“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

OMICS Group Conferences
5716 Corsa Ave., Suite 110, Westlake Los Angeles, CA 91362-7354, USA
Phone: +1-650-268-9744, Fax: +1-650-618-1414, Toll free: +1-800-216-6499
Email: endocrinology2014@omicsgroup.us
### Keynote Forum

**09:30-09:35** Introduction  
**S Stoney Simons Jr**  
National Institutes of Health, USA

**09:35-10:00**  
**Anil K Mandal**  
University of Florida, USA

**10:00-10:25**  
**Anthony Norman**  
University of California-Riverside, USA

#### Track 1: General Endocrinology

**Session Chair:** Victor Chaban, Charles R Drew University of Medicine and Science, USA  
**Session Co-Chair:** Alexander V Sirotkin, Institute of Animal Genetics & Reproduction, Slovakia

#### Session Introduction

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
</tr>
</thead>
</table>
| 11:10-11:30 | Estrogen modulation of visceral nociception  
*Victor Chaban*, Charles R Drew University of Medicine and Science, USA |
| 11:30-11:50 | Progesterone in the treatment of ischemic stroke  
*Fahim Atif*, Emory University, USA |
| 11:50-12:10 | Silencing growth hormone receptor inhibits pancreatic ductal adenocarcinoma growth and metastasis  
*Rajkumar Lakshmanaswamy*, Texas Tech University Health Sciences Center, USA |
| 12:10-12:30 | Developing long acting agonists and antagonists of glycoprotein hormones using gene fusion and gene transfer: From bench to clinic  
*Fuad Fares*, University of Haifa, Israel |
| 12:30-12:50 | New hormonal and intracellular regulators of female reproduction  
*Alexander V Sirotkin*, Institute of Animal Genetics & Reproduction, Slovakia |

#### Lunch Break 12:50-13:30 @ Monaco Grand Ballroom

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
</tr>
</thead>
</table>
| 13:30-13:50 | Developing brain as an endocrine organ: A paradoxical reality  
*Michael V Ugrumov*, Institute of Developmental Biology, Russia |
| 13:50-14:10 | Novel findings on the functions of non-visual G Protein-coupled Receptor Kinases (GRKs): Their marked inhibitory effect on Adrenomedullin type 1 receptor signaling  
*Kenji Kuwasako*, University of Miyazaki, Japan |
| 14:10-14:30 | Low levels of pesticides disrupt the pituitary- Gonadal hormone functions and reproductive functions in male rodent model  
*John Arnold D’Souza*, University Malaysia Sabah, Malaysia |
| 14:30-14:50 | Epidermal Growth Factor (EGF) promotes ovarian steroidogenesis and Epidermal Growth Factor Receptor (EGFR) signaling is required for Gonadotropin-induced steroid production in common carp, Cyprinus carpio  
*Dilip Mukherjee*, University of Kalyani, India |
| 14:50-15:10 | From Melanopsins to clock genes: Hormone regulation and signal transduction  
*Maria Nathalia C M Moares*, University of Sao Paulo, Brazil |

#### Panel Discussion

**Session Chair:** Anil K Mandal, University of Florida, USA  
**Session Co-Chair:** Kiran Kalia, Sardar Patel University, India

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
</tr>
</thead>
</table>
| 15:10-15:30 | Molecular mechanisms underlying insulin resistance in skeletal muscle during catch-up growth  
*Juan Zheng*, Texas A&M University, USA |
| 15:30-15:50 | The complexities and priorities for the treatment of older diabetics  
*Jose Mario F de Oliveira*, Universidade Federal Fluminense, Brazil |
The efficacy of natural honey in the management of chronic diabetic foot ulcers
Hashim Mohamed, Weill Cornell Medical College, Qatar
Serum Glycoprotein (YKL-40) and high sensitivity C-reactive protein in Type 2 diabetic patients in relation to cardiovascular complications
Hoda El-Attar, University of Alexandria, Egypt
Signaling mechanisms of a water soluble curcumin derivative in experimental Type 1 diabetes with cardiomyopathy
Rania Elsayed Hussein, Cairo University, Egypt
Incretin based Therapies in type 2 diabetes
Mukhyaprana Manuru Prabhu, Manipal University, India
Universal screening and timely intervention in Gestational Diabetes Mellitus: A key to successful feto-maternal outcome
Prasanta Kumar Nayak, All India Institute of Medical Sciences, India
Efficacy of urinary n-acetyl β-D-Glucosaminidase in detecting renal tubular damage: An early consequence in Type 2 Diabetes Mellitus leading to Diabetic Nephropathy
Kiran Kalia, Sardar Patel University, India
The protective effect of resveratrol on islet insulin secretion and morphology in mice on a high-fat diet
Jiaoyue Zhang, Union Hospital, China

