# Scientific Program

OMICS Group Conferences
Accelerating Scientific Discovery

## 3rd International Conference and Exhibition on
# Obesity & Weight Management

December 01-03, 2014 DoubleTree by Hilton Hotel San Francisco Airport, USA

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**"Organize your Events at OMICS Group Conferences"**

Proposals are invited for organizing Symposia/Workshops at OMICS Group Conferences or OMICS Group will sponsor small events at your universities in related areas under the title of your own. These proposals can be sent to respective conference mail ids or to *symposia@omicsonline.org*

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## Day 1 December 01, 2014

**08:00-09:00** Registrations

**Sierra-B Ballroom**

**09:00-09:25**

# Opening Ceremony

## Keynote Forum

**09:25-09:30** **Introduction**

**09:30-10:00** **Reza Hakkak**
University of Arkansas for Medical Sciences, USA

**10:00-10:30** **Anil K Mandal**
University of Florida, USA

**Coffee Break 10:30-10:45 @ Foyer**

**10:45-11:15** **Rajat Sethi**
California Health Sciences University, USA

**11:15-11:45** **Jenny E Gunton**
University of Sydney, Australia

**11:45-12:15** **M A L Fobi**
International Federation for Surgery of Obesity and Metabolic Disorders, USA

**Track 1: Basic Science and Obesity**
**Track 2: Childhood Obesity and its Lifelong Effects**
**Track 3: Health Risks Associated With Obesity**

**Session Chair: Reza Hakkak**, University of Arkansas for Medical Sciences, USA
**Session Co-Chair: Qiaozhu Su**, University of Nebraska-Lincoln, USA

**Session Introduction**

**12:15-12:35** **Mobilizing rural low-income communities to assess and improve the ecological environment to prevent childhood obesity**
**Paula Peters**, Kansas State University, USA

**12:35-12:55** **Obesity prevention behaviors among Asian Indian American adolescents: A pilot study**
**Annie Thomas**, Loyola University Chicago, USA

**12:55-13:15** **Metformin inhibits glucose production in hepatocytes by activating AMPK**
**Ling He**, Johns Hopkins University School of Medicine, USA

**Group Photo**

**Lunch Break 13:15-14:00 @ Tiburon-Sausalito**

**14:00-14:20** **In pregnancies with overweight/obese gestational diabetes: Basal-bolus insulin therapy reduces maternal excessive triglyceride rise**
**Pablo R Olmos**, Pontificia Universidad Católica de Chile, Chile

**14:20-14:40** **Obesity and adverse pregnancy outcomes: Results from Riyadh birth cohort study**
**Hayfaa Wahabi**, King Saud University, Saudi Arabia

**14:40-15:00** **Bromodomain-containing protein 7 (BRD7) and obesity**
**Sang Won Park**, Harvard Medical School, USA

**15:00-15:20** **Urine insulin values to motivate weight loss**
**Shilpa Tejpal**, University of Warwick, UK

**15:20-15:40** **21-day kickstart: Translating plant-based research into practical application**
**Zeeshan Ali**, Physicians Committee for Responsible Medicine, USA

**15:40-16:00** **Fat and drunk: The effect of obesity on mortality in patients with alcoholic hepatitis**
**Traci Murakami**, University of Arizona, USA

**16:00-16:20** **Sensory evaluation and nutritional composition of chocolate cake prepared with jackfruit (*Artocarpus Heterophyllus* L.) seed flour for weight and obesity management**
**John David**, SHIATS University, India

**Coffee Break 16:20-16:35 @ Foyer**

**16:35-16:55** **Comparison of the metabolic status for type 2 diabetics and hypertensive diabetics**
**Ines Gouaref**, Etablissement Public Hospital El Biar (eg. Birtraria), Algeria

**16:55-17:15** **Higher resting metabolic rate linked to systolic hypertension in obese subjects with the metabolic syndrome**
**Brurya Tal**, Tel Aviv Medical Center, Israel

**17:15-17:35** **If you are obese, you have dysfunctional adipose tissue and vitamin D deficiency? You have 3D?**
**Edita Stokić**, University of Novi Sad, Serbia

**17:35-17:55** **Assessment of school policies and environment in promoting physical activity and nutrition toward prevention of non-communicable diseases among school age children in Moshi municipality, Tanzania**
**Mary V Mosha**, Kilimanjaro Christian Medical University College, Tanzania

**17:55-18:15** **Ghrelin receptor mediates HFCS-induced adipose inflammation and insulin resistance**
**Yuxiang Sun**, Baylor College of Medicine, USA

**18:15-18:35** **Chronic carbon monoxide treatment attenuates development of obesity and remodels adipocytes in mice fed a high-fat diet**
**Abdulhadi A AlAmoudi**, University of Mississippi Medical center, USA

