

SFG
CONFERENCES

Supporting Journal
Journal of Nutritional Biology



World Congress on
**NUTRITION AND OBESITY
PREVENTION SOURCE**

November 16-18, 2017

Hotel Catalonia Barcelona 505 | Barcelona | Spain

PROGRAM
KEYNOTES
ORAL SESSIONS
POSTERS

**BOOK OF
ABSTRACTS
2017**



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Day 1	
16 November 2017	
08:00-09:00	Registrations
09:00-09:10	Opening Ceremony and Introduction
Keynote Forum	
09:20 - 09:50	Title: The Role of Leptin and Estrogens as Key Factors in Obesity Xevi Verdaguer Renart , PNIE Xevi Verdaguer, Spain
09:50 - 10:20	Title: Obesity Physiopathology: Current Perspectives Antonio Jesús Sánchez-Oliver , Universidad Pablo de Olavide de Sevilla, Spain and Elena Carrillo Álvarez , Universitat Ramon Llull de Barcelona, Spain
10:20 - 10:50	Title: The Toxic Impact of Heat on Foods Robert Rowen , California, USA
Coffee Break: 10:50 - 11:10	
Oral Sessions	
11:10 - 11:30	Title: Basis of Obesity Treatment Ketevan Asatiani , Ltd National Institute of Endocrinology, Tbilisi, Georgia
11:30 - 11:50	Title: Is there a relationship between obesity and grades in high school students? Anastasia Snelling , American University, USA
11:50 - 12:10	Title: Characteristics of overweighted and obese adults attended Nutritional clinic in Dewaniyahgovernorate, Iraq, 2014 Fatima Abd ALkhalidi , AL-QadisiyahUniversity, Iraq
12:10 - 12:30	Title: Supplementation with B and D vitamins improves metabolic bone markers, homocysteine and influences telomere length Wolfgang Herrmann , Saarland University Hospital, Germany
12:30 - 12:50	Title: A comparative analysis of body mass index and own perceived body weight: implications for public health interventions for weight management in South Africa Mashudu Manafe , Sefako Makgatho Health Sciences University, South Africa
12:50 - 13:10	Title: Anthropometric changes over the course of pregnancy and their association with adequacy of gestation weight gain Anna Maria Siega-Riz , University of Virginia School of Medicine, USA

13:10 - 13:30	Title: Ketogenic diet impact on hyperinsulinemic non-diabetic obese patients
	Marie Christine Shakib , National Research Centre, Egypt
Lunch: 13:30-14:30	
14:30 - 14:50	Title: Effect of dietary supplementation with Fucus vesiculosus and Ascophyllum nodosum (Gdue™) on fasting blood insulin and glucose levels and abdominal circumference: a clinical study
	Sara De Martin , University of Padova, Italy
14:50 - 15:10	Title: The Role of Homocysteine and B Vitamins in Telomere Length: Results from the Cross-Sectional and Interventional Trials
	Wolfgang Herrmann , Saarland University Hospital, Germany
15:10 - 15:30	Title: ACRYLAMIDE: THE CARCINOGEN IN YOUR PLATE
	CHIARA MANZI , Art joins Nutrition Academy, Italy
15:30 - 15:50	Title: Motor Development Of Indigenous Children Served By Malnutrition In Valledupar, Cesar
	GINA MAURETH BUSTOS LEÁ“N , Universidad de Santander sede Valledupar, Colombia
15:50 - 16:10	Title: Study of rheological and sensory properties of reduced-salt probiotic Ashi noodle
	Amir M. Mortazavian , Shahid Beheshti University of Medical Sciences, Iran
16:10 - 16:30	Title: Functional character determination of olive oils for new olive cultivar candidates obtained by cross breeding
	Yasin OZDEMIR , Ataturk Central Horticultural Research Institute, Turkey
16:30 - 16:50	Title: Chrysophanic Acid Suppresses Adipogenesis and Induces Thermogenesis by Activating AMP-Activated Protein Kinase Alpha In vivo and In vitro
	Hara Lim , Kyung Hee University, South Korea
16:50 - 17:10	Title: Effect of Micronutrients Fortified Food Product on Immune Health
	Kirti Sharma , ITC Life Sciences and Technology Centre, India
17:10 - 17:30	Title: Marvelous Millet and its Bioactives Prevents Diet Induced Obesity in Mice
	Kanthi Kiran Kondepudi , National Agri-Food Biotechnology Institute, India
17:30 - 17:50	Title: Effect of Fitness Training encompassing Gymnastics-Oriented Program of six weeks duration on Performance of Volleyball Players
	Syed Ibrahim , King Fahd University of Petroleum & Minerals, Saudi Arabia
17:50 - 18:10	Title: Text Neck: Effect with Smartphone Devices among the Students Of King Fahd University of Petroleum & Minerals
	Moataz Hassanain , King Fahd University of Petroleum & Minerals, Saudi Arabia

