicine, Jeju National University & Hospital, Jeju, Korea)
- T3P166 Relationship between pre pregnancy maternal Body Mass Index (BMI) with birth weight, and spontaneous Preterm Delivery.
Maryam Kashanian¹, Fatemeh Sharifzadeh¹, Sheyda Jouhari¹ (¹Iran University of Medical Sciences)
- T3P167 Response to GLP-1 receptor agonist treatment pre-bariatric surgery does not predict post-surgery weight loss in patients with Type 2 diabetes: a retrospective study
Tien F Tang¹, Sally Abbott², Rishi Singhal², Violet Wilson³, Srikanth Bellary⁴, Abd A Tahrani⁵ (¹Life and Health Sciences, Aston University, Birmingham, UK , ²Department of Bariatric and upper GI surgery, Heart of England NHS Foundation Trust, Birmingham, UK , ³Department of Diabetes and Endocrinology, Heart of England NHS Foundation Trust, Birmingham, UK , ⁴School of Life and Health Sciences, Aston University, Birmingham, UK , ⁵Institute of Metabolism and Systems Research, University of Birmingham, Birmingham, UK)
- T3P168 RYGB related decrease in bone mineral density
Snezana Polovina¹, Jelena Milin², Mirjana Sumarac Dumanovic¹, Dusan Micic³, Danica Stamenkovic PejkoVIC⁴, Dragan Micic⁴ (¹Clinic for Endocrinology, Diabetes and Diseases of Metabolism, Clinical Center of Serbia , ²Medical faculty University of Belgrade , ³Emergency Center, Clinical Center of Serbia , ⁴S/S)
- T3P169 Salivary amylase and food intake in obese adolescents submitted to high intensity intermittent exercise
Claudia de Carvalho Brunholi¹, Marjori Leiva Camparoto², Marcia Regina Pessoa Andrade², Paula Alves Monteiro¹, Jamile Sanches Codogno¹, Jefferson de Souza Dias¹, Ismael Forte Freitas Junior¹ (¹Universidade Estadual Paulista , ²Universidade do Oeste Paulista - UNOESTE)
- T3P170 “Schoolmistress, can I have a glass of water please?” Describing fluid intake of children at school
Clementine Morin¹, Jeanne Bottin¹, Isabelle Guelinckx¹ (¹Danone Research)
- T3P171 Self-reassurance and self-compassion mediate changes in binge eating symptomology over 3 months during a 12-month compassion-focused intervention in a commercial weight management programme
Duarte, C.¹, Stalker, C.², Catarino, F.², Basran J.², Gilbert, P.², Horgan, G.³, Morris, L.⁴, Stubbs, R. J.⁵ (¹Cognitive and Behavioural Centre for Research and Intervention, University of Coimbra, Rua do Colégio Novo, Apartado 6153, 3001-802 Coimbra, Portugal , ²College of Life and Natural Sciences, University of Derby, Derby, DE22, 1GB , ³Biomathematics and Statistics Scotland, Rowett Institute of Nutrition and Health, Foresterhill House, Aberdeen AB25 2ZD , ⁴Slimming World, Clover Nook Road, Somercotes, Alfreton, Derbyshire DE55 4RF , ⁵Appetite Control and Energy Balance Research Group, School of Psychology, University of Leeds LS2 9JT)
- T3P172 Serum IGF-II and IGF2R in diabetes and obesity: relation to weight, fasting glucose and weight loss intervention in an overweight, pre-diabetic NZ population.
Kate Lee¹, Marta P Silvestre², Anne Raben³, Mikael Fogelholm⁴, Sally D Poppitt² (¹University of Auckland , ²University of Auckland (PREVIEW consortium) , ³University of Copenhagen (PREVIEW consortium) , ⁴University of Helsinki (PREVIEW consortium))
- T3P173 Short-term changes in cardiovascular hemodynamics in response to bariatric surgery and weight loss using the Nexfin® non-invasive continuous monitoring device: A pilot study

Sjaak Pouwels¹, Bianca Lascaris², Simon Nienhuijs³, Arthur Bouwman², Marc Buise² (¹Franciscus Vlietland, Schiedam, the Netherlands , ²Department of Anaesthesiology, Intensive Care and Pain Medicine, Catharina Hospital, Eindhoven, The Netherlands , ³Department of Surgery, Catharina Hospital, Eindhoven, The Netherlands)

- T3P174 Short-term effects of Vildagliptin and Metformin on endothelial function, low-grade inflammation and oxidative stress on recently diagnosed medically-naïve T2DM obese women
Alessandra Schiappacassa¹, Luiz Guilherme Kraemer Aguiar¹, Priscila Alves Maranhão¹, Maria das Graças Coelho de Souza¹, Diogo Guarnieri Panazzolo¹, Eliete Bouskela¹ (¹Universidade Estadual do Rio de Janeiro)
- T3P175 Single-Incision Sleeve Gastrectomy versus Laparoscopic Sleeve Gastrectomy: A case-control study
Elias CHAHINE¹, Mohamad HAYEK¹, Antonio D'ALESSANDRO¹, Mazen DIRANI¹, Elie CHOUILLARD¹ (¹POISSY-SAINT-GERMAIN-EN-LAYE MEDICAL CENTER)
- T3P176 Six days of sleep restriction do not potentiate the metabolic effects of mixed sugar-fat overfeeding
Jérémy CROS¹, Robin ROSSET¹, Françoise CORNETTE², José HABA-RUBIO², Raphaël HEINZER², Bertrand POUYMAYOU³, Tania BUHLER³, Roland KREIS³, Chris BOESCH³, Philippe SCHNEITER¹, Luc TAPPY¹, Virgile LECOULTRE¹ (¹Department of Physiology, Faculty of Biology and Medicine, University of Lausanne, Lausanne, Switzerland , ²Center for Investigation and Research in Sleep, University Hospital, Faculty of Biology and Medicine, Lausanne, Switzerland , ³Department of Clinical Research and Department of Radiology, University of Bern, Bern, Switzerland)
- T3P177 Six months supervised physical training after Roux-en-Y-Gastric Bypass increases physical activity levels and health related quality of life
Charlotte Røn Stolberg¹, Lene Hymøller Mundbjerg², Else Bladbjerg³, Claus Bogh Juhl⁴, Bibi Gram⁵ (¹Department of Medicine/Endocrinology, Hospital of Southwest Jutland and . Institute of Regional Health Research, University of Southern Denmark/Hospital of Southwest Jutland , ²: Department of Medicine/Endocrinology, Hospital of Southwest Jutland and OPEN, Odense Patient data Explorative Network, Odense University Hospital, Odense, Denmark , ³Unit for Thrombosis Research, Department of Public Health, University of Southern Denmark/Department of Clinical Biochemistry, Hospital of Southwest Jutland , ⁴Department of Medicine/Endocrinology, Hospital of Southwest Jutland , ⁵Institute of Regional Health Research, University of Southern Denmark/Hospital of Southwest Jutland)
- T3P178 Skeletal Effects of Roux-en-Y Gastric Bypass in Obese Type 2 Diabetes Patients Measured by DXA and HR-pQCT.
R Espersen¹, L Ring Madsen², M Juul Ørnstrup³, B Lomholt Langdahl³, B Richelsen³ (¹Department of Endocrinology and Internal Medicine, Aarhus University Hospital, Denmark; Department of Clinical Medicine, Aarhus University, Denmark , ²Department of Endocrinology and Internal Medicine, Aarhus University Hospital, Denmark; Department of Clinical Medicine, Aarhus University, Denmark; Danish Diabetes Academy, Odense University Hospital, Denmark , ³Department of Endocrinology and Internal Medicine, Aarhus University Hospital, Denmark)
- T3P179 Skeletal Effects of Roux-en-Y Gastric Bypass in Obese Type 2 Diabetes Patients Measured by DXA and HR-pQCT.
R Espersen¹, L Ring Madsen², M Juul Ørnstrup³, B Lomholt Langdahl³, B Richelsen³ (¹Department of Endocrinology and Internal Medicine, Aarhus University Hospital, Denmark; Department of Clinical Medicine, Aarhus University, Denmark , ²Department of Endocrinology and Internal Medicine, Aarhus University Hospital, Denmark; Department of Clinical Medicine, Aarhus University, Denmark; Danish Diabetes Academy, Odense University Hospital, Denmark , ³Department of Endocrinology and Internal Medicine, Aarhus University Hospital, Denmark)
- T3P180 STEP-ing up smoking cessation: weight-related concern of participants who want to quit smoking
Allana LeBlanc¹, Robert Reid¹, Amy Mark², Heather Tulloch¹, Debbie Aitken¹, Kerri-Anne Mullen¹, Andre Pipe¹ (¹University of Ottawa Heart Institute , ²Institute for Clinical Evaluative Sciences)
- T3P181 Supervised physical training following gastric bypass surgery improves long-term weight loss

L.H. Mundbjerg¹, C.R. Stolberg², E. Bladbjerg³, B. Gram⁴, C.B. Juhl¹ (¹Department of Medicine/Endocrinology, Hospital of Southwest Jutland , ²OPEN, Odense Patient data Explorative Network, Odense University Hospital, Odense, Denmark , ³Unit for Thrombosis Research, Department of Public Health, University of Southern Denmark/Department of Clinical Biochemistry, Hospital of Southwest Jutland , ⁴Institute of Regional Health Research, University of Southern Denmark/Hospital of Southwest Jutland)

- T3P182 Systematic review and meta-analysis of outcomes after revisional bariatric surgery following a failed adjustable gastric band
Alistair Sharples¹, Vasileios Charalampakis¹, Markos Daskalakis¹, Rishi Singhal¹, Abd A Tahrani¹ (¹Heart of England NHS Foundation Trust)
- T3P183 Tackling obesity in areas of high social deprivation: Randomised controlled trial of a task-based weight management group programme
Hayden McRobbie¹, Peter Hajek¹, Sarrah Peerbux¹, Brennan Kahan², Dominic Trépel³, Steve Parrott³, Chris Griffiths⁴, Sarah Snuggs¹, Katie Myers Smith¹, Sandra Eldridge² (¹Health and Lifestyle Research Unit, Wolfson Institute of Preventive Medicine, Queen Mary University of London , ²Pragmatic Clinical Trials Unit, Queen Mary University of London , ³Department of Health Sciences, The University of York , ⁴Centre for Primary Care and Public Health, Blizard Institute, Queen Mary University of London)
- T3P184 “Teacher, can I have a glass of water please?” Describing fluid intake of adolescents at school
Clementine Morin¹, Jeanne Bottin¹, Isabelle Guelinckx¹ (¹Danone Research)
- T3P185 The comparative effects of intermittent versus continuous energy restriction on postprandial glucose and lipid metabolism following 5% weight-loss
Rona Antoni¹, Kelly L Johnston², Adam L Collins¹, M. Denise Robertson¹ (¹Faculty of Health and Medical Sciences, University of Surrey , ²LighterLife UK Ltd)
- T3P186 The effect of a Physical Activity consultation on the BMI of overweight adolescents. Results from a pediatric outpatient obesity clinic.
António Videira Silva¹, Helena Fonseca² (¹Lisbon Academic Medical Centre , ²Department of Pediatrics, Hospital de Santa Maria, Lisbon)
- T3P187 The effect of green tea extract supplementation on weight changes, serum malondialdehyde and blood iron indices in pulmonary TB patients: a randomized controlled trial
Shahryar Eghtesadi¹, Mohammad Reza Honarvar², Pooria Gill³, Shima Jazayeri⁴, Mohammad Ali Vakili⁵, Mohammad Reza Shamsardekani⁶, Abdollah Abbasi⁷ (¹Iran University of Medical Sciences,School of Public Health Tehran, Iran; Azad University, Science and Research Branch,School of Medical Sciences,Tehran, Iran , ²Iran University of Medical Sciences , School of Public Health, Tehran, Iran: Golestan University of Medical Sciences,Health Bureau,Gorgan,Iran , ³Departments of PhysioPharmacology&NanoBioMedicine ,Research Center for Immunogenetics, Faculty of Medicine, Mazandaran University of Medical Sciences ,Sari, Iran. , ⁴Research Center for Prevention of Cardiovascular Disease;Department of Nutrition, School of Public Health, Iran University of Medical Sciences, Tehran, Iran. , ⁵Health Management and Social Development Research Center,Department of Health ,Golestan, Iran. , ⁶Department of Pharmacognosy, Faculty of Pharmacy and Medicinal Plants Research Center , Tehran University of Medical Sciences , Tehran , Iran. , ⁷Department of Infection, Faculty of Medicine, Golestan University of Medical Sciences, Gorgan, Iran.)
- T3P188 The effects of sprint interval exercise training on hepatic and peripheral insulin sensitivity (IS), as well as intrahepatic triglyceride (IHTG), in men with nonalcoholic fatty liver disease (NAFLD).
Jack A Sargeant¹, Stephen Bawden², Elizabeth J Simpson², Penny Gowland², James L Dorling¹, Myra Nimmo³, Ian Macdonald², Guruprasad P Aithal², James A King¹ (¹Loughborough University, UK , ²University of Nottingham, UK , ³University of Birmingham, UK)
- T3P189 The FAT score, a Fibrosis score of Adipose Tissue: predicting weight loss outcome after gastric bypass
Pierre Bel Lassen¹, Frederic Charlotte², Yuejun Liu¹, Pierre Bedossa³, Gilles Le Naour², Joan Tordjman¹, Christine Poitou¹, Jean-Luc Bouillot⁴, Laurent Genser¹, Jean-Daniel Zucker¹, Nataliya Sokolovska¹, Judith Aron-Wisniewsky¹, Karine Clement¹ (¹Institute of Cardiometabolism and Nutrition, ICAN, F-75013, Paris, France, INSERM UMRS 1166 Team 6 Nutriomics , ²AP-HP, Pitie Salpetriere Hospital, Department of Pathology, UIMAP, UPMC Universite Paris 06, Paris, F-75013 France , ³AP-HP, Pitie-Salpetriere Hospital, Department of Pathology, UIMAP, UPMC Universite Paris 06, Paris, F-75013 France; , ⁴AP-HP, Department of General, Digestive and Metabolic Surgery, Ambroise Pare University Hospital,Versailles Saint-Quentin University, F-92100, Boulogne, France)

