2nd International Conference on

Obesity & Chronic Diseases

July 6 - 8, 2017

Venue

Crowne Plaza Hotel - San Francisco Airport
1177 Airport Blvd.
Burlingame, CA, USA
WiFi Details:
Open browser/wifi and select CrownePlaza_GUEST. No password needed.
7:30-8:00  Registrations and Introduction to ICOCD-2017

**Keynote Session**

**Moderator:**  Reza Hakkak, University of Arkansas for Medical Sciences, USA

8:00-8:40  Obesity; Breast Cancer and Liver Steatosis Protection by Weight Loss
Reza Hakkak, University of Arkansas for Medical Sciences, USA

8:40-9:20  Weight Bias and Obesity Sensitivity for Healthcare Professionals
Colleen M Cook, Bariatric Support Center’s International, USA

9:20-10:00  Enhancing Micronutrient Density to Effectively Resolve Obesity, Food Addiction and Cravings
Joel Fuhrman, Nutritional Research Foundation, USA

10:00-10:15  Coffee Break

10:15-10:55  Workshop
Green to Lean
Jennifer Cassetta, Nutrition, Self Defense and Fitness Expert, USA

**Session on Childhood Obesity Treatment and Prevention**

**Chair:**  Jerome R Kolbo, The University of Southern Mississippi, USA

Jerome R Kolbo, The University of Southern Mississippi, USA

11:15-11:35  The Prevalence of Obesity in School Children and its Association with Dental Caries
Deema Farsi, King Abdulaziz University, Saudi Arabia

11:35-11:55  Stability and Changes in Feeding Cues and Quality of Mealtime Interaction: A Longitudinal Cross-cultural Study of British and Israeli Mothers and Infants
Netalie Shloim, University of Leeds, UK

11:55-12:15  Intervention in Maternal Perception of their Pre-school Child Weight with Overweight and Obesity in Mexican and Mexican-American Mothers
Yolanda Flores-Pena, The University Autonomus of Nuevo Leon, Mexico

Katie Isselmann DiSantis, Arcadia University, USA

12:35-12:55  Childhood Obesity Prevention through a Policy-based Randomized Controlled Physical Activity Intervention among Schools in China: The Health Legacy Project of the 2nd World Summer Youth Olympic Games
Fei Xu, Nanjing Municipal Center for Disease Control & Prevention, China

12:55-13:15  Endoplasmic Reticulum Stress and Nrf2 Signaling in Cardiovascular Disease, Diabetes and Obesity
Anna Fratta Pasini, University of Verona, Italy

13:15-14:00  Lunch
### Symposium on “Molecular Mechanisms of Obesity”  
**Location:** Plaza II & III

#### Chair:  
Nina Holland, University of California, Berkeley, USA

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
<th>Institution</th>
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<tr>
<td>14:00-14:30</td>
<td>Environment, Epigenetics, and Endocrinology</td>
<td>Mahua Chaudhury</td>
<td>Texas A&amp;M University, USA</td>
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<tr>
<td>14:30-15:00</td>
<td>Western Diet and Early Life Nutritional Modifications: Programming Obesity Epidemics?</td>
<td>Christopher Faulk</td>
<td>University of Minnesota, USA</td>
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<td>15:00-15:30</td>
<td>“Does Air Pollution Contribute to Obesity?”</td>
<td>John Balmes</td>
<td>University of California, San Francisco, USA</td>
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<td>15:30-16:00</td>
<td>Effects of Obesogens on Host-microbiome Function in the Gastrointestinal System: What Can We Learn from Zebrafish</td>
<td>Joseph Bisesi</td>
<td>University of Florida, USA</td>
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<td>16:00-16:30</td>
<td>Molecular Mechanisms of Obesity and Metabolic Disorders in Children with Prenatal Exposure to Endocrine Disruptors</td>
<td>Nina Holland</td>
<td>University of California, Berkeley, USA</td>
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<td>16:30-16:45</td>
<td>Networking Break</td>
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<td>16:30-17:30</td>
<td>Poster Presentation Session (See Annexure)</td>
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12:10-12:35  An Eating Disorder is an Eating Disorder??? Multidisciplinary Care for the Eating Disorder Patient with Comorbid Obesity  
Heather Fritz, Eating Recovery Center, USA

Ronald N Cortright, East Carolina University, USA

Muamer Dajdic, The Healthy Living, Canada

13:35-14:15  Lunch  
@ Peninsula Ball Room

14:15-16:55  Session on Chronic Diseases Linked with Obesity  
@ Plaza II

Chair:  Stepan Melnyk, University of Arkansas for Medical Sciences, USA

14:15-14:35  Corner Stores as Community-based Enterprises for Health Promotion  
Rachael Dombrowski, Wayne State University, USA