Day 2

17 November 2017

Keynote Forum

10:00 - 10:30	Title: Can Probiotics Manage Altered Microbiota in Obesity?
	Ascensión Marcos , Spanish National Research Council, Spain
10:30 - 11:00	Title: Phytochemistry behind Mediterranean Diet: Health-Promoting Effects of Phytochemical Diversity
	Marcello Iriti , Milan State University, Italy

Oral Sessions

11:00 - 11:20	Title: Evaluation of Malnutrition Risk in General Surgery Clinic Inpatients
	Alev Keser , Ankara University, Turkey

Coffee Break: 11:20-11:40

11:40 - 12:00	Title: Preconception Dietary Adherence to the 2010 Healthy Eating Index and Birth Outcomes Among Hispanic/Latina Women in the HCHS/SOL Study
	Anna Maria Siega-Riz , University of North Carolina at Chapel Hill, USA
12:00 - 12:20	Title: Assessment of Traditional Diets in Supplementing Food Security
	Babawale Odunuga , University of Manitoba, Canada
12:20 - 12:40	Title: An Evaluation of the Impact of a Midwife-Led Maternal Obesity Service on Pregnancy Outcomes and Childhood Obesity
	H Soltani F Fair , Sheffield Hallam University, UK
12:40 - 13:00	Title: Markers of the Nutrition Transition among Moroccan Students: The Case of the Beni Mellal-Khenifra Region
	Kaltoum Boutahar , Sultan Moulay Slimane University, Morocco
13:00 - 13:20	Title: Weight Gain Prevention in an Employed Adult Population: Effectiveness of Holiday Survivor
	Mark G. Wilson , University of Georgia, USA

Lunch: 13:20-14:20

14:20 - 14:40	Title: Comparison of Meal Frequency, Energy and Nutrient Intakes of University Students by Their Living Environment
	Mustafa Volkan Yilmaz , Ankara University, Turkey
14:40 - 15:00	Title: Maternal and Neonatal Leptin and Leptin Receptor Polymorphisms Associated with Preterm Birth
	Ruth Birk , Ariel University, Israel
15:00 - 15:20	Title: Probiotics as an Adjuvant Therapy in Management of Celiac Disease
	Sara Sohrabvandi , Shahid Beheshti University of Medical Sciences, Iran

15:20 - 15:40	Title: Children's Eating Behavior According to Gender and Body Mass Index
	Mustafa Volkan Yılmaz , Ankara University, Turkey
15:40 - 16:00	Title: Parents Beliefs about Childhood Obesity
	Ash UÇAR , Ankara University, Turkey
16:00 - 16:20	Title: An Analysis of the Nutritional Behaviors of Children and Adolescents who are Professional Athletes
	Alev Keser , Ankara University, Turkey
Coffee Break: 16:20 - 16:40	
Posters Presentation	
1	Title: Inhibitory Effects of Embelin in the Early Stage of 3T3-L1 Preadipocyte Differentiation
	Jae Young Um , Kyung Hee University, Republic of Korea
2	Title: Maternal Perception of Children According to Nutritional Status and Ethnicity in Lautaro, Chile.
	Fabiola Godoy Leal , Universidad Santo Tomás, Chile
3	Title: The effect of VLCD diet on body composition
	Christian Salom Vendrell , FISABIO, Spain
4	Title: Personalized diet effect in pregnant obese or overweight women
	karen Vianey Sandoval García , Unidad de Medicina Familiar, Mexico
5	Title: A Cluster Randomized Controlled Trial of a Classroom-Based Physical Activity Intervention for Urban Elementary School Students
	Marina Reznik , Albert Einstein College of Medicine, USA
6	Title: Relation of body mass index, abdominal obesity, some nutritional habits and hypertension in 25-65 year old population of Tehran
	Fariba Fatahi , University of Iran, Iran
7	Title: Combination of zonisamide and weight reduction program in obese schizophrenic patients
	Bohyun Yoon , Naju National Mental Hospital, Korea
8	Title: Prevalence of distorted body image in young Koreans and its correlates.
	Moon Doo Kim , Jeju National University Hospital, Korea
9	Title: Eating style, body image avoidance behaviours and obesity: analysis of mediation and moderation
	Kamila Czepczor , SWPS University of Social Sciences and Humanities, Poland
10	Title: Psychosocial determinants of adherence to diet and quality of life in celiac patients
	RICARDO FUEYO DÍAZ , Universidad de Zaragoza, Spain