- T3P190 “The Healthy Lifestyle Pyramid - an innovative relief board used in obesity prevention among pupils with visual impairment”
Magdalena Wrzesińska¹, Gaby Ortiz Barreda², Roald Martijn Pijpker³, Karolina H. Czarnecka⁴ (¹Department of Psychosocial Rehabilitation, Medical University of Lodz, Poland , ²Department of Health Promotion and Development, University of Bergen, Norway , ³Department of Social Science, Health and Society, Wageningen University and Research, Wageningen, The Netherlands , ⁴Department of Molecular Bases of Medicine I Chair of Internal Medicine, Medical University of Lodz, Poland)
- T3P191 The impact of a complication-centric approach on the evaluation of obese patients.
Balsa AM¹, Alves M¹, Azevedo T¹, Dantas R¹, Guimarães J¹ (¹Centro Hospitalar Baixo Vouga)
- T3P192 The impact of an mHealth-supported lifestyle intervention on dietary and physical activity outcomes among overweight and obese pregnant women: A randomised controlled trial.
Kate M. Ainscough¹, Maria A. Kennelly¹, Karen L. Lindsay¹, Elizabeth J. O’Sullivan¹, Eileen R. Gibney², Fionnuala M. McAuliffe¹ (¹UCD Perinatal Research Centre, Obstetrics & Gynaecology, School of Medicine, University College Dublin, National Maternity Hospital, Dublin, Ireland , ²UCD Institute of Food and Health, School of Agriculture and Food Science, University College Dublin, Ireland)
- T3P193 The impact of Body Mass Index on pregnancy outcome and glucose control in women with In Vitro Fertilization Pregnancies complicated by Gestational Diabetes Mellitus
Petros Thomakos¹, Olga kepaptsoglou¹, Ibrahim Taraoune¹, Carol Baretto¹, Asteris Korantzis², George Panotopoulos¹, Christos Sp. Zoupas¹ (¹Diabetes Center, Hygeia General Hospital , ²Iaso Maternity Hospital)
- T3P194 The impact of overweight and obesity on the motor and secretory activity of the upper gastrointestinal tract
Tikhonov Sergey¹, Simanenkov Vladimir¹, Lishuk Nadejda¹ (¹North-western State Medical University named after I.I.Mechnikov)
- T3P195 THE INFLUENCE OF NUTRITION AND PHYSICAL ACTIVITY ON GLYCEMIC CONTROL IN PATIENTS WITH DIABETES IN BOSNIA AND HERCEGOWINA-REPUBLIC OF SRPSKA
Snjezana Popović-Pejičić¹, Anja Jankovic-Pejjic² (¹Medical faculty,University of Banjaluka Bosnia&Hercegowina , ²School of dentistry, Medical University of Vienna)
- T3P196 The Long-Term Metabolic Outcomes of Weight Loss In Patients With Type 2 Diabetes: A Longitudinal Analysis following Laparoscopic Adjustable Gastric Banding combined with medical care
Pritesh Mistry¹, Victoria Currie¹, Paul Super¹, Carel le Roux², Rishi Singhal¹, Abd A Tahrani³ (¹Upper GI Unit and Minimally Invasive Unit, Heart of England NHS Foundation Trust, Birmingham, UK , ²Department of Pathology, University College Dublin, Dublin, Ireland , ³Institute of Metabolism and Systems Research, University of Birmingham, Birmingham, UK, Department of Diabetes and Endocrinology, Heart of England NHS Foundation Trust, Birmingham, UK, Centre of Endocrinology Diabetes and Metabolism, Birmingham Health Par)
- T3P197 The power of football: A socio-psychological approach to promoting behaviour change in overweight and sedentary men in the European Fans in Training project
Marlene N Silva¹, Pedro J Teixeira¹, Cindy M Gray², Kate Hunt², Chris Bunn², Glyn Roberts³, Sally Wyke², on behalf of the EuroFIT Consortium⁴ (¹Faculty of Human Kinetics, University of Lisbon , ²University of Glasgow , ³Norwegian School of Sport Sciences , ⁴(FP7 grant 602170))
- T3P198 The relation of urine phthalate metabolite is specific for type2 diabetes and is not mediated by BMI and related metabolic diseases.
Stepan Svacina¹, Dagmar Matejkova², Dana Mullerova³, Karel Vrbik⁴, Jana Pavlouškova⁴, Roman Piecha¹, Marek Maly⁴ (¹Charles University, 1st Medical faculty, 3rd Medical Department , ²Hospital Mariánské Lázně, Czech Republic , ³Faculty Hospital Pilsen, Czech Republic , ⁴State Health Insitute, Czech Republic)
- T3P199 The role of different markers of insulin resistance in detecting adverse cardiometabolic profile in obese individuals

Djordje S. Popovic¹, Edita Stokic¹, Dragana Tomic-Naglic¹, Milena Mitrovic¹, Tijana Icin¹, Bojan Vukovic¹ (¹Clinic for Endocrinology, Diabetes and Metabolic Disorders, Clinical Center of Vojvodina, Medical Faculty, University of Novi Sad)

- T3P200 The role of genetic factors in predicting the results of obesity treatment with sibutramine
Galieva Marina¹, Troshina Ekaterina², Volynkina Anna³, Artyushin Andrey⁴, Pavlova Anastasiya⁴, Komshilova Kseniya², Logvinova Oksana² (¹Endocrinology Research Centre, Moscow, Russia , ²Endocrinology Research Centre, Moscow, Russian Federation , ³Voronezh State Medical University, Voronezh, Russia , ⁴Laboratory of Genetic Engineering Systems LAGIS, Moscow, Russia)
- T3P201 The role of melatonin and sleep disturbances in the pathogenesis of metabolic disorders in polycystic ovary syndrome
Yulia Absatarova¹, Elena Andreeva¹ (¹Endocrinology Research Centre)
- T3P202 The role of sleeve gastrectomy in the evolution of nonalcoholic fatty liver disease and metabolic parameters
Elisabeta Sava¹, Anca Sirbu¹, Sorina Martin¹, Bianca Leca¹, Tudor Arbanas², Catalin Copaescu³, Simona Fica¹ (¹Endocrinology Department, Elias University Hospital, Carol Davila University of Medicine and Pharmacy, Bucharest, Romania , ²Clinic of Gastroenterology, Hepatology and Digestive Endoscopy, Elias Emergency University Hospital, Bucharest, Romania , ³Ponderas Hospital, Bucharest, Romania.)
- T3P203 The use of meal replacements for weight loss: a systematic review and meta-analysis
Nerys M Astbury¹, Carmen Piernas-Sanchez¹, Jamie Hartmann-Boyce¹, Sophie Lapworth¹, Nia Roberts¹, Susan Jebb¹ (¹University of Oxford)
- T3P204 The Visceral Adiposity Index (VAI): a useful selection criteria for bariatric surgery
Johanna M Brix¹, Eva-Christina Krzizek¹, Hans-Peter Kopp¹, Bernhard Ludvik¹ (¹Rudolfstiftung Hospital; Department of Medicine I)
- T3P205 Time to glycemic control -- an observational study of 3 different operations
Sjaak Pouwels¹, Alper Celik², Fatih Can Karaca², Eylem Çağiltay³, Surendra Ugale⁴, İlker Etikan⁵, Deniz Büyükbozkırlı², Yunus Emre Kılıç² (¹Franciscus Vlietland, Schiedam, The Netherlands , ²Metabolic Surgery Clinic, Sisli, Istanbul, TURKEY , ³Dept. of Endocrinology, GATA Haydarpaşa Training & Research Hospital, Istanbul, TURKEY , ⁴Kirloskar Hospital, Bariatric & Metabolic Surgery Clinic, Hyderabad, INDIA , ⁵Near East University Faculty of Medicine Department of Biostatistics)
- T3P206 Transforming Growth Factor- β in cardiovascular prognosis in patients with obesity and diabetes mellitus type 2
Shvangiradze Teona¹, Bondarenko Irina¹, Troshina Ekaterina¹, Shestakova Marina¹, Ilin Aleksandr¹, Nikankina Larisa¹ (¹Endocrinology Research Centre)
- T3P207 Transverse vs vertical approach in abdominal surgical contouring after massive weight loss: which is the procedure with the best aesthetic outcome?
Andrea Reho¹ (¹Gruppo Ospedaliero San Donato Milano)
- T3P208 Treatment of Obesity Using Behavioral Addiction Methods: a Pilot Study
Robert Pretlow¹ (¹eHealth International)
- T3P209 Triglyceride–glucose index (TyG index) as an indicator of cardiometabolic risk in overweight man apparently healthy
Ana Paula Silva Caldas¹, Raquel Duarte Moreira Alves², Josefina Bressan¹ (¹Universidade Federal de Viçosa , ²UNIVIÇOSA)
- T3P210 Understanding features associated with weight loss in an online weight management community

Alline M Beleigoli¹, Gisele Pappa¹, Tiago Cunha¹, Paulo Bicalho¹, Ana Paula Couto Silva¹, Wagner Meira Jr¹, Antonio L Ribeiro¹ (¹Federal University of Minas Gerais, Brazil)

- T3P211 USE OF ULTRASONOGRAPHY AS A DIAGNOSTIC METHOD OF THE DIFFERENT ABDOMEN FAT LAYERS AND ITS PROGNOSTIC IMPLICATION WITH OBESITY-RELATED METABOLIC SYNDROME
Guillem Cuatrecasas¹, Francisco De Cabo², Ioana Patrascioiu¹, Gloria Aranda¹, Maria J. Coves¹, Gerardo Aguilar¹, Marta Calbo³, Sonia March³, Clara Bretxa³, Gabriel Cuatrecasas¹ (¹Dpt. Endocrinology, Clinica Sagrada Familia, Barcelona , ²Ecografía. CPEN S.L. Dpt. Endocrinology, Clinica Sagrada Familia, Barcelona , ³Dietitian. CPEN S.L. Dpt. Endocrinology, Clinica Sagrada Familia, Barcelona)
- T3P212 Validation of the Nexfin® non-invasive continuous blood pressure monitoring validated against Riva-Rocci/Korotkoff in a bariatric patient population
Sjaak Pouwels¹, Bianca Lascaris², Simon Nienhuijs³, Arthur Bouwman², Marc Buise² (¹Franciscus Vlietland, Schiedam, The Netherlands , ²Department of Anaesthesiology, Intensive Care and Pain Medicine, Catharina Hospital, Eindhoven, The Netherlands , ³Department of Surgery, Catharina Hospital, Eindhoven, The Netherlands)
- T3P213 Vitamin B12, iron and folate deficits after bariatric surgery: Results from a 10-year prospective, real-world study
Lukas Lunger¹, Andreas Melmer¹, Josef Fritz¹, Alexander Tschoner¹, Julia Engl¹, Heinz Wykypiel¹, Philipp Gehwolf¹, Dietmar Öfner-Velano¹, Markus Laimer², Herbert Tilg¹, Christoph Ebenbichler¹ (¹Medical University of Innsbruck , ²University Clinic Bern)
- T3P214 Vitamin D after three types of bariatric surgery with long term follow up
Ricardo Capitão¹, Francisco Santos², Catarina Barreiros², Cátia Ferrinho², Catarina Saraiva², Cristina Tomás², Rute Ferreira², Jorge Azinheira², João Sequeira Duarte², Carlos Vasconcelos² (¹CHLO - Hospital Egas Moniz , ²Hospital Egas Moniz, CHLO, E.P.E.)
- T3P215 Vitamin D levels after a Gastric bypass: should we be concerned?
Alison Karina de Jesus¹ (¹Faculty of Nutrition and Food Sciences of the University of Porto)
- T3P216 Weight Loss Prior to Bariatric Surgery Does Not Predict Greater Long-Term Post-Operative Weight Loss: a Longitudinal Analysis
Sally Abbott¹, Tien Tang Fong², Laura Bell¹, Rishi Singhal¹, Abd A Tahrani³ (¹Birmingham Heartlands Hospital, UK , ²Aston University, UK , ³University of Birmingham, UK)
- T3P217 Weight loss, reflux and reoperations: Our first 100Weight loss, reoperations and reflux – 10 years of lap. Sleeve gastrectomy. Our first 100 patients. patients treated with lap. Sleeve Gastrectomy
Daniel Moritz Felsenreich¹, Felix Langer¹, Peter Panhofer¹, Ronald Kefurt¹, Ivan Kristo¹, Christoph Sperker², Martin Schermann², Philipp Beckerhinn³, Michael Krebs⁴, Gerhard Prager¹ (¹University Clinic for Surgery, Vienna Medical University, Austria , ²Vienna Rudolfstiftung Hospital, Department for Surgery, Austria , ³Klosterneuburg Hospital, Department for Surgery, Austria , ⁴University Clinic for Internal Medicine Vienna Medical University, Austria)
- T3P218 Weight Regain After Vertical Gastric Plication: Sleeve Gastrectomy or Roux en Y Gastric Bypass as a Salvage Procedure? Analysis of the first 100 consecutives.
Elias CHAHINE¹, Mohamad HAYEK¹, Mazen DIRANI¹, Antonio D’ALESSANDRO¹, Elie CHOUILLARD¹ (¹POISSY-SAINT-GERMAIN-EN-LAYE MEDICAL CENTER)
- T3P219 What do resident physicians know about nutrition?
Claudia Matta Coelho¹, Selma Souto¹ (¹Hospital de Braga)
- T3P220 When stigma weighs you down. Weight-related discrimination and desired body weight.