14:35-14:55  Effects of n-3 Polyunsaturated Fatty Acids Supplementation on Lipid Metabolism in Lewis Male Rats with Altered Thyroid Status  
Stanislav Pavelka, Czech Academy of Sciences, Czech Republic

14:55-15:15  Liver Metabolic Status in Obese Zucker Rat’s Model  
Stepan Melnyk, University of Arkansas for Medical Sciences, USA

15:15-15:35  Retinoid Dyshomeostasis and O-linked GlcNAcylation Cause RBP4 Overproduction in Obesity  
Shyi-Jang Shin, Kaohsiung Medical University, Taiwan

15:35-15:55  Adipokine Leptin Considerably Affects Metabolism of Thyroid Hormones in White Adipose Tissue  
Stanislav Pavelka, Czech Academy of Sciences, Czech Republic

15:55-16:15  Obesity and Multiple Chronic Disorders: Global Prevalence, Correlates and Temporal Trend  
Rajesh Kumar Gautam, Montclair State University, USA

16:15-16:35  Effect of Nutritional Counselling on Nutritional Status of Breast Cancer Patients: An Intervention Study  
Doaa A Saleh, Cairo University, Egypt

16:35-16:55  Transcription Factor IRX3 Inhibited in Central Nervous System (CNS) Propitiate Fat Mass and Obesity-associated Protein (FTO) Increases and Getting Worse Obesity  
Thiago Araujo, University of Campinas - UNICAMP, Brazil

14:15-17:50  Session on Chronic Diseases Linked with Obesity  
@ Plaza III

Chair:  Andrea Mario Pompeo Romani, Case Western Reserve University, USA

14:15-14:35  The Heart Protection Effect of Alcalase Potato Protein Hydrolysate in Aging Rats on High Fat Diets  
Peiying Pai, China Medical University, Taiwan

14:35-14:55  The Effect of Obesity After Smoking Cessation on Cardiovascular Risk Markers  
Koji Hasegawa, National Hospital Organization Kyoto Medical Center, Japan
14:55-15:15  Regular Exercise Reduces Endothelial Cortical Stiffness in Western Diet-fed Female Mice
James R Sowers, University of Missouri, USA

15:15-15:35  PilAm Go4Health: A Feasible and Effective mHealth Weight Loss Lifestyle Intervention for Filipinos with Type 2 Diabetes
Melinda Sarmiento Bender, University of California, USA

15:35-15:55  SACBE, an Educational Clinical Program for Children at Risk of Type 2 Diabetes and Their Families is Effective to Decrease Z-score of Body Mass Index and Revert Prediabetes
Ana Rodriguez-Ventura, Instituto Nacional De Perinatologia, Mexico

15:55-16:15  Function Preserving Metabolic Surgery for Non-obese Patients with Type 2 Diabetes
Kyung Yul Hur, Soonchunhyang University Seoul Hospital, Korea

16:15-16:30  Coffee Break  @ Foyer Area

16:30-16:50  Obesity As a Transgenerational Disease
Ronaldo Carvalho Araujo, Federal University of Sao Paulo, Brazil

16:50-17:10  The Healthy Weights Initiative
Mark Lemstra, Alliance Health Medical Clinics, Canada

17:10-17:30  Altered Insulin Signaling and Changes in Metabolism in Mg\(^{2+}\) Deficient Hepatocytes
Andrea Mario Pompeo Romani, Case Western Reserve University, USA

17:30-17:40  Impact of Eating Habits on Neurocognitive Processes and Decision Making during Food Choice Tests in Normal-weight Young Adults: A fMRI Pilot Study
Yentl Gautier, INSERM, France

17:40-17:50  Relationship between Common Dietary Polyphenols and Obesity-induced Inflammation
Lada Tucakovic, Griffith University, Australia

9:00-13:15  Session on Obesity Prevention and Control  @ Plaza II

**Chair:** Sankar Devarajan, University of Arkansas at Pine Bluff, USA

9:00-9:20  Multifaceted Community-based Intervention Reduces Rate of BMI Growth in Obese Mexican-origin Boys
Banafsheh Sadeghi, University of California, Davis, USA

9:20-9:40  Burden of Obesity and its Determinants Among an Indian Tribe: Results from a WHO STEPs Survey in the Sub-himalayan Region
Prakash Chand Negi, Indira Gandhi Medical College, India

9:40-10:00  Weight Loss after Gastric Bypass and Sleeve Gastrectomy: Outcome and Influences
John Sczepaniak, Sczepaniak Health and Medical Enterprises, USA

10:00-10:20  Four Pairs of Gene–gene Interactions Associated with Increased Risk for Type 2 Diabetes, Obesity and Hypertension in Chinese Women
Mary MY Waiy, The Chinese University of Hong Kong, China

