4th International Conference on

Obesity and Chronic Diseases

July 01–03, 2019

Venue
Crowne Plaza Hotel
San Francisco Airport, 1177 Airport Blvd.,
Burlingame, CA 94010

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The event invitation code is: icola
Venue-Floor Plan
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<th>Time</th>
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<th>Speaker</th>
<th>Institution</th>
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<tr>
<td>07:30-07:50</td>
<td>Registration and Badge Pick-up</td>
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<tr>
<td>07:50-08:00</td>
<td>Welcome Note</td>
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<tr>
<td>08:00-08:45</td>
<td>Soy Protein Diet and Non-alcoholic Fatty Liver Protection; Role of Methylation and Oxidative Stress</td>
<td>Reza Hakkak</td>
<td>University of Arkansas for Medical Sciences, AR, USA</td>
</tr>
<tr>
<td>08:45-09:30</td>
<td>Metabolic Surgery: Successes, Yes... But There Are Also Adverse Events</td>
<td>Walter J Pories</td>
<td>East Carolina University, NC, USA</td>
</tr>
<tr>
<td>09:30-10:15</td>
<td>Obesity and Pregnancy: A Dangerous Duo</td>
<td>Jordan H Perlow</td>
<td>University of Arizona, AZ, USA</td>
</tr>
<tr>
<td>10:15-11:00</td>
<td>Keys to Lawsuit Prevention, Medical License Protection &amp; Tax Savings</td>
<td>Legally Mine</td>
<td>UT, USA</td>
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<tr>
<td>11:00-11:15</td>
<td>Coffee Break</td>
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<tr>
<td>11:15-12:05</td>
<td>Skeletal Muscle Lipid Dysregulation: A Tale of Two Organelles</td>
<td>Ronald N Cortright</td>
<td>East Carolina University, NC, USA</td>
</tr>
<tr>
<td>12:05-13:30</td>
<td>Advances in Nutritional Science to Live Healthfully Past 100</td>
<td>Joel Fuhrman</td>
<td>Nutritional Research Foundation, NJ, USA</td>
</tr>
<tr>
<td>13:30-14:15</td>
<td>Lunch</td>
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<tr>
<td>14:15-14:45</td>
<td>Obesity and Vitamin D Deficiency are Risk Factors in Chronic Disease</td>
<td>Afrozul Haq</td>
<td>Jamia Hamdard University, India</td>
</tr>
<tr>
<td>14:45-15:15</td>
<td>Understanding the Relationship of the Resolution Response to the Development of Obesity and Chronic Disease</td>
<td>Barry Sears</td>
<td>Inflammation Research Foundation, MA, USA</td>
</tr>
<tr>
<td>15:15-15:45</td>
<td>Gut Microbiome and Obesity</td>
<td>Hassan M Heshmati</td>
<td>Gelesis Inc., MA, USA</td>
</tr>
<tr>
<td>15:45-16:15</td>
<td>Weight Loss, Macronutrient/Nutrient Intakes and Healthy Eating Index of Dietary Intakes of Individuals in the POUNDS LOST Trial</td>
<td>Catherine M Champagne</td>
<td>Pennington Biomedical Research Center, LA, USA</td>
</tr>
<tr>
<td>16:15-16:30</td>
<td>Networking Break</td>
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</table>
16:30-17:00  Low-carb Diets in the Treatment of Obesity - History and Actual Situation  
Udo Rabast  
German Academy of Nutritional Medicine, Germany

17:00-17:30  Cellular Magnesium as a Regulator of Glucose Homeostasis and Insulin-Mediated Signaling and Cellular Metabolism  
Andrea M P Romani  
Case Western Reserve University, OH, USA

17:30-18:15 Poster Presentations  @ BAYSIDE ROOM

ICOCD P01  The Protective Effect of BC-1215 on Electronegative Lipoprotein-induced Epigenetic Silencing and Vascular Dysfunction in Metabolic Syndrome  
An-Sheng Lee  
Mackay Medical College, Taiwan