Franziska Jung¹, Jenny Spahlholz², Anja Hilbert¹, Steffi G. Riedel-Heller², Claudia Luck-Sikorski³ (¹Integrated Research and Treatment Center AdiposityDiseases (IFB), University of Leipzig, Leipzig, Germany , ²Institute of Social Medicine, Occupational Health and Public Health (ISAP), University of Leipzig, Germany , ³University of Applied Sciences SRH Gera, Gera, Germany)

- T3P221 Who is at risk of suboptimal weight loss after bariatric surgery? Identifying variables in a post-operative sample.
Marjolein Geerts¹, Elske van den Berg¹, Jack Dekker², Anneke Goudriaan², Jaap Peen², Laura van Riel¹ (¹Novarum , ²Arkin)
- T3P222 Will there be a difference between weight loss among individuals with grade III obesity and superobesity undergoing the same intensive hospital treatment?
Sérgio Braga¹, Vivian Leal¹, Dandara Reis¹, Jane Sholl¹, Laila Freitas¹ (¹Clínica da Obesidade)
- T3P223 Yogurt consumption, body weight and metabolic profile in youth with a familial predisposition to obesity
Shirin Panahi¹, Annette Gallant¹, Angelo Tremblay¹, Louis Pérusse¹, Jean-Pierre Després¹, Claude Bouchard², Vicky Drapeau¹ (¹Université Laval , ²Pennington Biomedical Research Center)
- LB3 P224 Effect of three methods of bariatric surgery on postprandial plasma glucose and lipid levels in obese diabetic women- 4 year follow-up
Kunesova Marie¹, Kalouskova Pavla¹, Hlavaty Petr¹, Lischkeova O.¹, Sedlackova B¹, Sramkova P.², Dolezalova K², Hill M¹, Vrbikova J¹, Fried M², Hainer V.¹ (¹Institute of Endocrinology, Prague, CR , ²OB Clinic, Prague CR)
- LB3 P225 Normal weight obesity and cardio-metabolic risk:A 7 year longitudinal study in girls from pre-puberty to early adulthood
Petri Wiklund¹, Timo Törmäkangas¹, Yi Shi², Na Wu¹, Aki Vainionpää³, Markku Alen³, Sulin Cheng¹ (¹Exercise, Health and Technology Center, Shanghai Jiao Tong University, Shanghai, China , ²Center for Systems Biomedicine, Shanghai Jiao Tong University, China , ³Department of Medical Rehabilitation, Oulu University Hospital, Oulu, Finland)
- LB3 P226 Dietary Difference in the Source of Fructose of Chinese (C) and Non-Chinese (NC) Patients Suffering from Non-alcoholic Fatty Liver Disease (NAFLD) Living in Toronto Canada.
Kwok Cheung P Poon¹ (¹Dr. Poon's Metabolic Clinic)
- LB3 P227 The evaluation of body-mass index and weight loss in CRC patients
Emine YASSIBAŞ¹, Gizem ÖZATA-UYAR¹, Nevin ŞANLIER¹, Gülhan SAMUR²¹ (¹Gazi University, Department of Nutrition and Dietetics 2Hacettepe University, Department of Nutrition and Dietetics)
- LB3 P228 Vitamin D status of individuals with and without polycystic ovary syndrome
Busra Totan¹, Hilal Yildiran², Hande Mortas² (¹DiyetLAB Nutrition Education and Counseling Center, Ankara, Turkey , ²Gazi University)
- LB3 P229 CORRELATION BETWEEN NECK CIRCUMFERENCE AND METABOLIC SYNDROME RISK FACTORS IN OBESE ADULTS WOMEN.
João Pedro Novo Fidalgo¹, Amanda dos Santos Moraes¹, Leticia Andrade Cerrone¹, Maythe Amaral Nascimento¹, Paula Bresciani¹, Ricardo Badan Sanches¹, Stephan Garcia Andrade-Silva¹, Vanessa Schoenardie Poli¹, Danielle Arisa Caranti¹ (¹Federal University of São Paulo)
- LB3 P230 Exercise training could reduce inflammatory activity of visceral fat in overweight women
Sungeun Kim¹, Seo Hong seok², Sungsoo Park³, Sung Hoo Lee⁴ (¹Department of Nuclear Medicine, Korea University Anam Hospital , ²Cardiovascular center, Korea University guro hospital , ³Department of Genral Surgery,Korea University anam hospital , ⁴Department of Cardiothoracic surgery, Korea University anam hospital)

- LB3 P231 Weight loss maintenance with DPP4 inhibitor sitagliptin in combination with metformin after liraglutide induced weight loss
Jensterle M¹, Ferjan S¹, Janez A¹ (¹University Medical Center Ljubljana)
- LB3 P232 A review of the first two phases of an intense weight reduction program in the United States
Jessica W. Barnes¹, Krista M. Curry¹, Maria Lee¹, Gerald C. Dembrowski¹ (¹20Lighter Program)
- LB3 P233 Single and Multiple Dose Evaluation of a Novel MetAP2 Inhibitor: Results of a Randomized, Double-Blind, Placebo-Controlled Clinical Trial
Jaret Malloy¹, Dongliang Zhuang¹, Terri Kim¹, Dennis Kim¹, Kristin Taylor¹ (¹Zafgen, Inc)
- LB3 P234 Short-term administration of a novel hydrogel (Gelesis200) increases fullness and satiety in subjects who are overweight or have obesity: first-in-human STAGE study
Lorien E. Urban¹, Denis Audet², Eyal S. Ron¹, Alessandro Sannino¹, Yishai Zohar¹, Hassan M. Heshmati¹ (¹Gelesis , ²InVentiv Health Clinique)
- LB3 P235 Satiety, weight loss, and glycemic control-enhancing properties vary between functional fibers, mixed vegetables, and a novel hydrogel (Gelesis200)
Christian Demitri¹, Yishai Zohar¹, Hassan M. Heshmati¹, Lorien E. Urban¹, William G. Aschenbach¹, Alessandro Sannino¹ (¹Gelesis)
- LB3 P236 Evaluation of the relationship between eating disorder tendencies and BMI in young female adults
Melahat Sedanur Macit¹, Tuğba Tatar¹, Hande Mortaş¹, Semra Navruz Varlı¹, Nevin Şanlıer¹ (¹Gazi University)
- LB3 P237 The relationship between obesity and iron deficiency anemia in premenopausal women
Burcu GOKALP AKGUN¹, Saniye BILICI¹ (¹Gazi University)
- LB3 P238 Association of frailty, sarcopenia and number of chronic diseases with obesity using WHO and Lipschitz classification. The Nutrition UP 65 study.
Cláudia Afonso¹, Ana S. Sousa¹, Rita S. Guerra¹, Luísa Álvares¹, Rui Valdiviesso¹, Alejandro Santos¹, Nuno Borges¹, Patrícia Padrão¹, Pedro Moreira¹, Cátia Martins², Graça Ferro³, Teresa F. Amaral¹ (¹Faculdade de Ciências da Nutrição e Alimentação da Universidade do Porto , ²NTNU - Norwegian University of Science and Technology , ³Serviço de Nutrição e Alimentação da Unidade Local de Saúde do Alto Minho)
- LB3 P239 Obesity: prevalence and associated factors in Portuguese older adults. Results from Nutrition UP 65 study
Cláudia Afonso¹, Rita S. Guerra¹, Ana S. Sousa¹, Luísa Álvares¹, Rui Valdiviesso¹, Patrícia Padrão¹, Pedro Moreira¹, Alejandro Santos¹, Nuno Borges¹, Graça Ferro², Cátia Martins³, Teresa F. Amaral¹ (¹Faculdade de Ciências da Nutrição e Alimentação da Universidade do Porto , ²Serviço de Nutrição e Alimentação da Unidade Local de Saúde do Alto Minho, E.P.E, Portugal , ³NTNU - Norwegian University of Science and Technology)
- LB3 P240 An instrument to measure consumer satisfaction from food services
Saniye Bilici¹, Betül Kocaadam¹, Hande Mortaş¹, Eda Köksal¹ (¹Gazi University)

09:00

T4: Childhood Obesity
Poster Session
May 19, 2017

- T4P1 A possible effect of bedroom temperature on BMI in school children and students

Renata Bednaříková¹, Gregory S. Wimer², Tomáš Ditrich¹ (¹Dept. of Biology, Faculty of Education, University of South Bohemia, Czech Republic , ²Dept. of Secondary, Adult, & Physical Education, Armstrong State University, GA, USA)

- T4P2 Active versus inactive parents and their influence on children involved in a school intervention program to promote physical activity.
Maria João Lagoa¹, Gustavo Silva², Michael Duncan³, Jorge Mota⁴, Luísa Aires¹ (¹Research Centre in Physical Activity, Health and Leisure (CIAFEL) Faculty of Sports – University of Porto. University Institute of Maia (ISMAI), Portugal , ²Research Centre in Physical Activity, Health and Leisure (CIAFEL) Faculty of Sports – University of Porto. Centre of Research on Sports, Health and Development (CIDESD) University Institute of Maia (ISMAI), Portugal , ³School of Life Sciences, Coventry University, Coventry, UK , ⁴Research Centre in Physical Activity, Health and Leisure (CIAFEL) Faculty of Sports – University of Porto.)
- T4P3 Adiposity changes throughout adolescence and high-sensitivity C-reactive protein levels in young adulthood
Maria Cabral¹, Joana Araújo¹, Elisabete Ramos¹ (¹EPIUnit - Institute of Public Health - University of Porto (ISPUP))
- T4P4 ADIPOSITY IN ADOLESCENTS AND ITS ASSOCIATION WITH CARDIOVASCULAR RISK FACTORS
Fernanda de Carvalho Silva Vargas¹, Vivian Siqueira Santos Gonçalves¹, Eliane Said Dutra¹, Nathalia Marcolini Peluzio Pizato¹, Kênia Mara Baiocchi de Carvalho¹ (¹University of Brasilia, Brazil)
- T4P5 Agreement between parent and child report of physical activity, sedentary behaviors and meal patterns in 8-12 year old children and associations with children's weight status
Maaïke Koning¹ (¹Windesheim University of Applied Sciences)
- T4P6 Agreement between parent and child report of physical activity, sedentary behaviors and meal patterns in 8-12 year old children and associations with children's weight status
Maaïke Koning¹, Astrid de Jong², Elske de Jong¹, Tommy LS Visscher¹, Jacob C Seidell², Carry M Renders² (¹Windesheim University of Applied Sciences, Zwolle, the Netherlands , ²Department of Health Sciences, Vrije Universiteit, Amsterdam, the Netherlands)
- T4P7 An innovative family and home-based intervention for the prevention and management of pediatric obesity: the PROXOB program
Miolanne Magalie¹, Rigal Amélie¹, Dablanc Margaux¹, Desblés Chloé¹, Fillon Alicia¹, De l'Éprevier Elisabeth¹, Jeannot Christelle¹, Berland Pauline², Blanquet Marie², Masurier Julie³, Thivel David⁴, Boirie Yves⁵ (¹Service de Nutrition Clinique, CSO CALORIS, CHU Clermont-Ferrand, France , ²Service de Santé Publique, CHU Clermont-Ferrand, France , ³SSR Nutrition Obésité UGCAM, Clermont-Ferrand, France , ⁴AME2P, Université Clermont Auvergne, France , ⁵Service de Nutrition Clinique, CSO CALORIS, CHU Clermont-Ferrand, France & Unité de Nutrition Humaine, UMR1019, CRNH, Clermont-Ferrand. France)
- T4P8 Association between gene polymorphisms and obesity and physical fitness in Korean children
Sang Yeoup Lee¹, Hyun Jun Kim² (¹Pusan National University Yangsan Hospital , ²Department of Physical Education, Kyungnam University College of Education)
- T4P9 Association between Hair Cortisol Concentration and Adiposity Measures among Children and Parents from the "Healthy Start" Study
Sofus C. Larsen¹, Jan Fahrenkrug², Nanna J. Olsen¹, Berit L. Heitmann¹ (¹Research Unit for Dietary Studies at The Parker Institute, The Capital Region, Copenhagen, Denmark , ²Department of Clinical Biochemistry, Faculty of Health Sciences, Bispebjerg Hospital, DK-2400, Copenhagen NV, Denmark)
- T4P10 Association of parental obesity with cardiometabolic risk factors in their children: The CASPIAN-V study