10:20-10:40  Pharmacophore Modeling, Virtual Screening and Molecular Docking Approaches in the Identification of a Series of Benzimidazole and Quinozoline Analogs as Antihyperlipidemic, Antidiapogenic Agents through HMG–CoA Inhibition
Shradha Sinha, BBD NIIT, India
10:40-10:55 Coffee Break @ Foyer Area

10:55-11:15 Environmental and Policy Supports for Obesity Prevention: The Tulane Prevention Research Center
Carolyn Johnson, Tulane University, USA

11:15-11:35 SALTO – Community Oriented Childhood Obesity Prevention in the Kindergarten
Susanne Ring-Dimitriou, Paris Lodron-University of Salzburg, Austria

11:35-11:55 Design and Synthesis of Protein Tyrosine Phosphatase 1B Inhibitors as Potential Antidiabetic and Antiobesity Agents
Anil Kumar Saxena, Global Institute of Pharmaceutical Education and Research, India

11:55-12:15 Identification of Novel CCK2 Receptor Antagonists as Potential Antiulcerc Agents
Mridula Saxena, Amity University, India

12:15-12:35 Antiobesity Potential of Embelin in High Fat Diet-induced Obesity in Wistar Rats
Uma Bhandari, Hamdard University, India

12:35-12:55 Clinical Significance of Sesame Oil and Rice Bran Oil in Health and Diseases - New Insights for the Healthcare Professional
Sankar Devarajan, University of Arkansas at Pine Bluff, USA

12:55-13:15 Depot-specific Adipose Tissue Dysfunction Induced by Obesity and the Role of Fish Oil
Maria Isabel Cardoso Alonso Vale, Federal University of Sao Paulo, Brazil

13:15- Lunch & Departures
11:35-11:55  **Bile Acid Signaling Pathway in a Metabolic Disease**  
Mitsuhiro Watanabe, Keio University, Japan

11:55-12:15  **Protein-pacing Caloric-restriction Enhances Body Composition Similarly in Obese Men and Women during Weight Loss and Sustains Efficacy during Long-term Weight**  
Feng He, California State University, USA

12:15-12:35  **Achieving Weight Loss by Modulation of Gut Incretins and Gut Hormones upon Feeding Fructoligosaccharide (FOS) to Obese Bank Employees**  
Mini Sheth, The Maharaja Sayajirao University of Baroda, India

12:35-12:55  **Laparoscopic Roux Y Gastric Bypass as a Revisional Procedure - Results. Comparative Match Pair Study**  
Mohos Elemer, Territory Hospital Veszprem, Hungary

Tamer Saafan, Hamad Medical Corporation, Qatar

13:15-13:35  **Presentation of a Rare and Serious Sequela of Bariatric Surgery Tourism and Review of the Literature on a Growing and Alarming Phenomenon that is Raising Major Ethical Issues**  
Antonio Gangemi, University of Illinois, USA

13:35-13:55  **Clinical & Vitamin Response to a Short-term Multi-micronutrient Intervention in Brazilian Children & Teens: From Population Data to Inter-individual Responses**  
Jacqueline Pontes Monteiro, Universidade de São Paulo, Brazil

**13:55- Lunch & Departures**
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| P01      | D-lactate and Low Molecular AGEs are Elevated in Obese Adolescents: Evidence for Carbonyl Stress in Adolescent Obesity  
Alejandro Gugliucci, Touro University, USA |
| P02      | Feeding Schedule does not Play a Role on Energy Homeostasis in Rats  
Philip J Scarpace, University of Florida, USA  
Nihal Tumer, University of Florida, USA |
| P03      | The Functional State of the Vascular Wall and the Dynamics of Endotelial Nitric Oxide Synthase in Hypertensive Patients with Abdominal Obesity Based on use the Combination Antihypertensive Therapy  
Olha Pluzhnykova, Kharkiv National Medical University, Ukraine |
| P04      | The Impact of Neighborhood Crime on Childhood Weight Status Varies by Race/Ethnicity  
Hannah Lightcap, University of Delaware, USA |
| P05      | Impact of Modifiable Risk Factors in Escalation of Type 2 Diabetes and Related Complications in Asian Indian Population  
Jasvinder Singh Bhatti, Texas Tech University, USA |
| P06      | Association of Health Behavior, Fat Intake and Predicted Ten-year Risk for Developing Coronary Heart Disease using Framingham Risk Score in the 40-60s Korean Male  
Kyung Soo Kim, Catholic University Medical College, Korea  
Clara Lee, Catholic University Medical College, Korea |
| P07      | The Importance of Early Healthy Lifestyle Habits: Exploratory Data from Sicilian Mothers  
Teresa Buccheri, University of Messina, Italy |
| P08      | Role of Apelin in Transition from Cardiac Metabolic Adaptation to Maladaptation in Obesity  
Oksana Kunduzova, INSERM, France |
| P09      | Ownership and Utilization of Smartphone Technology for TLC among People with Schizophrenia  
Kyunghie Lee, Keimyung University, Korea |
| P10      | Histopathological Changes in Laparoscopic Sleeve Gastrectomy Specimens: Prevalence, Risk Factors, and Value of Routine Histopathologic Examination  
Tamer Saafan, Hamad Medical Corporation, Qatar |
| P11      | Sugar Sweetened Beverage Consumption in Elementary Schools Correlates with Free-reduced Lunch Eligibility Amongst Students: Preliminary Study Results  
Jacob Oberwetter, The University of Chicago Medical Center, USA |
| P12      | Implication of Childhood Obesity and High Pro-inflammatory Diets in South Carolinian Children: Survey and Data Stratification  
Shanora Brown, South Carolina State University, USA |
| P13      | Human Myxovirus resistance B (MxB) Functionality: Consequences of Obesity?  
Sydney Spry, South Carolina State University, USA |
| P14      | Analyzing the Role of High Pro-inflammatory Diets and Childhood Obesity in the Risk of Adult Carcinogenesis in South Carolinian Children  
Ashley Knowell, South Carolina State University, USA |
The Role of High-Fat Diets and Childhood Obesity on Chronic and Acute Pro-inflammatory Markers (ADP, CRP, IL1B, SAA1, and IL-12B) and the Risk of Adult Carcinogenesis in South Carolinian Children
O’Quan Cross, South Carolina State University, USA
Dejah Thomas, South Carolina State University, USA

