

7th International
**OBESITY AND METABOLIC
DISORDERS RESEARCH CONFERENCE**

May 1-3, 2023 | Online
Pacific Daylight Time



Join Zoom Meeting

<https://us06web.zoom.us/j/83217916422?pwd=RUozWE1nalUwc1k5bEs3eEVxZzhhUT09>

Meeting ID: 832 1791 6422

Passcode: 114166

08:40-08:50 AV Check

08:50-09:00 Introduction and Opening Remarks

Keynote Talks (Each Talk 30 Minutes+10 Minutes Q&A)

Chair: Reza Hakkak, University of Arkansas for Medical Sciences, AR

09:00-09:40 **Obesity and Non-Alcoholic Fatty Liver Disease: Protective Effects of Soy Protein Diet**
Reza Hakkak, University of Arkansas for Medical Sciences, AR

09:40-10:20 **Obesity as a Major Risk Factor for All NCDs – Global Perspective**
Arun Chockalingam, University of Toronto, Canada

10:20-11:00 **Obesity as a New Therapeutic Target in Diabetes Therapy: How Successful Are We?**
Edita Stokic, University of Novi Sad, Serbia

11:00-11:20 Break

Session: Childhood and Adolescent Obesity

Chair: Anand Chockalingam, University of Missouri, MO

Featured Presentations (Each Talk 15 Minutes+5 Minutes Q&A)

11:20-11:40 **Should Childhood Obesity be Considered a Child Protection Issue?**
Peter Nelson, Sheffield Hallam University, United Kingdom

11:40-12:00 **Self-assessment and Self-perception of One's Body Mass in 18-year-old Girls**
Wojciech Palasz, Mediana/Medical University of Silesia in Katowice, Poland

Young Researchers Presentation (Each Talk 10 Minutes+5 Minutes Q&A)

12:00-12:15 **The Impact of Adipose Tissue Content on the Range of Motion of the Upper Limb among Children Aged 7-11 years**
Patrycja Paszek-Jemilianowicz, Medical University of Silesia in Katowice, Poland

Keynote Talks (Each Talk 30 Minutes+10 Minutes Q&A)

Chair: Anand Chockalingam, University of Missouri, MO

12:15-12:55 **Turning Obesity into the Opportunity for Improving Heart Disease Outcomes**
Anand Chockalingam, University of Missouri, MO

12:55-13:35 **The Hateful (or Grateful) 8: The Subcellular Pathologies that Belie Chronic Disease**
Robert H Lustig, University of California San Francisco, CA

13:35-14:15 **Behavioral Treatment of Obesity: Replacing False Hope with Health Promotion**
David M. Garner, Eating Attitudes LLC, CO

14:15-14:35 Break

Session: New Directions in Obesity Managements and Treatments Cancer and Obesity Link

Chair: **Prasoon Karra**, Dartmouth College, NH
Wen-Jun Shen, Stanford University, CA

Featured Presentations (Each Talk 15 Minutes+5 Minutes Q&A)

- 14:35-14:55 **Targeted Intervention with DHA to Reduce the Risk of Cardiovascular Disease and Infection**
Peter Zahradka, University of Manitoba, Canada
- 14:55-15:15 **A Collaborative Care Management Approach Results in Improved Weight Status and Chronic Disease Outcomes in an Employee Population**
Nicole Larizza, Yale New Haven Health, CT
- 15:15-15:35 **Chemerin Regulates Formation and Function of Brown Adipose Tissue**
Wen-Jun Shen, Stanford University, CA
- 15:35-15:55 **Metabolic Dysfunction and Obesity-related Cancers: Time to Look Beyond BMI?**
Prasoon Karra, Dartmouth College, NH
- 15:55-16:15 **Inhibition of PPAR γ by BZ26, a GW9662 Derivate, Attenuated Obesity-related Breast Cancer Progression by Inhibiting the Reprogramming of Mature Adipocytes into to Cancer Associate Adipocyte-like Cells**
Xiujing Feng, Shandong First Medical University, China
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- 16:15-16:35 **Break**