Hanieh-Sadat Ejtahed¹, Ramin Heshmat², Mostafa Qorbani³, Shirin Hasani-Ranjbar¹, Mohammad Esmaeil Motlagh⁴, Hasan Ziaodini⁵, Bagher Larijani⁶, Roya Kelishadi⁷ (¹Obesity and Eating Habits Research Center, Endocrinology and Metabolism Molecular -Cellular Sciences Institute, Tehran University of Medical Sciences, Tehran, Iran. , ²Chronic Diseases Research Center, Endocrinology and Metabolism Population Sciences Institute, Tehran University of Medical Sciences, Tehran, Iran. , ³Department of Community Medicine, Alborz University of Medical Sciences, Karaj, Iran. , ⁴Department of Pediatrics, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran. , ⁵Institute of Education and training, Tehran, Iran. , ⁶Endocrinology and Metabolism Research Center, Endocrinology and Metabolism Clinical Sciences Institute, Tehran University of Medical Sciences, Tehran, Iran. , ⁷Pediatrics Department, Child Growth and Development Research Center, Research Institute for Primordial Prevention of Non-communicable Disease, Isfahan University of Medical Sciences, Isfahan, Iran.)

- T4P11 Associations Between Physical Activity, Sedentary Behavior, and Indicators of Metabolic Strain in Children and Adolescents with Obesity
Claudia Vodstrup Sørensen¹, Tenna Ruest Haarmark Nielsen¹, Theresia Maria Schnurr², Bianca Bech², Jens-Christian Holm¹ (¹The Children's Obesity Clinic, Department of Pediatrics, Copenhagen University Hospital Holbæk, Denmark , ²The Novo Nordisk Foundation Center for Basic Metabolic Research, Section of Metabolic Genetics, University of Copenhagen, Denmark)
- T4P12 Birth weight, parents' Body Mass Index and education level and nutritional status in a population between 6 and 18 years old
Bruno Sousa¹, Catarina Pinto², Bruno Oliveira², Maria Daniel Vaz de Almeida² (¹School of Sciences and Health Technologies, Universidade Lusófona de Humanidades e Tecnologias , ²Faculty of Nutrition and Food Sciences of the University of Porto)
- T4P13 BMI-for-age at birth is associated with BMI-for-age in female children from 24 to 48 months old
Alexandra Amoroso¹ (¹Montepio Geral Associação Mutualista)
- T4P14 Body composition in obese children
Leonova Irina¹, Obratsova Galina¹, Novikova Valeria¹, Kedrinskaya Anastasia¹ (¹Federal Almazov North-West Medical Research Centre)
- T4P15 Body fat percentage, nutritional and physical activity knowledge in Adolescents
Vera Ferro-Lebres¹, José Carlos Ribeiro², Gustavo Silva², Pedro Moreira³ (¹Diagnostic and Therapeutic Technologies Department, School of Health Sciences - Polytechnic Institute of Braganza, Portugal , ²Research Center in Physical Activity, Health and Leisure, Faculty of Sports, University of Porto, Portugal , ³Faculty of Nutrition and Food Sciences, University of Porto, Portugal)
- T4P16 Body mass index profile in adolescents and its relation with weight concerns
Ana Pereira¹, Maria Augusta Veiga-Branco², Filomena Pereira³ (¹Instituto Politécnico de Bragança , ²Instituto Politécnico de Bragança, PAIDEIA , ³Universidade de Lisboa de Faculdade de Medicina)
- T4P17 Body weight stabilization (plateau) as a treatment goal in adolescents with obesity
Antonina Starodubova¹, Elena Pavlovskaya², Tatyana Strokova², Svetlana Kosyura³ (¹Institute of Nutrition, Pirogov Russian National Medical Research University , ²Institute of Nutrition , ³Pirogov Russian National Medical Research University)
- T4P18 Body weight status, eating habits and lifestyle factors among Moroccan school children (the case of Beni Mellal-Khenifra region).
Kaltoum Boutahar¹, Ahmed Chetoui¹, Kamal Kaoutar¹, Fatiha Chigr¹, Mohamed Najimi¹ (¹Laboratory of Biological Engineering, Faculty of Science and Technology, Sultan Moulay Slimane University, Beni Mellal, Morocco.)
- T4P19 Breastfeeding and nutritional status in a population between 6 and 18 years old

Bruno Sousa¹, Catarina Pinto², Bruno Oliveira², Maria Daniel Vaz de Almeida² (¹School of Sciences and Health Technologies, Universidade Lusófona de Humanidades e Tecnologias , ²Faculty of Nutrition and Food Sciences of the University of Porto)

- T4P20 Cafeteria diet intake in nursing rats alters mir-222 levels in breast milk
Catalina Amadora Pomar¹, Heriberto Castro², Catalina Picó¹, Juana Sánchez¹, Andreu Palou¹ (¹Laboratorio de Biología Molecular, Nutrición y Biotecnología (Nutrigenómica y Obesidad), Universidad de las Islas Baleares (UIB) y CIBER Fisiopatología de la Obesidad y Nutrición (CIBEROBN), Palma de Mallorca, España. , ²Facultad de Nutrición y Salud Pública, Universidad Autónoma de Nuevo León, Nuevo León, México)
- T4P21 Catalase activity is related with inflammatory status in overweight and obese children
Maria Dolores Mesa¹, Josune Olza¹, Azahara I. Ruperez², Rocio Vázquez-Cobela³, Luis Moreno², Gloria Bueno², Rosaura Leis³, Angel Gil¹, Concepcion M. Aguilera¹ (¹Department of Biochemistry and Molecular Biology II, Institute of Nutrition and Food Technology “Jose Mataix”, Centre of Biomedical Research, University of Granada, Granada, Spain , ²Health Sciences Institute in Aragon, Zaragoza, Spain; Pediatric Department, Lozano Blesa University Clinical Hospital, University of Zaragoza. Spain , ³Unit of Investigation in Nutrition, Growth and Human Development of Galicia, Paediatric Department. Clinic University Hospital of Santiago. University of Santiago de Compostela. Santiago de Compostela. Spain)
- T4P22 Childhood obesity prevention in China - Exploring stakeholders’ views to inform the design of the CHIRPY DRAGON childhood obesity prevention programme
Dr Bai Li¹, Rong Lin², Wei Liu², Jing Yi Chen³, Dr Wei Jia Liu², Prof. Kar Keung Cheng¹, Dr Miranda Pallan¹, Prof. Peymane Adab¹, Dr Laura Jones¹ (¹Institute of Applied Health Research, College of Medical and Dental Sciences, University of Birmingham , ²Faculty of School Health, Guangzhou Centre for Disease Control and Prevention, P.R. of China , ³Guangzhou School Health Care Promotion Centre, P.R. of China)
- T4P23 Childhood Overweight or Obesity and Metabolic Risk Factors in Predicting Adulthood Dysglycemia: Tehran Lipid and Glucose Study
Maryam Barzin¹, Zahra Piri¹, Maryam Mahdavi¹, Majid Valizadeh¹, Kamran Guity², Fereidoun Azizi³, Farhad Hosseinpanah¹ (¹Obesity Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran , ²Cellular and Molecular Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran , ³Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran.)
- T4P24 Children’s food preference for fruit, vegetables and beans and the relationship with the availability, consumption and children’s food neophobia
Letícia Salomoni¹, Graça Andrade² (¹Escola Superior de Hotelaria e Turismo do Estoril , ²Escola Superior de Tecnologia e Saúde de Lisboa)
- T4P25 Children’s perception about their mothers’ body image and their association with BMI
Anette Solorio¹ (¹Universidad Autónoma de Baja California)
- T4P26 Children’s psychosocial stress and gut health in a pathway to inflammation and obesity: gut barrier, fecal short-chain fatty acids and gut bacteria.
Nathalie Michels¹, Tom Van de Wiele¹, Stefaan De Henauw¹ (¹Ghent University)
- T4P27 Children’s psychosocial stress and metabolic health
Nathalie Michels¹, Stefaan De Henauw¹ (¹Ghent University)
- T4P28 Children’s Understanding of Physical Activity and Health
Suzanne Everley¹ (¹University of Chichester)

- T4P29 Children's birth weight and parental obesity as risk factors of children obesity
Olga Lubina¹, Ilze Napituhina¹, Karina Agadžanjana¹, Iveta Dzivīte-Krišāne¹, Irēna Sprudzāne¹, Anita Vētra¹, Jurgita Gailīte¹ (¹Children's Clinical University Hospital)
- T4P30 Cholecalciferol supplementation does not improve arterial stiffness in obese adolescents: a double-blind randomized trial VIDADO.
Morrissey Christopher¹, Perez-Martin Antonia², Defoort Catherine³, Tardivel Catherine³, Raverdy Cecile⁴, Masson Cecile⁴, Amiot Marie-Josephe³, Vinet Agnes¹ (¹LaPEC, University of Avignon, France , ²Vascular Medicine and Laboratory, Nimes University Hospital, France , ³NORT, AMU, INRA, INSERM, Marseille, France , ⁴SSR Institut Saint Pierre, Palavas-les-Flots, France)
- T4P31 COMORBIDITIES IN CHILDHOOD OBESITY
Trandafir Laura Mihaela¹, Russu Georgiana¹, Moscalu Mihaela¹, Frasinariu Otilia Elena¹ (¹University of Medicine and Pharmacy Grigore T. Popa Iasi)
- T4P32 Comparing methods of assessing parental perceptions of their obese child's weight status
Laura Cutler¹, Kathryn Parkinson¹, Bronia Arnott¹, Angela Jones¹, Vera Araújo-Soares¹, Kay Mann¹, Martin Tovee², Mark Pearce¹, Louisa Ells³, Julie Harris⁴, Ashley Adamson¹ (¹Newcastle University , ²University of Lincoln , ³Teesside University , ⁴University of St Andrews)
- T4P33 comparison Anxiety, Depression and Lifestyle between obese and normal weight children
Elham Jahanbin¹ (¹Guilan University)
- T4P34 Comparison of changes in body mass index metrics and bioelectrical impedance analysis with dual x-ray absorptiometry in obesity treatment of children and adolescents
Hanne Lund Løkling¹, Mathieu Roelants², Beate Benestad³, Jøran Hjeltnes³, Mette Helvik Morken⁴, Pétur B. Júlíusson⁵ (¹Department of Clinical Medicine, University of Bergen, Norway , ²Department of Public Health and Primary Care, KU Leuven, University of Leuven, Belgium , ³Morbid Obesity Centre, Vestfold Hospital Trust, University of Oslo, Norway , ⁴Department of Clinical Medicine, University of Bergen, Norway and Department of Internal Medicine, Haukeland University Hospital, Bergen, Norway , ⁵Department of Paediatrics, Haukeland University Hospital, Bergen, Norway and Department of Clinical Science. University of Bergen. Norway)
- T4P35 Concomitant gastrointestinal tract pathology in overweight and obese children
Margarita Gurova¹, Anna Guseva² (¹Belgorod National Research University , ²Kursk Regional Children Hospital)
- T4P36 Cut off values of neck circumference to predict overweight and obesity according to pubertal stage in Brazilian adolescents
Ivete Alves dos Santos¹, Maria Aparecida Zanetti Passos², Isa de Pádua Cintra Sampaio², Mauro Fisberg², Aline de Piano Ganen¹ (¹Centro Universitário São Camilo , ²Universidade Federal de São Paulo)
- T4P37 CYTOKINE STATUS OF CHILDREN WITH MORBID OBESITY
novikova valeria¹, Aleshina ekaterina¹, Leonova Irina¹, Komissarova Marina², Vorontsova Ludmila², Kalashnikova viktorija³, Kalinina Natalia⁴ (¹Federal Medical Research Center Almazov , ²Saint Petersburg Pediatric State Medical University , ³Children's regional hospital , ⁴The Federal State Budgetary Institute «The Nikiforov Russian Center of Emergency and Radiation Medicine»)
- T4P38 Determining adherence of children and adolescents in (Santa Maria de Feira) Portugal and (Kırıkkale) Turkey to Mediterranean diet
Biriz Çakır¹, Fatma Nişancı Kılınç¹, Mustafa Can Hiçyılmaz², Andreia Santos³ (¹Kırıkkale University Faculty of Health Sciences, Turkey , ²Kırıkkale National Education Directorate, Turkey , ³Municipality of Santa Maria de Feira, Portugal)