ICOCD P02  The Relationship of Total Hip and Knee Replacement and Use of DMARDs in Patients with Rheumatoid Arthritis  
Wei-Sheng Chung  
China Medical University, Taiwan

ICOCD P03  Risk of Acute Coronary Syndrome in the Middle-Aged and Older Patients with Osteoarthritis  
Wei-Sheng Chung  
China Medical University, Taiwan

ICOCD P04  Classification and Treatment of Obesity Disease in Cat  
Toshiro Arai  
Nippon Veterinary and Life Science University, Japan

ICOCD P05  Changes in Plasma Metabolites Concentrations in Healthy and Obese Dogs Supplemented with Astaxanthin  
Koh Kawasumi  
Nippon Veterinary and Life Science University, Japan

ICOCD P06  Assessment of the Decrease in Seated Hours in Obese People and People with Fibromyalgia  
Beatriz Rodriguez Roca  
University of Zaragoza, Spain

ICOCD P07  Prevalence of Vitamin D Deficiency and its Associated Factors in Three Regions of Saudi Arabia: A Cross-Sectional Study  
Bahaa Abaalkhail  
King Abdulaziz University, Saudi Arabia

ICOCD P08  Glucose and Insulin Response during OGTT in Subjects Consuming High-Fructose Corn Syrup, Sucrose, and Aspartame Sweetened Beverages for 2 Weeks  
Desiree Sigala  
UC Davis, CA, USA

ICOCD P09  Prevalence of Obesity and Overweight and Associated Factors among Financial Institution Workers in Accra Metropolis, Ghana: A Cross Sectional Study  
Prince Nii Ossah Addo  
University of Ghana, School of Public Health, Ghana

ICOCD P10  Anti-obesity Effects and Mechanisms of Cordycepin  
Xudong Tang  
Tsinghua University, China

ICOCD P11  Endothelial Nitric Oxide Gene Polymorphisms and the Risk of Metabolic Syndrome in General Population and Patients with Schizophrenia  
Nikolai Fattakhov  
The University of Tennessee Health Science Center, TN, USA
ICOCID P12  Regular Aerobic Exercise Improves Lipolysis and Cognitive Function in High-fat Diet Induced Obese Young Mice  
Ju Yong Bae  
Dong-A University, South Korea

ICOCID P13  Interactions between Gut Microbiota and Probiotic  
Metin Guldas  
Uludag University, Turkey

ICOCID P14  Assessing Causality between Childhood Obesity and Early Puberty: A Bidirectional Mendelian Randomization and Longitudinal Study  
Yungling Lee  
National Taiwan University, Taiwan

ICOCID P15  Pill-Packing Intervention on Medication Adherence and Health Outcomes Among Obese and High-Risk Patient Population  
George Simchun Yeung  
Ochsner Health System, LA, USA

ICOCID P16  Reduced miR-181d Level in Obesity and its Role in Lipid Metabolism via Regulation of ANGPTL3  
Jehad Abubaker  
Dasman Diabetes Institute, Kuwait

ICOCID P17  Protection of Dopaminergic Neuron in the Brain by Insulin: Potential Role Against Obesity  
Sung-Jin Kim  
Kyung Hee University, South Korea

ICOCID P18  Anticancer and Cardioprotective Properties of Beet Root Juice Involve Novel Protective Signaling Pathway Against Cardio Toxicity  
Shabina Rehman  
Virginia Commonwealth University, VA, USA
Keynote Session

08:00-08:45  Is There an Ideal Diet: Lessons from the POUNDS Lost Study
George Bray
Pennington Biomedical Research Center, LA, USA

08:45-09:30  The COCCI Syndemic and Residual Cardiovascular Risk
Michael Clearfield
Touro University, CA, USA

09:30-10:15  Body Weight Effect: Modern Pharmacotherapy in Type 2 Diabetes
Edita Stokić
University of Novi Sad, Serbia

10:15-11:00  A Metabolic Score to Aid the BMI-based Indications for Bariatric Surgery: Realistic or Wishful Thinking?
Antonio Gangemi
University of Illinois at Chicago, IL, USA