Young Researchers Presentations (Each Talk 10 Minutes+5 Minutes Q&A)

- 16:35-16:50 **Spleen and Vagus Nerve: Influences in Glucose Homeostasis During Hypothalamic Obesity**
Bruna Schumaker Siqueira, State University of West Parana, Brazil
- 16:50-17:05 **Impact of School Physical Activity Environment on Comorbid Obesity and Myopia in Children and Adolescents: Findings from a Chinese National Cohort Study**
Jiajia Dang, Peking University, China
- 17:05-17:20 **Novel Weight Loss Diet Attenuates Dietary-induced Obesity**
Xinli Yang, Capital Medical University, China
- 17:20-17:35 **The Effect of a Multifaceted Intervention on Dietary Quality in School Children and the Mediating Effect of Dietary Quality between Intervention and Changes in Adiposity Indicators**
Jinlang Lyu, Peking University, China
- 17:35-17:50 **The Effects of High Body Mass Index on Disease Burden across China and its Provinces, 2005-2018: A Population-based Study**
Yixin Tian, Peking Union Medical College & Chinese Academy of Medical Sciences, China
- 17:50-18:05 **The Relationship Between the Number of Pregnancies and Obesity**
Jie Lin, The Affiliated Hospital of Southwest Medical University, China

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**Session: Eating Disorders, Lifestyle and Other Factors
Genetic Epidemiology of Obesity**

Chair: **Edita Stokic**, University of Novi Sad, Serbia

Featured Presentations (Each Talk 15 Minutes+5 Minutes Q&A)

- 09:00-09:20 **Correlation of Phenotypic Features with Hormonal Levels in Polycystic Ovarian Syndrome**
Santhi Silambanan, Sri Ramachandra Institute of Higher Education and Research, India
- 09:20-09:40 **The Nutritional Status of Saudi Girls with and without Disordered Eating Behaviours**
Ahlam Badreldin El Shikieri, Taibah University, Saudi Arabia
- 09:40-10:00 **Fat and Pain Reduction in Lipolymphedema and Lipedema Using a Non-invasive Treatment of Compressive Microvibration**
Pier Antonio Bacci, Phlebology Medical Center Arezzo, Italy
- 10:00-10:20 **The Evolved Microbiome and the Infant Origin of Adult Disease**
David Smith, NoRCEL, United Kingdom

Session: Comorbidities Associated with Obesity

Chair: **Peter Zahradka**, University of Manitoba, Canada

Featured Presentations (Each Talk 15 Minutes+5 Minutes Q&A)

- 10:20-10:40 **Severe Obesity in Patients with ST-elevation Myocardial Infarctions: Temporal Trends and Impact on Short- and Long-term-prognosis**
Johannes Schmucker, Bremen Institute for Heart and Circulation Research, Germany
- 10:40-11:00 **Apelin-13 Concentration in Patients with Essential Hypertension, Extrasystole and Obesity**
Nataliia V. Kuzminova, National Pirogov Memorial Medical University, Ukraine
- 11:00-11:20 **Expression of p27Kip1 in Obesity, Type 2 Diabetes and Caloric Restriction**
Isao Eto, University of Alabama at Birmingham, AL

Young Researchers Presentation (Each Talk 10 Minutes+5 Minutes Q&A)

- 11:20-11:35 **Feasibility of concomitant Transoral Incisionless Fundoplication (cTIF) Procedure for Morbidly Obese Patients (BMI ≥ 35 kg/m2)**
Catherine Tran, Hoag Hospital Newport Beach, CA

11:35-11:55 Break

Keynote Talks (Each Talk 30 Minutes+10 Minutes Q&A)

Chair: Anand Chockalingam, University of Missouri, MO

11:55-12:35 **New Roles for Postmenopausal Estrogen in ER+ Breast Cancer in the Context of Obesity**
Joyce Slingerland, Georgetown University, Washington, D.C.