- T4P39 Dietary and meal pattern and association to body size in adolescents
Jannina Viljakainen¹, Rejane Augusta de Oliveira Figueiredo², Sabina Simola-Ström², Eva Roos¹, Elisabete Weiderpass³, Trine B Rounge⁴ (¹Folkhälsan Research Center, Finland; University of Helsinki, Finland , ²Folkhälsan Research Center, Finland , ³Folkhälsan Research Center, Finland; Cancer Registry of Norway; University of Tromsø – The Arctic University of Norway, Karolinska Institutet, Sweden , ⁴Folkhälsan Research Center, Finland; Cancer Registry of Norway)
- T4P40 Dietary and physical activity characteristics of overweight Greek children
Sousana K. Papadopoulou¹, Spyridon Methenitis², Anna Kokkinopoulou¹, Ioannis Pagkalos³, Maria Hassapidou¹ (¹Department of Nutrition and Dietetics, Alexander Technological Educational Institute of Thessaloniki, Thessaloniki, Greece , ²Department of Physical Education and Sport Science, National and Kapodistrian University of Athens, Athens, Greece , ³Department of Electrical and Computer Engineering, Aristotle University of Thessaloniki, Thessaloniki, Greece)
- T4P41 Dietary patterns in toddlers with excess weight. The 2016 PITNUTS study.
Halina Weker¹, Marta Baranska¹, Agnieszka Riahi¹, Malgorzata Strucinska¹, Malgorzata Wiech¹, Agnieszka Bzikowska¹, Grazyna Rowicka¹, Hanna Dylag¹, Witold Klemarczyk¹, Piotr Socha² (¹Institute of Mother and Child , ²The Children’s Memorial Health Institute)
- T4P42 ‘Eating foods surplus to requirements: Where, with whom and why are adolescents eating non-core foods?’
Zoi Toumpakari¹, Kate Tilling², Anne M Haase¹, Laura Johnson¹ (¹School for Policy Studies, University of Bristol , ²School for Social and Community Medicine, University of Bristol)
- T4P43 Effect of a 10-month multidisciplinary weight loss program on Quality of Life and Health Perception in adolescents with obesity.
Masurier Julie¹, Miguet Maud², Courteix Daniel³, Boirie Yves⁴, Duclos Martine⁴, ThiveI David⁵ (¹SSR UGECAM Nutrition Obesité, Clermont-Ferrand, France , ²Clermont Auvergne UNiversity, France , ³Clermont-Auvergne University, France , ⁴CHU Clermont-Ferrand, Clermont-Ferrand, France , ⁵Clermont Auvergne University, France)
- T4P44 Effectiveness of the MOVI-KIDs physical activity intervention improving children’s academic achievement
Celia Álvarez-Bueno¹, Ivan Cavero-Redondo¹, Miriam Garrido-Miguel¹, Blanca Notario-Pacheco¹, María Martínez-Andrés¹, Mairena Sánchez-López² (¹Health and Social Research Center. Universidad de Castilla-La Mancha, Cuenca. Spain , ²Health and Social Research Center. Universidad de Castilla-La Mancha, Ciudad Real. Spain)
- T4P45 Effects of between generations changes in nutrition type on adipokine levels in female Sprague Dawley rat
Anđela Grgić¹, Željka Perić Kačarević¹, Robert Selthofer¹, Nenad Čekić¹, Radivoje Radić¹ (¹Faculty of Medicine Osijek, University of Osijek)
- T4P46 Effects of early infant feeding interventions on parental feeding practices: A systematic review
Karen Matvienko-Sikar¹, Elaine Toomey², Lisa Delaney¹, Janas Harrington¹, Molly Byrne², Patricia M Kearney¹ (¹University College Cork , ²National University of Ireland Galway)
- T4P47 Effects of maternal exposure to different types of fatty acids during pregnancy and lactation on the adiposity and inflammatory responses in the 21-d-old pups
Laís Vales Mennitti¹, Lila Missae Oyama², Aline Boveto Santamarina¹, Claudia Maria da Penha Oller do Nascimento², Luciana Pellegrini Pisani³ (¹Programa de Pós-graduação Interdisciplinar em Ciências da Saúde, Universidade Federal de São Paulo (UNIFESP), Santos, SP, Brazil , ²Departamento de Fisiologia, Disciplina de Fisiologia da Nutrição, Universidade Federal de São Paulo (UNIFESP), São Paulo, SP, Brazil , ³Departamento de Biociências, Instituto de Saúde e Sociedade, Universidade Federal de São Paulo (UNIFESP), Santos, SP, Brazil)
- T4P48 Effects on physical activity patterns among preschool children predisposed to overweight and obesity in the Danish Healthy Start intervention
Mina N. Händel¹, Sofus Christian Larsen¹, Jeanett Friis Rohde¹, Maria Stougaard¹, Nanna Julie Olsen¹, Berit Lilienthal Heitmann¹ (¹Research Unit for Dietary Studies, the Parker Institute, Bispebjerg Frederiksberg Hospital)

- T4P49 Efficacy of a home-based weight management intervention for 2-6 year old children and their parents: Results of a randomized controlled pilot trial
Corby K. Martin¹, John W. Apolzan¹, Keely R. Hawkins¹, Lindsay Hall¹, Allison Davis¹, Jenelle R. Shanley Chatham² (¹Pennington Biomedical Research Center , ²Georgia State University)
- T4P50 ENDOTHELIAL FUNCTION AND ARTERIAL STIFFNESS IN OBESE ADOLESCENTS – A RELATION TO BAROREFLEX FUNCTION
Barbora Czippelová¹, Zuzana Turianiková¹, Jana Krohová¹, Zuzana Lazarová¹, Michal Javorka¹ (¹Comenius University in Bratislava, Jessenius Faculty of Medicine in Martin (JFM CU), Department of Physiology JFM CU and Biomedical Center Martin JFM CU, Martin, SLOVAKIA)
- T4P51 EVALUATION OF THE IMPACT OF USING TV/COMPUTER ON THE PHYSICAL ACTIVITY IN OBESE CHILDREN
Trandafir Laura Mihaela¹, Frasinariu Otilia Elena¹, Mihalache Laura¹, Moscalu Mihaela¹ (¹University of Medicine and Pharmacy Grigore T. Popa Iasi)
- T4P52 Excess weight and its relation with raising blood pressure in children
Renata Paulino Pinto¹, Luane Marques de Mello², Raphael Liberatore Junior³ (¹Faculdade de Medicina de Ribeirão Preto USP , ²Faculdade de Medicina de Ribeirão Preto-USP , ³Faculdade de Medicina de Ribeirão Preto - USP)
- T4P53 Exploring barriers and facilitators of fruit and vegetable consumption in pre-school children: a meta-synthesis using the Theoretical Domains Framework (TDF)
Claire O'Malley¹, Carolyn Summerbell¹, Helen Moore¹, Nicola Heslehurst² (¹Durham University , ²Newcastle University)
- T4P54 Exploring the Cardiorespiratory Health of Children Referred for Obesity Treatment
Dr Grace O'Malley¹, Kieron Connolly², Prof Marie Guidon² (¹Temple Street Childrens University Hospital , ²School of Physiotherapy, Royal College of Surgeons in Ireland, Dublin, Ireland.)
- T4P55 Fast Food Intake and Dietary Behaviours in South Korea Childhood and Adolescent: KNHANES 10-14 database
Hansongyi Lee¹, Ahleum Ahn², Jaekyung Choi², Hyunjung Lim³ (¹Research Institute of Medical Nutrition, Kyung Hee University, Seoul 02447, Republic of Korea , ²Department of Family Medicine, Research Institute of Medical Science, Konkuk University School of Medicine, Republic of Korea , ³Republic of Korea, Department of Medical Nutrition, Graduate School of East-West Medical Science, Kyung Hee University, Yong-in 17104, Republic of Korea)
- T4P56 Food and beverage advertising on Mexican broadcast television and the relationship with the brand knowledge in children
Liliana Bahena Espina¹, Lizbeth Tolentino-Mayo¹ (¹Instituto Nacional de Salud Pública)
- T4P57 Food and non-alcoholic beverage advertisements: The need to regulate persuasion techniques targeted towards children in Mexico
Liliana Bahena Espina¹, Lizbeth Tolentino-Mayo¹ (¹Instituto Nacional de Salud Pública)
- T4P58 Friends make children less sedentary and neighbourhoods make them more active
Tracie A Barnett¹, Melanie Henderson², Gisele Contreras³ (¹INRS-Institut Armand-Frappier/CR CHU Sainte-Justine , ²Université de Montréal/CR CHU Sainte-Justine , ³INRS-Institut Armand-Frappie)
- T4P59 General and central obesity is associated with snack quality in primary school children in Shiraz
Shiva Faghhi¹, Saeed Ghobadi² (¹Department of Community Nutrition, School of Nutrition and Food Sciences, Shiraz University of Medical Sciences, Shiraz, Iran. , ²Student Research Committee, School of Nutrition and Food Sciences, Shiraz University of Medical Sciences, Shiraz, Iran.)

- T4P60 Healthier eating behaviors among Portuguese school-aged children: association with overweight/obesity
Bebiana Sabino¹, Maria João Almeida² (¹Faculdade de Desporto - Universidade do Porto , ²Faculdade de Ciências do Desporto e Educação Física - Universidade de Coimbra)
- T4P61 Healthy Lifestyles Have Your Say - Hear the Children & Young People Voices
Nazih Eldin¹, Shirley Martin², Deirdre Horgan², Margaret Scanlon², Anne O'Donnell³ (¹Department of Health , ²National University of Ireland, Cork , ³Department of Children and Youth Affairs)
- T4P62 High BMI in late adolescence predicts future severe liver disease and hepatocellular carcinoma: A national, population-based cohort study in 1.2 million men
Hannes Hagström¹, Per Tynelius², Finn Rasmussen³ (¹Centre for Digestive Diseases, Division of Hepatology, Karolinska University Hospital, Stockholm, Sweden and Department of Medicine, Huddinge, Karolinska Institutet, Stockholm, Sweden , ²Centre for Epidemiology and Community Medicine, Stockholm County Council, Health Care Services , ³Department of Public Health Services, Karolinska Institutet. Stockholm, Sweden)
- T4P63 High-Fat Meal, Systemic Inflammation and Glucose Homeostasis in Obese Children and Adolescents
Anita Morandi¹, Elena Fornari¹, Francesca Opri¹, Francesca Olivieri¹, Claudia Piona¹, Riccardo Bonadonna², Claudio Maffei¹ (¹Pediatric Diabetes and Metabolic Disorders Unit, University Hospital of Verona, Verona, Italy , ²Division of Endocrinology, Department of Clinical and Experimental Medicine, University Hospital of Parma, Parma, Italy)
- T4P64 Hyperhomocysteinemia and Components of Metabolic Syndrome in Moroccan Youths
Touzani A1,³ Candito M2², Gaouzi A1¹, Chabraoui L3³ (¹1: CHU-Children's Hospital , ²2 : Laboratory of Biochemistry, Pasteur Hospital, Nice-France , ³3: Laboratory Biochemistry and Molecular Biology ,University Mohamed V Faculty of Medicine and Pharmacy of Rabat- Morocco.)
- T4P65 If you build it will they come? An analysis of the recruitment of families to a community-based, multi-disciplinary childhood weight-management programme
Ms Emily Kelleher¹, Dr Grace O'Malley², Dr Janas Harrington¹, Dr Frances Shiely¹, Prof Ivan Perry¹ (¹University College Cork , ²The Children's University Hospital, Dublin)
- T4P66 Impact of a web-based intervention to improve nutritional literacy in families of pre-school children: The Nutriscience Program
Maria João Gregório¹, Carla Almeida¹, Renata Barros¹, Patrícia Padrão¹, Nuno Moutinho², José Azevedo³ (¹Faculty of Nutrition and Food Sciences of the University of Porto , ²Faculty of Economics of the University of Porto , ³Faculty of Arts of the University of Porto Portugal)
- T4P67 Impact of high-intensity circuit-training in physical capacity and cardiometabolic risk markers in overweigh adolescents
Daniel Moreira-Gonçalves¹, Cristine Schmidt², Rita Ferreira³, Maria João Neuparth², Carolina Canotilho², Francisca Serrão², Marta Sobral², José Oliveira² (¹Research Center of Physical Activity, Health and Leisure (CIAFEL), Faculty of Sport, University of Porto; Department of Surgery and Physiology, Faculty of Medicine, University of Porto , ²Research Center of Physical Activity, Health and Leisure (CIAFEL) , ³University of Aveiro)
- T4P68 Implementation of a community-based, multi-disciplinary, family-focused childhood weight management programme: Barriers and facilitators for success
Ms Emily Kelleher¹, Dr Janas Harrington¹, Dr Frances Shiely¹, Prof Ivan Perry¹, Dr Sheena McHugh¹ (¹University College Cork)
- T4P69 Indicating obesity status of the children and adolescents in Santa Maria de Feira (Portugal) and Kırıkkale (Turkey)
Fatma Nişancı Kılıncı¹, Biriz Çakır¹, Mustafa Can Hiçyılmaz², Anfreia Santos³ (¹Kırıkkale University, Faculty of Health Sciences,Turkey , ²Kırıkkale Provincial Directorate of National Education, Turkey , ³Municipality of Santa Maria de Feira, Portugal)