11	Title: Antiobesity effects of Crocetin, a Crocus sativus L compound
	Silvia Llorens Folgado , University of Castilla-La Mancha, Spain
12	Title: Association between Serum 25-hydroxyvitamin D[25(OH)D] levels and depressive symptoms in patients hospitalized with a diagnosis of depression
	Jong-Hyun Jeong , St. Vincent's Hospital, Korea
13	Title: Effects of Mirtazapine on Patients Undergoing Naturalistic Diabetes Treatment A Follow-Up Study Extended From 6 to 12 Months
	Lee Jung Goo , Haeundae Paik Hospital, Korea
14	Title: Effects of Food Insecurity on Perceived Physical Health, Problem Behaviors, and School Adjustment in Korea
	Choong Rai Nho , Ick-Joong Chung, Yoo Kyung Son, Jisun Kim, Ewha Womans University, Korea
15	Title: Changes of Body Weight and Metabolic Syndrome according to the use of Psychiatric medication
	Kwanghun Lee , Dongguk University, Korea
16	Title: Metabolic Syndrome and Its Impact on Quality of Life in Patients with Schizophrenia
	Sang Yeol Lee , Jeju National University School of Medicine, Korea
17	Title: What Factors affect disturbed eating attitudes and behaviors in Korean adolescents?
	Young-Eun Jung , Jeju National University, Korea
18	Title: Organic acid differences in Korean obesity feces and anti-obesity effect of formic acid
	Myung-Ki Lee , Korea Food Research Institute, Republic of Korea
19	Title: Body Weight, BMI, Plasma Leptin, Insulin and Fasting Glucose Levels in Schizophrenic Patients Receiving Olanzapine
	Young-Joon Kwon , Soonchunhyang University Chun-an Hospital, Korea
20	Title: Obesity and Its Potential Effects on Antidepressant Treatment Outcomes in Patients with Depressive Disorders: A Literature Review
	Won-Myong Bahk , The Catholic University of Korea, Korea
21	Title: Effect of nizatidine on olanzapine-associated weight gain in schizophrenic patients
	Won-Myong Bahk , The Catholic University of Korea, Korea
22	Title: The Impact of Self-control on Obesity in Adolescence Mediated by Life time in South Korea
	Ick-Joong Chung , Choong Rai Nho, Jisun Kim, Yoo Kyung Son, Ewha Womans University, Department of Social Welfare, Korea

23	Title: Does mirtazapine interfere with diabetes treatment?
	Dukin Jon , Hallym University College of Medicine, Korea
24	Title: Food intake habits, a problem in University students in Mexico
	Priscilla Muñiz Mendoza , University of Guadalajara, Mexico
25	Title: A U-shaped association between body mass index and psychological distress on the multiphasic personality inventory: Retrospective cross-sectional analysis of 19-year-old men in Korea
	Jeong Seok Seo , Konkuk University, Korea
26	Title: Dairy consumption is associated with plasma triglycerides reduction and changes in body composition in overweight and obesity: A 12-week intervention study
	cLellan Katia Cristina Portero , UNESP, Brazil
27	Title: Dairy consumption is associated with plasma triglycerides reduction and changes in body composition in overweight and obesity: A 12-week intervention study
	Sloan Lance Alan , UNESP, Brazil
28	Title: What Factors affect disturbed eating attitudes and behaviors in Korean adolescents?
	Young-Eun Jung , Jeju National University, Korea
29	Title: Effects of Mirtazapine on Patients Undergoing Naturalistic Diabetes Treatment A Follow-Up Study Extended From 6 to 12 Months
	Eunsung Lim , Inje University and Paik Institute for Clinical Research, Korea
30	Title: Combination of zonisamide and weight reduction program in obese schizophrenic patients
	Jye Heon Song , Naju National Mental Hospital, Korea
31	Title: The nutritional study of laparoscopic Roux-en-Y gastric bypass surgery for type 2 diabetes mellitus patients with low BMI
	Ke Gong , Beijing Shijitan Hospital, China
32	Title: The nutritional study of laparoscopic Roux-en-Y gastric bypass surgery for type 2 diabetes mellitus patients with low BMI
	Nengwei Zhang , Beijing Shijitan Hospital, China
33	Title: The nutritional study of laparoscopic Roux-en-Y gastric bypass surgery for type 2 diabetes mellitus patients with low BMI
	Jirun Peng , Beijing Shijitan Hospital, China
34	Title: The association of Obesity and weight gain with lipid profile in men: 4 years follow up
	Shekoofeh Salamat , Arvand Petrochemical Company, Iran