**13:00-15:00** **Poster Presentations @ Redwood-Sequoia**

**18:35-19:30** Cocktails sponsored by **Journal of Obesity & Weight Management @ Tiburon-Sausalito**

## Day 2 December 02, 2014

**Sierra-B Ballroom**

**09:00-10:30** **Workshop on**
**Obese families have good reasons for being obese. Health professionals need to have good reasons to change that**
**Ywonne Peterson,** TMK Konsult, Sweden

**Coffee Break 10:30-10:45 @ Foyer**

## Keynote Forum

**10:45-11:30** **Moise Bendayan**
University of Montreal, Canada

**11:30-12:00** **Yoonjung Park**
University of Houston, USA

**Track 4: Nutrition and Healthy Diet**
**Track 5: Endocrinology and its Effects**
**Track 6: Surgical and Non-surgical Treatments of Obesity**

**Session Chair: Anil K Mandal,** University of Florida, USA
**Session Co-Chair: Sang Won Park,** Harvard Medical School, USA

**Session Introduction**

**12:00-12:20** **Changes in liver metabolism in $Mg^{2+}$ deficiency: Implications for NAFLD and metabolic syndrome**
**Andrea Romani,** Case Western Reserve University, USA

**12:20-12:40** **Lipogenic diet-induced alteration of microRNAs in hepatic stress signaling: Implications for hepatic lipoprotein metabolism and insulin resistance**
**Qiaozhu Su,** University of Nebraska-Lincoln, USA

**12:40-13:00** **The effect of dietary food patterns on adiposity and cardiometabolic risks in growing adolescents -A finding from a population-based study in Malaysia**
**Leng Huat Foo,** Universiti Sains Malaysia, Malaysia

**13:00-13:20** **Exposure to artificial light at night (ALAN) -Metabolic responses including obesity and diabetes**
**Abraham Haim,** University of Haifa, Israel

**Lunch Break 13:20-14:05 @ Tiburon-Sausalito**

**14:05-14:25** **Role of adipokines in immune-mediated disorders of central nervous system including multiple sclerosis**
**Ema Kantorova,** Comenius University, Slovakia

**14:25-14:45** **Contributions to excessive gestational weight gain among African American women**
**Sara Edwards,** Emory University, USA

**14:45-15:05** **Bone mineral density and body weight in Hepatitis C chronic liver disease patients**
**Amin Roshidy Soliman,** Cairo University, Egypt

**15:05-15:25** **Why did we not be able to halve the concomitant pandemics of obesity, diabetes and coronary heart disease?**
**Jose Mario F de Oliveira,** Universidade Federal Fluminense, Brazil

**15:25-15:45** **Metabolic syndrome: Risk factors and predictors among adults in Saudi Arabia**
**Naji J Aljohani,** King Saud bin Abdulaziz University for Health Sciences, Saudi Arabia

**15:45-16:05** **Defense of increased body weight against caloric restriction in diet-induced obesity: the role of relaxin-3**
**Elena Timofeeva,** Laval University, Canada

**16:05-16:25** **The independent effects of maternal obesity and gestational diabetes on the pregnancy outcomes**
**Hayfaa Wahabi,** King Saud University, Saudi Arabia

**Coffee Break 16:25-16:40 @ Foyer**

**16:40-17:00** **Eating for a vibrant Life℠ -Empowering obese patients to reverse their condition through an evidence-based intensive lifestyle intervention**
**Andrea Bloom,** ConnectWell, USA

**17:00-17:20** **Prevalence of obesity among university employees and their families in Saudi Arabia**
**Rasmieh Alzeidan,** King Saud University, Saudi Arabia

**17:20-17:40** ***Momodica charantia* improves hyperglycemia and left ventricular histology of streptozotocin-induced diabetic Wistar rats**
**O A Komolafe,** University of Kwazulu-Natal, South Africa.

**17:40-18:00** **Association of gestational diabetes and obesity during pregnancy**
**Arpita Chakraborty,** Institute of Postgraduate Medical Education and Research, India

**18:00-18:20** **Roux-en-Y gastric bypass decreases pro-inflammatory and thrombotic biomarkers in individuals with extreme obesity**
**Bárbara Dal Molin Netto,** Federal University of São Paulo (UNIFESP), Brazil

**18:20-18:40** **Waist cut-off values to predict diabetes mellitus type 2 and hypertension risk in Arab adults**
**Naji J Aljohani,** King Saud bin Abdulaziz University for Health Sciences, Saudi Arabia

**18:40-19:40** Cocktails sponsored by **Journal of Nutritional Disorders & Therapy @ Tiburon-Sausalito**

## Day 3 December 03, 2014

**Sierra-B Ballroom**

**Track 7: Steroids and Hormones in Obesity**
**Track 8: Clinical Research and Interventions**
**Track 9: Current Research Trends in Obesity**
**Track 10: Frontier of Endocrinology & Metabolism**

**Session Chair: Edita Stokic,** University of Novi Sad, Serbia
**Session Co-Chair: Annie Thomas,** Loyola University Chicago, USA

**Session Introduction**

**09:00-09:20** **Anthropometric indicators for assessing health risk of obesity in native American adolescents and exploratory data analysis**
**Shasha Zheng,** California Baptist University, USA