- T4P70 INFLUENCE OF OBESITY ON PHYSICAL WORKING CAPACITY AT TEENAGERS.
novikova valeria¹, Leonova Irina¹, Protopopova Olga¹, Gavrysheva Oksana¹, Burnysheva Irina², Vorontzov Pavel³ (¹North-Western Federal Medical Research Center Almazov , ²Children´s regional hospital, Saint-Petersburg , ³North-Western State Medical University named after I.I. Mechnikov)
- T4P71 Influence of parental nutritional status on nutritional status of their offspring at 0-36 months. Results from Epaci Portugal 2012
Margarida Nazareth¹, Elisabete Pinto¹, Carla Lopes², Carla Rêgo³ (¹Centre for Biotechnology and Fine Chemistry - Associated Laboratory, Faculty of Biotechnology, Universidade Católica Portuguesa , ²ISPUP-EPIUnit, University of Porto , ³Children and Adolescent Centre, CUF Hospital, Center for Health Technology and Services Research (CINTESIS), Faculty of Medicine, University of Porto, Porto, Portugal)
- T4P72 Intake of fruits, vegetables and vegetable soup in Azorean Adolescents according to waist-to-height ratio
Ana Gonçalves-Figueiredo¹, Rute Santos², Carla Moreira³, Luís Lopes³, César Agostinis-Sobrinho³, José Oliveira-Santos³, Carla Gonçalves⁴, Rafaela Rosário⁵, Jorge Mota³, Sandra Abreu³ (¹ISEIT - Piaget Institute , ²Research Centre in Physical Activity, Health and Leisure, Faculty of Sport, University of Porto; Early Start Research Institute, Faculty of Social Sciences, School of Education. University of Wollongong, Australia , ³Research Centre in Physical Activity, Health and Leisure, Faculty of Sport, University of Porto , ⁴Ordem dos nutricionistas , ⁵Health Sciences Research Unit, University of Coimbra)
- T4P73 Leptinemia and Cardiometabolic Risk Factors in Syndromic Genetic Obesity in Children : Prader Willi and Laurence Moon Bardet-Biedl
Touzani A 1, 3¹, Draï J 2², Gaouzi A1³, Chabraoui L3⁴ (¹ : Department of Paediatric diabetology Endocrinology-Neurology, Children´s Hospital of Rabat-Morocco 3 : Laboratory of Biochemistry and Molecular Biology, University Mohammed V Faculty of Medicine and Pharmacy, Rabat- Morocco , ² 2 : Laboratory of Biochemistry, Hospital Southern, Lyon, France , ³ 1 : Department of Paediatric diabetology Endocrinology-Neurology, Children´s Hospital of Rabat-Morocco , ⁴ 3 : Laboratory of Biochemistry and Molecular Biology, University Mohammed V Faculty of Medicine and Pharmacy, Rabat- Morocco)
- T4P74 Lifestyle treatment of children and adolescents with obesity in Bergen, Norway: Impact of follow-up frequency and self-monitoring during the first year
Kristin Garpestad Kommedal¹, Mathieu Roelants², Hanna Flækøy Skjåkødegård³, Yngvild Sjørebø Danielsen⁴, Mette Helvik Morken⁵, Pétur Benedikt Júlíusson⁶ (¹Department of Clinical Medicine, Faculty of Medicine and Dentistry, University of Bergen, Norway , ²Department of Public Health and Primary Care, KU Leuven University of Leuven, Belgium , ³Department of Clinical Science, Faculty of Medicine and Dentistry, University of Bergen, Norway , ⁴Department of Clinical Psychology, Faculty of Psychology, University of Bergen, Norway , ⁵Department of Clinical Medicine, Faculty of Medicine and Dentistry, University of Bergen, Norway; Department of Internal Medicine, Haukeland University Hospital, Norway , ⁶Department of Clinical Science, Faculty of Medicine and Dentistry, University of Bergen, Norway; Department of Pediatrics, Haukeland University Hospital, Bergen, Norway)
- T4P75 Listening to Obese Children and Adolescents
Robert Pretlow¹ (¹eHealth International)
- T4P76 Long-term changes in skinfolds thickness in children and adolescents aged 3-18 from Krakow (Poland), within the last 30 years (from 1983 to 2010)
Łukasz Kryst¹, Inez Bilińska², Małgorzata Kowal¹, Agnieszka Woronkiewicz¹, Jan Sobiecki¹ (¹University of Physical Education, Department of Anthropology, Krakow , ²Mieszko I College of Education and Administration, Faculty of Public Health, Poznan)
- T4P77 Maternal consumption of saturated, trans or n-3 polyunsaturated fatty acids during pregnancy and lactation differently affects the lipid profile and glucose tolerance of 21-d-old pups
Laís Vales Mennitti¹, Lila Missae Oyama², Aline Boveto Santamarina¹, Claudia Maria da Penha Oller do Nascimento², Luciana Pellegrini Pisani³ (¹Programa de Pós-graduação Interdisciplinar em Ciências da Saúde, Universidade Federal de São Paulo (UNIFESP), Santos, SP, Brazil , ²Departamento de Fisiologia, Disciplina de Fisiologia da Nutrição, Universidade Federal de São Paulo (UNIFESP), São Paulo, SP, Brazil , ³Departamento de Biociências, Instituto de Saúde e Sociedade, Universidade Federal de São Paulo (UNIFESP), Santos, SP, Brazil)

- T4P78 Maternal obesogenic diet during pregnancy and suckling: study of proteins in the inflammatory pathway, serotonin metabolism and Notch signaling in hippocampus of offspring mice
Cristiano Mendes-da-Silva¹, Clarissa Tavares Dias¹, Haidar Tafner Curi¹, Maria Laura Monteiro da Luz Camargo¹, Tamiris Vieira¹, Paula dos Santos Gomez¹, Rafael Herling Lambertucci¹, Simone Ferreira Lemes², Tanyara Baliani Payolla², Marcio Alberto Torsoni² (¹Laboratory of Neuroscience and Nutrition, Department of Biosciences – Federal University of Sao Paulo (UNIFESP)/Campus Baixada Santista. Santos/SP/Brazil , ²Laboratory of Metabolism Disorders - Faculty of Applied Sciences - State University of Campinas (UNICAMP). Limeira/SP/Brazil.)
- T4P79 Medium- and long-chain acylcarnitine profiles in plasma are altered in the offspring of cafeteria fed dams during lactation in response to fed/fasting conditions
Catalina Amadora Pomar¹, Ondrej Kuda², Juana Sánchez¹, Martina Rombaldova², Catalina Picó¹, Jan Kopecky², Andreu Palou¹ (¹Laboratorio de Biología Molecular, Nutrición y Biotecnología (Nutrigenómica y Obesidad), Universidad de las Islas Baleares (UIB) y CIBER Fisiopatología de la Obesidad y Nutrición (CIBEROBN), Palma de Mallorca, España. , ²Department of Adipose Tissue Biology, Institute of Physiology Academy of Sciences of the Czech Republic. v.v.i.. Prague, Czech Republic.)
- T4P80 Metabolic outcomes in overweight adults according to birth weight and overweight onset
G. Garruti¹, A. Natuzzi¹, A. Rotondo¹, A. Mandoi¹, G. Mallardi¹, F. Giorgino¹ (¹Center for the Study of Obesity, Section of Internal Medicine, Endocrinology and Metabolic Diseases, D.E. T.O., University of Bari “Aldo Moro”)
- T4P81 Metabolic signatures in an adolescent with Silver Russell Syndrome and outcomes after bariatric surgery
Hélène Mosbah¹, Béatrice Dubern², Hélène Mosbah¹, Joan Tordjman¹, Laurent Genser¹, Pierre Bedossa³, Jean-Luc Bouillot⁴, Fabrizio Andreelli¹, Pauline Faucher¹, Jean Michel Oppert¹, Karine Clément¹, Irène Netchine², Christine Poitou-Bernert¹ (¹Hôpital Pitié Salpêtrière , ²Hôpital Trousseau , ³Hôpital Beaujon , ⁴Hôpital Ambroise Paré)
- T4P82 Moderate versus High Intensity Interval Exercise trainings on Energy intake and appetite feelings in adolescents with obesity.
Miguet Maud¹, Masurier Julie², Julian Valérie³, Metz Lore⁴, Chaplais Elodie⁴, Cardenoux Charlotte⁵, Boirie Yves³, Duclos Martine³, Thivel David⁴ (¹Clermont-Auvergne University, France , ²SSR UGECAM Nutrition Obesité, Clermont-Ferrand, France , ³CHU Clermont-Ferrand, Clermont-Ferrand, France , ⁴Clermont Auvergne University, France , ⁵CMI Romagnat, France)
- T4P83 Motor proficiency and BMI changes in children. A longitudinal study.
José Maia¹, Rafael Henrique², Alcibiades Bustamante³, Sara Pereira¹, Thayse Gomes¹ (¹CIFI2D, Faculty of Sport, University of Porto, Porto, Portugal , ²Research Group in Human Motor Behavior and Health University of Pernambuco, Pernambuco, Brazil , ³Universidad Nacional de Educación Enrique Guzmán y Valle, La Cantuta, Peru)
- T4P84 No difference in musculoskeletal consultations at the GP between overweight and normal weight children
Janneke van Leeuwen¹, Marienke van Middelkoop¹, Winifred Paulis¹, Herman J. Bueving¹, Patrick Bindels¹, Bart Koes¹ (¹Erasmus Medical Centre)
- T4P85 Nutritional status among Polish school age children
Miroslaw Jarosz¹, Jadwiga Charzewska¹, Katarzyna Wolnicka¹, Joanna Jaczewska-Schuetz¹, Anna Taraszewska¹, Magdalena Siuba-Strzelińska¹ (¹National Food and Nutrition Institute)
- T4P86 Obesity and Genetic susceptibility – A study in Portuguese women
Miguel Brito¹, Luisa Veiga¹, Jose Silva Nunes² (¹Escola Superior de Tecnologia da Saúde de Lisboa, Portugal , ²Centro Hospitalar de Lisboa Central, EPE)
- T4P87 Obesity and hypertension among intellectually disable children
Yang Gao¹, Yingjun Zhang¹, Jingjing Wang², Heather Kwok¹, Wendy Y Huang¹ (¹Hong Kong Baptist University , ²Chinese University of Hong kong)