35	Title: Excess of Adiposity and Muscular Fitness Affect Bone Health in Children and Adolescents from Colombia: The Fuprecol Study
	Carmen Flores Navarro Pérez , University of Catalonia, Spain
36	Title: Metabolic Syndrome and its Association with Birth Weight, Breast Feeding Duration, Maternal Smoking, and Maternal Obesity in Spanish Adolescents
	Carmen Flores Navarro Pérez , University of Catalonia, Spain
37	Title: Physicochemical characterization of ginger(Zingiber officinale Rosc.) extracts depending on high-pressure and enzyme processing parameter
	Aejin Choi , National Institute of Agricultural Science, Korea
38	Title: What Factors affect disturbed eating attitudes and behaviors in Korean adolescents?
	Kyung Joon Min , Jeju National University School of Medicine, Korea
39	Title: Preparation of schizandirin-rich fraction from Schisandrachinensis fruit
	SooMuk Cho , National Institute of Agricultural Science, Korea
40	Title: Vitamin K2 deficiency in children with inflammatory bowel disease and healthy controls with reference to their eating habits- pilot study
	Anna Stochel-Gaudyn , Jagiellonian University Medical College, Poland
41	Title: Development and evaluation of healthy menu plans aligned with the 2015-2020 Dietary Guidelines for Americans vs 2015 Mexican Guidelines
	Gary Sweeney , Nestle Research Center, Switzerland
42	Title: Evaluation of the nutritional quality of menu plans aligned with the 2015-2020 Dietary Guidelines for Americans vs 2015 Mexican Dietary Guidelines using the Nutrient Balance Concept
	Vanessa Campos , Nestle Research Center, Switzerland
43	Title: Evaluation of the nutritional status of students who are attending in nutrition-friendly school (NFS) and non-nutrition friendly (NNFS) school
	Hilal Betul Altintas , Gazi University, Turkey
44	Title: Apelin and Nutrient Intake Relation
	Hilal Betul Altintas , Gazi University, Turkey
45	Title: Assessment of MalnutritionInflammationScoreand Protein Intake in HemodialysisPatients
	Feray Gencer , Gazi University, Turkey
46	Title: The Evaluation of Malnutrition in HemodialysisPatients
	Feray Gencer , Gazi University, Turkey
47	Title: Polycystic Ovary Syndrome, Obesity and Diet
	Elif Celik , Gazi University, Turkey

48	Title: Relationship between Dietary Intake and Anthropometric Measurements in Adult Individuals
	Elif Celik , Gazi University, Turkey
49	Title: Dietary Inflammatory Index in Patients With Colorectal Cancer
	Gulsum Deveci , Gazi University, Turkey
50	Title: Effects of Whole Grain Rye on Metabolic Risk Markers and Appetite Regulation in Healthy Adults 11-14 h after Consumption
	Anne C Nilsson , Lund University, Sweden
51	Title: Psychosocial Determinants of Adherence to Diet and Quality of Life in Celiac Patients
	Ricardo Fueyo-Díaz , Universidad de Zaragoza, Spain
52	Title: Dietary Flavonoids of Spanish Youth: Intakes, Sources, and Association with the Mediterranean Diet
	Rowaadh Ahmed Bawaked , Hospital del Mar Medical Research Institute, Spain
53	Title: Quality and Antioxidant Properties of Muffin Added with Various Amount of 'Fuji' Apple Pomace Powder
	Young Kyung Kim , Chungbuk National University, Korea
54	Title: Optimization of Extraction Conditions for Bio-Active and Antioxidant Properties of Dutch Coffee using Response Surface Methodology
	Keum-Il Jang , Chungbuk National University, Korea
55	Title: Childhood Obesity: Let's Talk About The Father!
	Maria Soraia Pinto , University of Fortaleza, Brazil
56	Title: The Diet in Weight Loss in Obese Children
	Diana Munteanu , University of Medicine and Pharmacy, Republic of Moldova
57	Title: Aronia Melanocarpa Juice Decreases Body Mass Index and Diastolic Blood Pressure in Overweight Adults
	Biljana Pokimica , University of Belgrade, Serbia
58	Title: Healthier Foods and Physical Activity Beliefs among overweight University Students: Assessment of Social Support and Self-efficacy
	Habiba I. Ali , United Arab Emirates University, UAE
59	Title: Postprandial Metabolic Responses to a High-Fat Meal Improve After Substitution of Butter by Hass Avocado Oil: A Randomized Study in Healthy Mature Subjects
	Juscelino Tovar , University of Campinas, Brazil