Elderly Women: Prediction of the Lipid Profile, Inflammatory and Atherogenic by Comparing the Percentage of Body Fat and Body Mass Index
Silvana Schwerz Funghetto, University of Brazilia, Brazil

The Influence of Transcranial Direct Current Stimulation on Energy Homeostasis in Experimental Model of Obesity
Agata Ziomber, Jagiellonian University Medical College, Poland

Gut Microbiota in Obese Rats after Transcranial Direct Current Stimulation
Agata Ziomber, Jagiellonian University Medical College, Poland

DNA Methylation of Imprinted Genes in Mexican-American Newborn Children with Prenatal Exposure to Environmental Obesogens
Gwen Tindula, University of California, Berkeley, USA

Aster Yomena Suppresses COX-2 and iNOS Expression Induced by LPS
Hyung-Sun Youn, SoonChunHyang University, Korea

Overexpression of PGC-1α Increases Peroxisomal and Mitochondrial Fatty Acid Oxidation in Human Primary Myotubes
Ronald N Cortright, East Carolina University, USA

Anti-biofilm Efficacy of Friedelane-based Pentacyclic Triterpenoids in Fighting against Chronic Disease
Yong-Bin Eom, SoonChunHyang University, Korea

DHL-HisZn, a Novel Antioxidant, Enhances Insulin Sensitivity and Antioxidative Response in Adipose-derived Stem Cells-its Application to Liver Transplantation
Shigeru Goto, Kaohsiung Chang Gung Memorial Hospital, Taiwan

Total Energy Expenditure Measured by Doubly Labeled Water vs. Predictive Equations in Class III Obese Women
Michele Novaes Ravelli, FCFAR/UNESP, Brazil

The Influence of Bariatric Surgery on Body Composition and Total Energy Expenditure: Doubly Labeled Water Study
Michele Novaes Ravelli, FCFAR/UNESP, Brazil

Regulation of Lipid Metabolism by Leptin through SUMO Specific Protease 2 (SENP2) in Skeletal Muscle
Sung Soo Chung, Seoul National University Hospital, Korea

Efficacy of Healthy Weight Management Program for Low Income Overweight Thai Children
Mayurachat Kanyamee, Srinakharinwirot University, Thailand
P28  Insulin Resistance and Mitochondrial Dysfunction Induced by High-fat Diet is Partially Prevented by n-3 Polyunsaturated Fatty Acid Supplementation  
Sandro Massao Hirabara, Cruzeiro do Sul University, Brazil

P29  Obesity, Protein Energy Wasting and Dietary Intake in Chronic Hemodialysis Patients  
Mona Boaz, Ariel University, Israel

P30  YouHeaL: A Multi-level Empowerment Program to Train Minority Youth as Peer Health Educators to Address Obesity in South Los Angeles  
Kasra Behizad, University of Southern California, USA  
Artine Arzani, University of Southern California, USA  
Vadi Esmailizadeh, University of California, Los Angeles, USA

P31  Obesity in Preadolescent Children with EEG Signs of Functional Immaturity of Nonspecific Arousal Brainstem System Aggravates the Deterioration of Cognitive Outcomes  
Gaukhar Datkhabayeva, Kazakh Academy of Nutrition, Kazakhstan
We wish to meet you again at ICOCD-2018