- T4P88 Obtaining comprehensive estimates of the costs of childhood obesity in Europe
Prof Kevin P Balanda¹ (¹Institute of Public Health in Ireland)
- T4P89 Outpatient Treatment of Childhood Obesity: Results from a Multi-Disciplinary Group Intervention Pilot Study
Sofia Marques Ramalho¹, Diana Silva², Sara Silva³, Ana Marinho⁴, Victor Viana⁵, Carla Vasconcelos³, Eva Conceição¹, António Guerra² (¹School of Psychology, University of Minho , ²Faculdade de Ciências da Nutrição e Alimentação da Universidade do Porto; Hospital Pediátrico Integrado, Centro Hospitalar São João; Faculdade de Medicina da Universidade do Porto , ³Hospital Pediátrico Integrado, Centro Hospitalar São João , ⁴Faculdade de Ciências da Nutrição e Alimentação da Universidade do Porto , ⁵Faculdade de Ciências da Nutrição e Alimentação da Universidade do Porto; Hospital Pediátrico Integrado. Centro Hospitalar São João)
- T4P90 Parental Feeding Practices and Their Determinants
Marta Gomes¹, Filipa Pimenta², João Marôco², Isabel Leal² (¹ISPA - Instituto Universitário , ²ISPA - Instituto Universitário; William James Center for Research)
- T4P91 Parents' knowledge about infant feeding: relationship with the child's nutritional status
Luísa Pinto¹, Graça Aparício¹, João Duarte¹ (¹Escola Superior de Saúde/Instituto Politécnico de Viseu)
- T4P92 Physical activity and physical fitness in pediatric obesity: what are the very first clinical steps? Recommendations from the European Childhood Obesity Group (ECOG).
Thivel David¹, Ring-Dimitriou Susanne², Frelut Marie-Laure³, Farpour-Lambert Nathalie⁴, Weghuber Daniel⁵, O'Malley Grace⁶ (¹Clermont Auvergne University , ²3. Department of Sport Science and Kinesiology, Paris Lodron-University, Salzburg, Austria , ³4. Pediatric Endocrinology department, Bicêtre Paris Sud University Hospital, Paris , ⁴5. Obesity Prevention and Care Program Contrepoids, Service of Therapeutic Education for Chronic Diseases, Department of Community Medicine, Primary Care and Emergency, University Hospitals of Geneva and University of Geneva, Geneva, Switzerland , ⁵6. Department of Pediatrics, Paracelsus Medical University, Salzburg, Austria; Obesity Research Unit, Paracelsus Medical University, Salzburg, Austria , ⁶7. Physiotherapy Department, Temple Street Children's University Hospital, Temple Street, Dublin, Ireland)
- T4P93 Physical activity intervention program (MOVI-KIDS study) on preventing obesity in preschoolers
Ivan Caverro-Redondo¹, Celia Alvarez-Bueno¹, Miriam Garrido-Miguel¹, Vicente Martinez-Vizcaíno¹, Ana Diez-Fernandez¹, Abel Ruiz de la Hermosa Fernandez-Infante² (¹Health and social research center, Universidad de Castilla-La Mancha, Cuenca, Spain , ²Health and social research center, Universidad de Castilla-La Mancha, Ciudad Real, Spain)
- T4P94 Platelet to lymphocyte ratio and HOMA-IR in pediatric obesity and overweight
Constança Soares dos Santos¹, João Picoito¹, Ana Luísa Teixeira¹, Carlos Rodrigues¹, Sofia Ferreira¹ (¹Pediatrics Department, Centro Hospitalar Cova da Beira, Covilhã, Portugal)
- T4P95 PORTUGUESE ADOLESCENTS INCIDENCE OF OVERWEIGHT AND OBESITY AND RELATION WITH ACCESS TO AUDIOVISUAL AND PLAYFUL MEANS
António Oliveira¹, Juan Francisco Sánchez Vázquez², Carlos Albuquerque¹, Marina Oliveira³, Madalena Cunha¹, Ana Andrade¹, Isabel Bica¹ (¹CI&DETS - Instituto Politécnico de Viseu - Portugal , ²UPSA - Salamanca -Spain , ³Aces Dão-Lafões - Portugal)
- T4P96 Positive trend towards a healthier nutrition in school-aged children from Sofia. Results from the EPHE study
Teodora Handjieva-Darlenska¹, Aneliya Kuzeva², Svetoslav Handjiev² (¹Medical University, Sofia, Bulgaria , ²Bulgarian association for the study of obesity and related diseases)
- T4P97 Prediction of metabolic health in 19-year old Swedish students
Staffan Mårild¹, Agneta Sjöberg¹, Kerstin Albertsson Wikland¹, John Chaplin¹, Lauren Lissner¹, John Chaplin¹, Jovanna Dahlgren¹ (¹Göteborg University, Sweden)

- T4P98 Predictive power of birth weight and early life body mass index on adiposity measures of adolescents
José Oliveira-Santos¹, Rute Santos², Carla Moreira¹, Sandra Abreu¹, Luís Lopes¹, César Agostinis-Sobrinho¹, Jorge Mota¹ (¹Research Centre in Physical Activity, Health and Leisure (CIAFEL) – Faculty of Sport, University of Porto , ²Early Start Research Institute, Faculty of Social Sciences. University of Wollongong, Australia)
- T4P99 Presence of obesity in children with sickle cell anemia
 Claudia dos S,Cople-Rodrigues¹, Pilar Mataratzis¹, Debora Lemos², Larissa Calixto-Lima³, Marta Citelli⁴, Cecilia Lacroix de Oliveira¹ (¹State of Rio de Janeiro University , ²Federal of Rio de Janeiro University , ³Cancer Institute , ⁴State of Rio de Janeiro university)
- T4P100 Prevalence of overweight and obesity among 6 to 11 year old school children in Tapachula, Chiapas, Mexico. “ALI Program”.
Felipe Villalobos Martinez¹, Marcela Villalobos Martínez², Josefa Canals Sans², Victoria Arijal Val² (¹Universitat Rovira I Virgili, Reus Spain , ²Universitat Rovira I Virgili, Reus Spain.)
- T4P101 Prevalence of overweight and obesity among 7-year-old Bulgarian schoolchildren in 2016
 Duleva V¹, Chikova-Iscener E¹, Petrova S¹, Dimitrov P¹, Bojilova D¹ (¹National Center of Public Health and Analyses)
- T4P102 PREVALENCE OF OVERWEIGHT AND OBESITY AMONG SCHOOL-AGED CHILDREN IN NORTHEAST ROMANIA
Frasinariu Otilia Elena¹, Moscalu Mihaela¹, Trandafir Laura Mihaela¹ (¹University of Medicine and Pharmacy Grigore T. Popa Iasi)
- T4P103 Prevalence of risk behaviors for eating disorders and associated factors in high school adolescents in Brazil
Marcia Regina Kretzer¹, Giovanna Grünwald Vietta¹, Iria Aparecida Santos Kretzer², Cintia Metzner de Sousa², Elayne Pereira¹ (¹Universidade do Sul de Santa Catarina , ²Universidade do Vale do Itajai)
- T4P104 Promising intervention strategies for prevention of obesity and other risk factors for non-communicable diseases in early childhood
Anne Martin¹, Adrienne Hughes², John J Reilly² (¹1. Usher Institute for Population Health Sciences and Informatics, University of Edinburgh, Scotland; 2. Physical Activity for Health Group, School of Psychological Sciences and Health, University of Stathclyde, Scotland , ²Physical Activity for Health Group, School of Psychological Sciences and Health, University of Stathclyde, Scotland)
- T4P105 Questionnaire on lifestyle for 8-10 year-old children: Assessment of sensitivity to change
 Romon Monique¹, Boulic Gaelle², Deken Valerie³, Duhamel Alain⁴ (¹Lille2 University EA2694 , ²FLVS association , ³Lille2 universitu EA2694 , ⁴Lille2 university EA 2694)
- T4P106 Register of Primary Health Care Visits (Avohilmo) as data source for monitoring the prevalence of overweight among Finnish children
Päivi Mäki¹, Susanna Lehtinen-Jacks², Nina Vuorela³, Esko Levälähti¹, Timo Koskela¹, Antti Saari⁴, Kaisa Mölläri¹, Raimo Mahkonen¹, Jarmo Salo⁵, Tiina Laatikainen⁶ (¹National Institute for Health and Welfare , ²University of Tampere, National Institute for Health and Welfare , ³Helsinki University Hospital , ⁴University of Eastern Finland, Kuopio University Hospital , ⁵National Institute for Health and Welfare, Oulu University Hospital, , ⁶National Institute for Health and Welfare, University of Eastern Finland,)
- T4P107 Relationship Between Meeting 24-hour Movement Guidelines and Measures of Adiposity in Children
Peter T. Katzmarzyk¹, Amanda E. Staiano¹ (¹Pennington Biomedical Research Center)
- T4P108 Renal function markers in obese boys – influence of 6-month soccer and traditional physical activity programs

Irina Lousa¹, Henrique Nascimento², Susana Rocha², Flávio Reis³, Sara Nunes³, Carla Rêgo⁴, Alice Santos-Silva², André Seabra⁵, Sandra Ribeiro², Luís Belo² (¹Department of Biological Sciences, Laboratory of Biochemistry, Faculty of Pharmacy, University of Porto, Porto, Portugal , ²UCIBIO\REQUIMTE, Department of Biological Sciences, Laboratory of Biochemistry, Faculty of Pharmacy, University of Porto, Porto, Portugal , ³Laboratory of Pharmacology & Experimental Therapeutics, Institute for Biomedical Imaging and Life Sciences (IBILI), Faculty of Medicine and CNC.IBILI Consortium University of Coimbra, Coimbra, Portugal , ⁴Children and Adolescent Centre, CUF Hospital, Center for Health Technology and Services Research (CINTESIS), Faculty of Medicine, University of Porto, Porto, Portugal , ⁵Research Centre in Physical Activity, Health and Leisure (CIAFEL), Faculty of Sport, University of Porto, Portugal)

T4P109 Risk evaluation of Type 2 Diabetes Mellitus in a sample of Portuguese teens
Graça Aparício¹ (¹Escola Superior de Saúde/Instituto Politécnico de Viseu)

T4P110 Risk evaluation of Type 2 Diabetes Mellitus in a sample of Portuguese teens
Graça Aparício¹, Carlos Albuquerque² (¹Escola Superior de Saúde/Instituto Politécnico de Viseu , ²CI&DETS - Instituto Politécnico de Viseu - Portugal)

T4P111 Sources of Variability in Childhood Obesity and Related Behaviours
Peter T. Katzmarzyk¹, Stephanie T. Broyles¹, Jean-Philippe Chaput², Mikael Fogelholm³, Gang Hu¹, Rebecca Kuriyan⁴, Anura Kurpad⁴, Estelle V. Lambert⁵, Carol Maher⁶, Jose Maia⁷, Victor Matsudo⁸, Timothy Olds⁶, Vincent Onywera⁹, Olga L Sarmiento¹⁰, Mark S. Tremblay², Catrine Tudor-Locke¹¹, Pei Zhao¹² (¹Pennington Biomedical Research Center , ²Children's Hospital of Eastern Ontario , ³University of Helsinki , ⁴St. John's Research Institute , ⁵University of Cape Town , ⁶University of South Australia , ⁷University of Porto , ⁸Centro De Estudos Do Laborat[1]orio De Aptidao F[1]isica De Sao Caetano Do Sul , ⁹Kenyatta University , ¹⁰Universidad De Los Andes , ¹¹University of Massachusetts , ¹²Tianjin Women's and Children's Health Center)

T4P112 Substandard prescription of drugs in a population of overweight and obese children. An observational retrospective cohort study
Christina Gade¹, MD, PhD, Adj. Professor Hanne Rolighed Christensen¹, MD, DMSc, FEAPCCT, Professor Kim Dalhoff¹, MD, PhD, Associate Professor Jens Christian Holm², MD, PhD, MSc paediatric medicine, Associate professor Helle Holst¹ (¹Department of Clinical Pharmacology. Copenhagen University Hospital, Bispebjerg and Frederiksberg , ²Children's Obesity Clinic, European Center of Management (EASO). Department of Paediatrics, Zealand University Hospital, Holbaek)

T4P113 Sympathetic nervous system activity is decreased in obese adolescents
Michal Javorka¹, Barbora Czipelová¹, Zuzana Turianiková¹, Jana Krohová¹, Zuzana Lazarová¹, Katarína Pozorčiaková², Peter Bánovčin² (¹Department of Physiology and Biomedical Center Martin, Comenius University in Bratislava, Jessenius Faculty of Medicine, Martin, Slovakia , ²Clinic of Children and Adolescents, Comenius University in Bratislava, Jessenius Faculty of Medicine, Martin, Slovakia)

T4P114 Tenomodulin genetic variants are associated with childhood obesity
Augusto Anguita¹, Josune Olza², Azahara I. Ruperez³, Rocío Vázquez-Cobela⁴, Mercedes Gil-Campos⁵, Ramón Cañete⁵, Luis Moreno⁶, Angel Gil², Gloria Bueno⁶, Rosaura Leis⁷, Concepcion M. Aguilera² (¹Department of Biochemistry and Molecular Biology II, Institute of Nutrition and Food Technology "Jose Mataix", Centre of Biomedical Research, University of Granada, Granada, Spain. , ²Department of Biochemistry and Molecular Biology II, Institute of Nutrition and Food Technology "Jose Mataix", Centre of Biomedical Research, University of Granada, Granada, Spain. CIBER Fisiopatología de la Obesidad y la Nutrición (CIBEROBN), Madrid, Spa , ³Health Sciences Institute in Aragon, Zaragoza, Spain; Pediatric Department, Lozano Blesa University Clinical Hospital, University of Zaragoza. Spain , ⁴Unit of Investigation in Nutrition, Growth and Human Development of Galicia, Paediatric Department, Clinic University Hospital of Santiago, University of Santiago de Compostela, Santiago de Compostela, Spain. , ⁵Unit of Pediatric Endocrinology, Reina Sofia University Hospital, Avda Menéndez Pidal s/n. 14004 Córdoba, Spain. CIBER Fisiopatología de la Obesidad y la Nutrición (CIBEROBN), Madrid, Spain , ⁶Health Sciences Institute in Aragon, Zaragoza, Spain; Pediatric Department, Lozano Blesa University Clinical Hospital, University of Zaragoza. Spain. CIBER Fisiopatología de la Obesidad y la Nutrición (CIBEROBN), Madrid, Spain , ⁷Unit of Investigation in Nutrition, Growth and Human Development of Galicia, Paediatric Department, Clinic University Hospital of Santiago, University of Santiago de Compostela, Santiago de Compostela, Spain. CIBER Fisiopatología de la Obesidad y la Nutri)