60	Title: Adherence to Mediterranean Diet Assessed by PREDIMED as an indicator of Nutritional Intake among Adults
	Damla Dedebayraktar , Hacettepe University, Turkey
61	Title: The Role Of The Body Weight In The Renal Stone
	Mehmet Arif Icer , Gazi University, Turkey
62	Title: The Role Of Vitamin D Deficiency In Obesity
	Mehmet Arif Icer , Gazi University, Turkey
63	Title: The Importance of The Behavioral Modification in the Obesity Treatment
	Osman Bozkurt , Gazi University, Turkey
64	Title: Evaluation of the Sleep Quality, Sleep Duration and Resting Metabolic Rate: A Pilot Study
	Osman Bozkurt , Gazi University, Turkey
65	Title: Obesity and Antioxidant
	Ece Yalcın , Hacettepe University, Turkey
66	Title: Short-term consumption of hyperlipidic diet enhances serum lipid levels and NTS gene expression in rat offspring subjected to maternal protein undernutrition
	Aiany Cibelle Simões Alves , Universidade federal de Pernambuco, Brazil
67	Title: Inhibitory Effects of Embelin in the Early Stage of 3T3-L1 Preadipocyte Differentiation
	Yunu Jung , Kyung Hee University, Korea
68	Title: Acrylamide Induces Adipocyte Differentiation via the Mapks and AMPK Pathway in 3T3-L1 Preadipocytes
	Hee-Weon Lee , Yoon Hee Kim, Se Yeong Kim, Sungkyunkwan University, Korea
69	Title: Interferon-Alpha Inhibits Adipocyte Differentiation via JAK/STAT1 Signaling Pathway
	Hee-Weon Lee , Se Yeong Kim, Sukneung Pyo, Sungkyunkwan University, Korea
70	Title: Lobaric Acid Inhibits LPS-Induced Inflammation In RAW 264.7 Cells and Mouse Peritoneal Macrophages via Suppressing of MAPK/NF-Kb Pathway and NLRP Inflammasome Activation
	Hee-Weon Lee , Se Yeong Kim, Yoon Hee Kim, Sungkyunkwan University, Korea
71	Title: Immunostimulatory Effect of Theobromine via the Enhanced Production of Cytokines and MAPK Phosphorylation on RAW 264.7 Macrophages
	Hee-Weon Lee , Yoon Hee Kim, Yeon Jeong Jang, Sungkyunkwan University, Korea

72	Title: Role of Methyl 2-(4 -Methoxy-4 -Oxobutanamide) Benzoate from Jerusalem Artichoke on the Inflammatory Paracrine Loop Between Macrophages and Adipocytes
	Yeon Jeong Jang , Se Yeong Kim, Hee-Weon Lee, Sungkyunkwan University, Korea
73	Title: Double Burden of Malnutrition, Dietary Habits, and Sedentary Behaviors among Moroccan School Children (The Case of Beni Mellal-Khenifra Region)
	Ahmed Chetoui , Sultan Moulay Slimane University, Morocco
74	Title: Secoisolariciresinol – 4 – O – Methyl Ether (S4M) Inhibits Adipogenesis in 3T3-L1 Adipocytes
	JongWook Kang , Kyung Hee University, Republic of Korea
75	Title: Effects of Western Diet on Murinometrical and Biochemical Markers and On Metabolism Hepatic in Rat Offspring Subjected to Perinatal Protein Malnutrition
	Aiany Simões , Universidade federal de Pernambuco, Brazil
76	Title: The Inhibitory Effect of Allicin on Invasion and Migration of Breast Cancer Cell: Involvement of ERK1/2 and NF-Kb Pathways
	Yeon Jeong Jang , Yoon Hee Kim, Hee-Weon Lee, Sungkyunkwan University, Korea
77	Title: Factors Influencing the BMI of Fast Food Consumers: A Case of Mdanstane in the Eastern Cape Province, South Africa
	Pamela Matyolo , University of Fort Hare, South Africa
78	Title: Short-term consumption of hyperlipidic diet enhances serum lipid levels and NTS gene expression in rat offspring subjected to maternal protein undernutrition
	Aiany Simões , Federal University of Pernambuco, Brazil

Day 3
18 November 2017
Discussions and Networking over Lunch
Lunch: 13:00-15:00
Closing Ceremony