**09:20-09:40** **Comparison of high protein vs high carbohydrate diets on weight loss, cardiovascular factors, incretins and satiety**
**Frankie Stentz,** University of Tennessee Health Science, USA

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| 09:40-10:00 | **Endocannabinoid control of gut-brain hunger signaling**<br>**Nicholas V Di Patrizio**, University of California, USA |
| 10:00-10:20 | **Epigenetic regulation of IGF-IGFR Signaling by H19 non-coding RNA in adult stem cells**<br>**Linheng Li**, University of Kansas Medical Center, USA |
| 10:20-10:40 | **Metabolic syndrome among university employees and their families in Saudi Arabia**<br>**Rasmieh Alzeidan**, King Saud University, Saudi Arabia |
| | **Coffee Break 10:40-10:55 @ Foyer** |
| 10:55-11:15 | **Estimating the distribution of usual intake of nutrients via asymmetric models**<br>**José Eduardo Corrente**, University of São Paulo, Brazil |
| 11:15-11:35 | **Does poor nutrition affect the overweight or obesity prerequisites for physical load in children?**<br>**Václav Bunc**, Faculty of Physical Education and Sport, Czech Republic |
| 11:35-11:55 | **Genome-wide expression analysis in hypothalamus of obese mice fed a high fat diet**<br>**Margarita C Curras-Collazo**, University of California, USA |
| 11:55-12:15 | **Overview of pediatric obesity management**<br>**Ann O Scheimann**, Johns Hopkins School of Medicine, USA |
| 12:15-12:35 | **Fructose vs. fat: Which is worse?**<br>**Poonamjot Deol**, University of California, USA |
| | **Lunch Break 12:35-13:20 @ Tiburon-Sausalito** |
| 13:20-13:40 | **Role of pattern recognition receptors and inflammatory mediators following gut microbiota alteration in high sugar diet mediated type 2 diabetes**<br>**Bhumika Prajapati**, Nirma University, India |
| 13:40-14:00 | **Sleep deprivation or sleep disorder lead to obesity**<br>**Kolsoom Parvaneh**, Universiti Putra Malaysia, Malaysia |
| 14:00-14:20 | **Dyslipidemia and dysglycemia in non-human primates**<br>**Yong-Fu Xiao**, Crown Bioscience Inc., China |
| 14:20-14:40 | **Preventive effects of fangfengtongsheng pill on obesity through energy consumption and anti-inflammatory effect**<br>**Yingying Chen**, China Pharmaceutical University, China |
| 14:40-15:00 | **Physics and chemical links of obesity to human diseases: The role of hyperbarism**<br>**Andy Zhang**, Soochow University, China |
| 15:00-15:20 | **Immunohistochemical effects of aqueous extract of *Xylopia aethiopica* leaf on the stomach in Streptozotocin-Induced diabetic rats**<br>**David Ofusori**, University of KwaZulu-Natal, South Africa |
| 15:20-15:40 | **Demographic data and BMI associated with serum total cholesterol in Sudanese population**<br>**Nour Eldaim E Elbadawi**, Alneelain University, Sudan |
| 15:40-16:00 | **Pharmacotherapy for weight loss**<br>**Omar Safouh Abbas**, Physicians Committee for Responsible Medicine, Saudi Arabia |
| | **Coffee Break 16:00-16:15 @ Foyer** |
| 16:15-16:35 | **Correlation between skipping of breakfast, late night dinner with depression & obesity in woman**<br>**Ushakiran Sisodia**, Dr. Balabhai Nanavati Hospital, India |
| 16:35-16:55 | **Cardio-respiratory fitness of national level teenage swimmers in Sri Lanka**<br>**Suranga Dassanayake**, University of Colombo, Sri Lanka |
| 16:55-17:15 | **Accuracy of the weight-for-age index in identifying obese children in the emergency setting**<br>**Ruby Reetika Tripathi**, University of Toronto, Canada |
| 17:15-17:35 | **Cardiac proteome alterations induced by diabetic oxidative stress on in OLETF rats**<br>**Abdelbary Prince**, Cairo University, Egypt |
| 17:35-17:55 | **Behavioural and electrophysiological responses to visual food cues: Differences in obese, overweight and normal weight women**<br>**David John Hume**, University of Cape Town, South Africa |
| 17:55-18:15 | **Randomised controlled trial of guna based diet intervention to reduce risk factors for childhood obesity**<br>**Neha Sharna**, Mittal Hospital, India |
| 18:15-18:35 | **Laparoscopic sleeve gastrectomy following removal of intragastric balloon on the same time, is it feasible?**<br>**Naif AlEnazi**, Prince Mohammed bin Abdulaziz Hospital, Saudi Arabia |
| | **Closing Ceremony** |

## Bookmark your dates

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# 4th International Conference and Exhibition on Obesity and Weight Management

**December 07-09, 2015 Atlanta, USA**




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