11:00-11:15 Coffee Break

Scientific Session 1
Childhood Obesity: Treatment and Prevention

Chairs: Hassan M Heshmati, Gelesis Inc., MA, USA
        Catherine M Champagne, Pennington Biomedical Research Center, LA, USA

11:15-11:35  A Two-generation (2GEN) Approach to Improving Children's Physical and Emotional Health to Reduce Overweight Problems
Marie Leiner
Texas Tech University Health Sciences Center, TX, USA

11:35-11:55  Weight Status among Children of Mexican Farmworkers: A View from the Central Coast
Eivis Qenani
California Polytechnic State University, CA, USA

11:55-12:20  Children's Awareness of Body Size and Weight: A Longitudinal Investigation
Tingting Xu
Stephen F. Austin State University, TX, USA
Jannah Nerren
Sam Houston State University, TX, USA

12:20-12:45  Moving a Multigenerational Employee Population towards Wellness through Shared Decision Making
Stacey Lane & Jeanette Bogdan
Yale New Haven Health System, CT, USA

12:45-13:15  Top 10 Lessons Learned from Project Healthy Schools
Jean DuRussel-Weston
University of Michigan, MI, USA

13:15-14:00 Lunch (Sponsored by Legally Mine, UT, USA)
Session by Legally Mine
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<th>Time</th>
<th>Session Title</th>
<th>Chair(s)</th>
<th>Location</th>
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<tbody>
<tr>
<td>14:00-14:20</td>
<td>Relationship between Sleep, Insulin, and Cortisol in Adolescents</td>
<td>Marilou Shreve</td>
<td>University of Arkansas, AR, USA</td>
</tr>
<tr>
<td>14:20-14:40</td>
<td><em>Helicobacter pylori</em>, Obesity and Asthma &amp; Allergy</td>
<td>Yunxia Lu</td>
<td>UC Irvine, CA, USA</td>
</tr>
<tr>
<td>14:40-15:00</td>
<td>Effects of DPA Supplementation on Tissue Phospholipid Composition in High Fat Fed Animals-A Lipidomics Approach</td>
<td>Gunveen Kaur</td>
<td>Deakin University, Australia</td>
</tr>
<tr>
<td>15:00-15:15</td>
<td>Characterization of Active Constituents in <em>Pyracantha fortuneana</em> Fruit Extract and Their Effects on Hyperlipidaemia, Obesity, Oxidative Stress in Rodents</td>
<td>Hang Xu</td>
<td>Huazhong University of Science and Technology, China</td>
</tr>
<tr>
<td>15:15-15:35</td>
<td>Prevalence and Risk Factors of Obstructive Sleep Apnea Syndrome in a Saudi Arabian Population</td>
<td>Bahaa Abaalkhail</td>
<td>King Abdulaziz University, Saudi Arabia</td>
</tr>
<tr>
<td>15:35-15:55</td>
<td>A Multi Analytical Approach to Evaluate the Association of 55 SNPs in 28 Genes with Obesity Risk in North Indian Adults</td>
<td>Neena Srivastava</td>
<td>King George's Medical University, India</td>
</tr>
<tr>
<td>15:55-16:15</td>
<td>Risk and Early Changes of Left Ventricular Structure and Function in Young Obesity</td>
<td>Sefri Noventi Sofia</td>
<td>Diponegoro University, Indonesia</td>
</tr>
<tr>
<td>16:15-16:30</td>
<td>Networking Break</td>
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<tr>
<td>16:30-16:50</td>
<td>Transition from Cardiometabolic Adaptation to Maladaptation in Obesity: Role of Apelin</td>
<td>Oksana Kunduzova</td>
<td>INSE, France</td>
</tr>
<tr>
<td>16:50-17:10</td>
<td>Expression of p27Kip1 in Obesity, Diabetes and Cancer: A Novel Signal Transduction Pathway</td>
<td>Isao Eto</td>
<td>University of Alabama at Birmingham, AL, USA</td>
</tr>
<tr>
<td>17:10-17:30</td>
<td>Adolescent Risk Factors and Incident Cancer of the Cervix in Midlife: A Nationwide Study of One Million Women</td>
<td>Lital Keinan Boker</td>
<td>University of Haifa, Israel</td>
</tr>
<tr>
<td>17:30-17:50</td>
<td>Identification of Series of Novel Benzimidazole Quinazolones as Antihyper Lipidemic and Antiadipogenic Agents through HMG-CoA Inhibition by using Molecular Approach</td>
<td>Shradha Sinha</td>
<td>BBDNITM, India</td>
</tr>
<tr>
<td>17:50-18:05</td>
<td>A Maternal High-Fat Diet Disrupted the One-Carbon Metabolic Process and the Methyltransfer Process in Offspring Male Mice during Non Alcoholic Fatty Liver Disease</td>
<td>Christian Lynch</td>
<td>Texas A&amp;M University, TX, USA</td>
</tr>
<tr>
<td>18:05-18:25</td>
<td>Psychological Symptoms is a Determinant of Body Mass Index among Patients with Musculoskeletal Pain: A Link to Vitamin D and Calcium</td>
<td>Khalid Al-Ani</td>
<td>Jordan University of Science and Technology, Jordan</td>
</tr>
</tbody>
</table>
### Break-Out 2