12:35-13:15 **Multi Organ Metabolic Improvements After Bariatric Surgery**
Rama Rao Ganga, University of Missouri, MO

13:15-13:35 Break

E-Poster Presentations (Each Poster 7 Minutes+3 Minutes Q&A)

Chair: Rama Rao Ganga, University of Missouri, MO

ORC-1 **Leptin Level in Patients with Coronary Heart Disease Depends on Body Weight**
Ivankova A., National Pirogov Memorial Medical University, Ukraine

ORC-2 **Changes in the Expression Level of microRNAs (miR-142 and miR-378) in Obese Patients and During Sibutramine Therapy**
Alina Babenko, Almazov National Medical Research Centre, Russian Federation

ORC-3 **Transoral Outlet Reduction: A Single Center Experience of Tackling Weight Regain After Roux-en-Y Gastric Bypass**
Smet Bart, AZ Delta, Belgium

ORC-4 **Mindfulness Intervention for Obesity in College Students**
Trisha Sundaram, Emory University, GA

ORC-5 **Impact of Concomitant Hiatal Hernia (HH) Repair and Transoral Incisionless Fundoplication (cTIF) Procedure in Patients with Morbid Obesity with Gastroesophageal Reflux Disease (GERD)**
Catherine Tran, Hoag Hospital Newport Beach, CA

ORC-6 **Educational Trajectories and Obesity among U.S. Adults: Evidence from the National Longitudinal Survey of Youth 1997**
Joanna Mackie, University of California Merced, CA

ORC-7 **How to Improve Social Connectivity among Adults Using Technology?**
Trisha Sundaram, Emory University, GA

ORC-8 **Enhancing Obesity Management in Primary Care Through a Nurse Practitioner Guided Weight Management Program**
Nkechi Onyegasi, University of South Alabama, AL

ORC-9 **Prediction of Child and Adolescent Weight Status by Machine Learning: A Population-based Study**
Hengyan LIU, The University of Hong Kong, Hong Kong

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Chair: Anand Chockalingam, University of Missouri, MO

14:00-14:40 **Emerging Field of CardioMetabolic Medicine for Cardiovascular Risk Reduction in Metabolic Disorders**

Khalid Sawalha, University of Missouri – Kansas City, MO

14:40-15:20 **Challenges in Cardiac Testing in Obesity**

Senthil Kumar, University of Missouri, MO

15:20-16:00 **Food Body Weight, and Reproductive Health**

Pandiyar Natarajan, Chettinad Academy of Research and Education, India

16:00-16:20 Break

**Session: Biomarkers in Obesity and Related Disorders
Other Aspects of Obesity**

Featured Presentations (Each Talk 15 Minutes+5 Minutes Q&A)

16:20-16:40 **Time-restricted Feeding Retains Muscle Function Through Activation of Purine Cycles and AMPK Signaling in Drosophila Obesity Models**

Girish C. Melkani, The University of Alabama at Birmingham, AL

16:40-17:00 **Discovery of Drug (Biomarker) Candidates for Specific Human Disease Based on Natural Products of Gut Microbes**

Feng-Biao Guo, Wuhan University, China

Young Researchers Presentations (Each Talk 10 Minutes+5 Minutes Q&A)

17:00-17:15 **Relationship Between Emotional Eating, Consumption of Hyperpalatable Energy-dense Foods, and Indicators of Nutritional Status: A Systematic Review**

Cristina Elizabeth Fuente González, Autonomous University of Queretaro, Mexico

17:15-17:30 **Obesity Increases the Risk for Upper Extremity Deep Vein Thrombosis and Pulmonary Embolism in Patients with Upper Extremity Central Venous Catheters**

Nicholas Druar, St. Mary's Hospital, CT

17:30-17:45 **Abdominal Obesity and its Determinants among Afghan Adults**

Sabera Sultana, The University of Tokyo, Japan

17:45-18:00 **How Social Media is Fuelling the Obesity Epidemic and What You Can Do About It?**

Inba Thiyagarajan, The Indian Public School, India



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