- T4P115 The association between parental separation during childhood and obesity in adulthood: A Danish Twin Study
Jindong Ding Petersen¹, Berit Lilienthal Heitmann², Kirsten Ohm Kyvik³, Marianne Vamosi⁴ (¹Research Unit for Dietary Studies at the Parker Institute, Bispebjerg and Frederiksberg Hospital, Copenhagen, Denmark , ²Research Unit for Dietary Studies at the Parker Institute, Bispebjerg and Frederiksberg Hospital, Copenhagen, Denmark , ³Department of Clinical Research, University of Southern Denmark, Odense, Denmark ³Odense Patient Data Explorative Network (OPEN), , ⁴Aarhus University, Denmark)
- T4P116 The Association of parental obesity with physical activity and sedentary behaviors of their children: The CASPIAN- V Study
Hanieh-Sadat Ejtahed¹, Pooneh Angorani¹, Mostafa Qorbani², Shirin Hasani-Ranjbar¹, Ramin Heshmat³, Mohammad Esmaeil Motlagh⁴, Hasan Ziaodini⁵, Bagher Larijani⁶, Roya Kelishadi⁷ (¹Obesity and Eating Habits Research Center, Endocrinology and Metabolism Molecular -Cellular Sciences Institute, Tehran University of Medical Sciences, Tehran, Iran. , ²Department of Community Medicine, Alborz University of Medical Sciences, Karaj, Iran. , ³Chronic Diseases Research Center, Endocrinology and Metabolism Population Sciences Institute, Tehran University of Medical Sciences, Tehran, Iran. , ⁴Department of Pediatrics, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran. , ⁵Institute of Education and training, Tehran, Iran. , ⁶Endocrinology and Metabolism Research Center, Endocrinology and Metabolism Clinical Sciences Institute, Tehran University of Medical Sciences, Tehran, Iran. , ⁷Pediatrics Department, Child Growth and Development Research Center, Research Institute for Primordial Prevention of Non-communicable Disease, Isfahan University of Medical Sciences, Isfahan, Iran.)
- T4P117 The effect of a multidisciplinary intervention program on blood pressure and physical fitness in overweight and obese children.
J. van Leeuwen¹, Marije Visser¹, B.W. Koes¹, M. van Middelkoop¹ (¹Erasmus Medical Center)
- T4P118 The effect of impaired glucose metabolism in children and adolescents during weight reduction treatment.
Julie Tonsgaard Kloppenborg¹, Michael Gamborg², Cilius Esmann Fonvig³, Tenna Ruest Haarmark Nielsen⁴, Oluf Pedersen⁵, Jesper Johannesen⁶, Torben Hansen⁵, Jens-Christian Holm⁷ (¹The Children's Obesity Clinic, Department of Pediatrics, Copenhagen University Hospital Holbæk, Denmark , ²Institute of Preventive Medicine, Copenhagen University Hospital, Denmark , ³The Children's Obesity Clinic, Department of Pediatrics, Copenhagen University Hospital Holbæk and Department of Pediatrics, Odense University Hospital, Denmark , ⁴The Children's Obesity Clinic, Department of Pediatrics, Copenhagen University Hospital Holbæk , ⁵The Novo Nordisk Foundation Center for Basic Metabolic Research, Section of Metabolic Genetics, University of Copenhagen and University of Copenhagen, Faculty of Health and Medical Sciences, Denmark , ⁶Department of Pediatrics, Copenhagen University Hospital Herlev and University of Copenhagen, Faculty of Health and Medical Sciences, Denmark , ⁷The Children's Obesity Clinic, Department of Pediatrics, Copenhagen University Hospital Holbæk, Denmark and The Novo Nordisk Foundation Center for Basic Metabolic Research, Section of Metabolic Genetics, University of Copenhagen and University of Copenhagen)
- T4P119 The influence of plasmatic fatty acids in inflammatory and cardiovascular biomarkers in obese adolescents submitted to a long-term interdisciplinary treatment.
Aline de Piano Ganen¹, Deborah Cristina Landi Masquio¹, Debora Estadella², Lila Missae Oyama², Gabriel IH Souza², Aline B. Santamarina², Renata G. Moreira³, Priscila de Lima Sanches², Lian Tock², Marco Túlio de Mello², Sérgio Tufik², Ana Dâmaso², Claudia M Oller do Nascimento² (¹Centro Universitário São Camilo , ²Universidade Federal de São Paulo , ³Universidade de São Paulo)
- T4P120 The relationship between body mass index and sit & play in preschoolers
Sandra Silva-Santos¹, Amanda Santos¹, Susana Vale², Jorge Mota¹ (¹Research Centre in Physical Activity, Health and Leisure. Faculty of Sport. University of Porto. Portugal. , ²Research in high school of Education. Polytechnic institute of Porto. Portugal)
- T4P121 The Use of a Text-Messaging Program during Weight Loss Treatment: Baseline Results Regarding Fruits and Vegetables Intake, Screen Time and Physical Activity in Obese Children and Adolescents.
Cátia B. Silva¹, Pedro Saint-Maurice², Sónia Gonçalves¹, Henedina Antunes³, Eva Conceição¹, Paulo P. P. Machado¹ (¹School of Psychology of University of Minho , ²Iowa State University, USA , ³Pediatric Gastroenterology, Hepatology and Nutrition Unit, Hospital de Braga, Braga, Portugal; Life and Health Sciences Research Institute (ICVS); School of Health Sciences, University of Minho, Braga, Portugal)

- T4P122 THE UTILIZATION OF BILLING CODES OF OBESITY AS A FIRST RECOGNITION OF THE PROBLEM: A PEDIATRIC UNIVERSITY PRACTICE REVIEW
Michael Yafi¹, Nunilo Rubio¹, Michelle Rivera-Davila¹, Mark Jason Sanders¹, Robert Yetman¹ (¹UT Health The University of Texas Health Science Center at Houston)
- T4P123 Thermography-based assessment of brown fat activity in children: effects of age, gender, and responsiveness to a meal.
David Sánchez-Infantes¹, Rubén Cereijo², Palmira Llorens³, José C. Moreno⁴, Verónica Nebreda⁴, Marta García⁴, Marta Giralt², Francesc Villarroya² (¹Department of Endocrinology and Nutrition, Institut d'Investigació Germans Trias I Pujol, Barcelona, Spain , ²Department of Biochemistry and Molecular Biomedicine, University of Barcelona and CIBERobn, Spain , ³Department of Biochemistry and Molecular Biomedicine, University of Barcelona , ⁴Institute for Medical and Molecular Genetics (INGEMM). La Paz University Hospital, Madrid, Spain.)
- T4P124 Time(s) and challenges of families with young children: a qualitative study with implications for obesity prevention programs
Rafaela Rosário¹, Cláudia Oliveira¹, Maria José Silva¹, Oscar Lopes², Ricardo Tinoco³, Cristiana Lopes³, Maria Conceição Rainho⁴ (¹University of Minho , ²Sports Medical Centre , ³Gualtar Family Unit Centre , ⁴University of Trás-os-Montes e Alto Douro)
- T4P125 Validation of a questionnaire for assessing psychosocial factors of junk food consumption in elementary school children
Gloria Hernández-Alcántara¹, Montserrat Bacardí-Gascón¹, Arturo Jiménez-Cruz¹, Octelina Castillo-Ruiz² (¹Universidad Autónoma de Baja California , ²Universidad Autónoma de Tamaulipas)
- T4P126 Waist circumference percentile in children from municipalities of developed and developing countries
Alyne Christian Ribeiro Andaki¹, Edmar Lacerda Mendes¹, Adelson Luiz Araújo Tinoco², Amanda Santos³, Bruno Sousa⁴, Susana Vale⁵, Jorge Mota⁶ (¹Federal University of Triângulo Mineiro , ²Federal University of Viçosa , ³Research Centre in Physical Activity Health and Leisure, Faculty of Sports University of Porto, Porto, Portugal. , ⁴Escola de Ciências e Tecnologias da Saúde, Lusófona University, Health Service of the Autonomous Region of Madeira, Portugal , ⁵Department of Sport Science. High School of Education, Polytechnic Institute of Oporto, Portugal , ⁶Research Centre in Physical Activity Health and Leisure, Faculty of Sports University of Porto, Porto, Portugal)
- T4P127 Weight Gain, Feeding and Eating in the First Year of Life of Babies of Smoking and Non-Smoking Mothers
Lilac Lev-Ari¹, Rachel Bachner-Melman¹, Ada H Zohar¹, David Mankuta² (¹Ruppin Academic Center , ²Haddassa Medical Center)
- T4P128 When maternal misperception of their child's weight status begins?
Jaroslaw Roznowski¹, Bozena Leks¹, Anna Roznowska², Miroslav Kopecky³ (¹NZOZ Twoj Lekarz , ²Student of Medical University Gdansk , ³Palacky University Olomouc)
- T4P129 When maternal misperception of their child's weight status begins?
Jaroslaw Roznowski¹, Bozena Leks¹, Anna Roznowska², Miroslav Kopecky³ (¹NZOZ Twoj Lekarz , ²student at Medical University Gdansk , ³Palacky University Olomouc)
- T4P130 Who grows most in Ireland? An analysis of weight status changes in early childhood
Samira Barbara Jabakhanji¹, Fiona Boland¹, Mark Ward², Regien Biesma¹ (¹Royal College of Surgeons in Ireland , ²Trinity College Dublin)
- T4P131 Why doesn't obesity treatment (diet and physical activity) work?
Gunilla Morinder¹, Annika Janson² (¹National Childhood Obesity Centre, Karolinska University Hospital and Department of Clinical Science, Intervention and Technology, Karolinska Institutet , ²National Childhood Obesity Centre, Karolinska University Hospital and Department of Women's and Children's Health, Karolinska Institutet)
- LB4 P132 Reductions in Blood Pressure during a Community-based Overweight and Obesity Treatment in Children and Adolescents with Prehypertension and Hypertension

Pernile Maria Mollerup¹, Ulrik Lausten-Thomsen¹, Cilius Esman Fonvig¹, Jennifer Lyn Baker², Jens-Christian Holm¹ (¹Copenhagen University Hospital Holbæk , ²Bispebjerg and Frederiksberg Hospital)

LB4 P133 Increased genetic risk of childhood obesity does not influence the response to a structured lifestyle intervention in Danish children and adolescents
Mette Fogh¹, Mette Hollensted², Theresia Maria Schnurr², Johanne Rask¹, Tenna Ruest Haarmark Nielsen¹, Mia Østergaard Johansen¹, Emil Vincent Rosenbaum Appel², Julie T. Kloppenborg¹, Oluf Pedersen², Jens-Christian Holm¹, Torben Hansen² (¹The Children's Obesity Clinic, Department of Paediatrics, Copenhagen University Hospital Holbæk, DK-4300, Holbæk, Denmark , ²The Novo Nordisk Foundation Center for Basic Metabolic Research, Section of Metabolic Genetics, University of Copenhagen, DK 2100 Copenhagen, Denmark)

LB4 P134 The association between triglyceride levels and fatness size and shape among US children: NHNAES III
Hankook Kim¹, Dr Ines Varela-Silva¹, Dr Emily Petherick¹ (¹Loughborough university)

LB4 P135 The effects of human-milk-oligosaccharides (HMOs) on the faecal microbiota and on the host metabolism in obese children – a parallel, double blind, randomised placebo-controlled study
Astrid Kerstine Buch¹, Claudia Vodstrup¹, Rie Olsen¹, Mette Fogh², Cilius E. Fonvig³, Julie T. Kloppenborg¹, Jens-Christian Holm⁴ (¹The Children's Obesity Clinic, Department of Pediatrics, Copenhagen University Hospital Holbæk, Denmark , ²The Children's Obesity Clinic, Department of Pediatrics, Copenhagen University Hospital Holbæk, Denmark, Department of Sports Science and Clinical Biomechanics, University of Southern Denmark, Odense, Denmark , ³The Children's Obesity Clinic, Department of Pediatrics, Copenhagen University Hospital Holbæk, Denmark, Department of Pediatrics, Odense University Hospital, Denmark , ⁴The Children's Obesity Clinic, Department of Pediatrics, Copenhagen University Hospital Holbæk, Denmark, The Novo Nordisk Foundation Center for Basic Metabolic Research, Section for Metabolic Genetics, University of Copenhagen, Denmark, Faculty of Health a)

LB4 P136 Is There a Relationship Between Birth Weight and Childhood Obesity?
Gizem ÖZATA-UYAR, Nevin ŞANLIER, Hande MORTAŞ¹ (¹Gazi University, Department of Nutrition and Dietetics)

LB4 P137 Determination of Mediterranean diet adherence and obesity status in children
Eda Köksal¹, Merve Şeyda Karaçil Ermumcu¹, Hande Mortaş¹ (¹Gazi University)

LB4 P138 Evaluation of body composition according to children's sport branches
Eda Köksal¹, Hande Mortaş¹, Merve Şeyda Karaçil Ermumcu¹ (¹Gazi University)

LB4 P139 Normal weight obesity and skeletal muscle quality: A 7 year longitudinal study in peripubertal girls
Sulin Cheng¹, Tao Huang¹, Petri Wiklund¹ (¹Shanghai Jiao Tong University)