**Scientific Session 3**

**Chronic Diseases Linked to Obesity**

**@ BAYSIDE ROOM**

**Chairs:**  
Ronald N Cortright, East Carolina University, NC, USA  
Marie Leiner, Texas Tech University Health Sciences Center, TX, USA

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<th>Institution(s)</th>
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<tr>
<td>13:50-14:10</td>
<td>Academic-Community Partnership Development to Enhance Program Outcomes in Underserved Communities: A Case Study</td>
<td>Nick Harris</td>
<td>Dillard University, LA, USA</td>
</tr>
<tr>
<td>14:10-14:30</td>
<td>Social Support and its Impact on the Pregnant Woman Who is Obese</td>
<td>Mary Beth McCloud</td>
<td>Frostburg State University, MD, USA</td>
</tr>
<tr>
<td>14:30-14:50</td>
<td>Determining the Impact from Sugar Overconsumption in Overweight and Obese</td>
<td>Selena Bartlett</td>
<td>Queensland University of Technology, Australia</td>
</tr>
<tr>
<td>14:50-15:15</td>
<td>Food Insecurity: How You Can Help Your Patients</td>
<td>Shiv Patil &amp; Kay Craven</td>
<td>East Carolina University, NC, USA</td>
</tr>
<tr>
<td>15:15-15:35</td>
<td>Why Obesity Should Not Be Classified as a Disease</td>
<td>Richard Gunderman</td>
<td>Indiana University, IN, USA</td>
</tr>
<tr>
<td>15:35-16:15</td>
<td>How India Can Adapt the Learning from the National Diabetes Registry in Sweden?</td>
<td>Nimrat Kaur</td>
<td>National Institute of Transforming India, India</td>
</tr>
<tr>
<td>15:55-16:15</td>
<td>Networking Break</td>
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<tr>
<td>16:15-16:35</td>
<td>Background of Severe Obesity: A Case Control Study</td>
<td>Marja Koski</td>
<td>University of Helsinki, Finland</td>
</tr>
<tr>
<td>16:35-16:55</td>
<td>Linkage of Obesity with Pathological Hallmarks of Neurodegenerative Diseases</td>
<td>Suhail Rasool</td>
<td>UCSD Medical Center, CA, USA</td>
</tr>
<tr>
<td>16:55-17:15</td>
<td>Obesity as a Risk Factor for Acute Pancreatitis Patients</td>
<td>Jana Katuchova</td>
<td>Medical Faculty at Sarafik University, Slovakia</td>
</tr>
<tr>
<td>17:15-17:35</td>
<td>Suicide Risk of Chronic Diseases both Individually and in Pair: A Case-control Data Linkage Study in Korea</td>
<td>Myung Ki</td>
<td>Korea University, Korea</td>
</tr>
<tr>
<td>17:35-17:55</td>
<td>Non-alcoholic Fatty Liver Disease as an Additional Factor of Cardiovascular Risk in Patients with Hypertension Disease with Different Body Mass</td>
<td>Nataliia Kuzminova</td>
<td>Vinnitsa National Pirogov Memorial Medical University, Ukraine</td>
</tr>
<tr>
<td>17:55-18:15</td>
<td>Association of Obesity with Rapid Virological Response in Patients with Chronic Hepatitis C</td>
<td>Muhammad Kamran Hassan</td>
<td>Govt. Lady Reading Hospital, Pakistan</td>
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</table>
Scientific Session 4 | Weight Management | Obesity Prevention and Control | New Directions in Obesity Treatment

**Chairs:**
- Reza Hakkak, University of Arkansas for Medical Sciences, AR, USA
- Afrozul Haq, Jamia Hamdard University, India

**08:00-08:20**
**The Importance of Comparative Effectiveness Research in Determining the Cause of the Obesity Epidemic**
Ann Macapherson Sanchez
University of Puerto Rico, Mayaguez (Retired), Puerto Rico

**08:20-08:40**
**Multisectoral Lessons from Healthy Communities**
Amy DeLisio
Public Health Institute Center for Wellness and Nutrition, CA, USA

**08:40-09:00**
**Acute Care Surgery in Populations with Obesity: Does Bariatric/Minimally Invasive Surgical Training Impact Outcomes?**
Ruby Skinner
Kern Medical, CA, USA

**09:00-09:20**
**Sugammadex is Associated with Better Respiratory Recovery than Neostigmine Following Reversal of Anaesthesia-associated Neuromuscular Blockade in the Morbidly Obese Patients Following Elective Laparoscopic Surgery**
Ajit Kumar Kayal
St. Georges University Hospital, UK

**09:20-09:40**
**Effect of Long Lifestyle Modification for Prevention of Secondary Risk Factors of Coronary Artery Diseases in Patients Undergoing Coronary Artery Bypass Grafting**
Mukta Agrawal
University of Rajasthan, India

**09:40-10:00**
**Management of Late Complication of BPD by Revision**
M Kalid Mirza Gari
King Fahad University Hospital, Saudi Arabia

**10:00-10:15** Coffee Break

**10:15-10:35**
**Impact of Bio-active Phenolics on Medical Nutrition Therapy and Obesity**
Metin Guldas
Bursa Uludag University, Turkey

**10:35-10:55**
**Health Benefits of Kombucha Tea Enriched with Olive Leaf and Honey**
Ozan Gurbuz
Bursa Uludag University, Turkey

**10:55-11:05**
**Inverse Relationship between Body Mass Index and Mortality in Medical Intensive Care Patients**
Wei-Sheng Chung
China Medical University, Taiwan

**11:05-11:25**
**The Protective Effect of Physical Activity on NLRP3 Inflammasome-associated Vascular Dysfunction in Obese Mice**
Yoonjung Park
University of Houston, TX, USA

**11:45-** Lunch and Departures
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16 - 18 OCT 2019

CONFIRMED SPEAKERS

A/Prof Sebastien Bouret
Children’s Hospital, LA, United States

Prof Sharon Friel
Australian National University, Australia

Dr Sandra Galic
St Vincent's Institute, Australia

Dr David Katz
United States

A/Prof Sean McGee
Deakin University, Australia

Prof Anthony Okely
University of Wollongong, Australia

Professor Eran Segal
Weizmann Institute of Science Rehovot, Israel

Dr Yanchuan Shi
Garvan Institute of Medical Research, Australia

Dr Jean-Pierre Després
Université Laval, Canada

Dr Miguel Ángel Martínez-González
University of Navarra, Spain

Dr Robert Ross
Queen’s University, Canada

Dr Marja-Riitta Taskinen
University of Helsinki, Finland

Dr André Tchernof
Université Laval, Canada

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ICOCD-2020