Berlin

Track 3: Neuro Endocrinology
Track 4: Challenges of Endocrinology

Session Chair: Peter Zahradka, University of Manitoba, Canada
Session Co-Chair: Jan Tuckermann, University of Ulm, Germany

Effects of age and serum 25OH Vitamin D on serum parathyroid hormone levels
Andre A Valcour, Center for Esoteric Testing, USA
An old argument with a new paradigm
Thomas Thekkumkara, Texas Tech University, USA
Endothelin signaling and actions in renal mesangium
Andrey Sorokin, Medical College of Wisconsin, USA
Correlation between serum Vitamin-D level and cardiovascular risk factors among postmenopausal women
Subarna Mitra, All India Institute of Medical Sciences, India
Molecular pathways involved in prolactin-dependent JAK2/PAK1 action: implication in breast cancer cell motility and invasion
Maria Diakonova, University of Toledo, USA
VIP/VPAC axis plays an immunomodulatory role in a murine model of Aspergillus fumigatus-induced allergic asthma
Amali E Samarasinghe, University of Tennessee, USA

Lunch Break 13:10-13:50 @ Monaco Grand Ballroom

Growth hormone and glucocorticoid-induced JAK2-STAT5-GR signalling for liver function, liver carcinoma development and control of peripheral lipolysis
Richard H Mariggi, Ludwig Boltzmann Institute for Cancer Research, Austria
Consumption of non-soy legumes improves vascular function by altering the mechanical properties of arteries
Peter Zahradka, University of Manitoba, Canada
Abiraterone inhibits CYP3A4-mediated inactivation of 1α, 25-dihydroxyvitamin D3 in human liver and intestine
Subrata Deb, Vancouver General Hospital, Canada
Novel mechanisms of the glucocorticoid receptor in inflammatory bone disease, bone loss and insulin resistance
Jan Tuckermann, University of Ulm, Germany
The 5-HT7 receptor: A key mechanism of endocrine dysregulation in stress-related disorders?
Jose A Terron, CINVESTAV-IPN, Mexico
Melatonin receptors: Molecular and functional considerations
Jean A Boutin, Institut de Recherches SERVIER, France

Coffee Break 15:50-16:10 @ Prefunction Space

Neuroinflammation is regulated by angiotensin-related drugs: Possible implications for neurodegenerative disease
Sigal Fleisher-Berkovich, Ben-Gurion University of the Negev, Israel
Receptor ligands as targets and targeting agents for novel therapeutics
R Claudio Aguilar, Purdue University, USA
Challenging GWAS discoveries by locus refining and stratification of population by anthropological lineages
Florin Grigorescu, University of Montpellier, France
Neuroendocrine control of hydromineral balance: Participation of estradiol and its interaction with corticosterone
Gislaíne de Almeida Pereira, University of Sao Paulo, Brazil
X-XXXX- Orexin neuron induction through epigenetics and hexosamine biosynthesis pathway in human and mouse pluripotent stem cells
Kunio Shiota, The University of Tokyo, Japan
17:50-18:10 Emerging role of Neuropeptide Y (NPY) in anuran adaptation to environmental stress
Bhargava Shobha, University of Pune, India

18:30-19:30 Cocktails Sponsored by Endocrinology & Metabolic Syndrome @ Athens

Day 2 October 21, 2014
Versailles - A

Keynote Forum

09:00-09:05 Introduction

09:05-09:30 Keonie Moore
ReMed Natural Medicine Clinic, Australia

09:30-09:55 Thomas J Sebo
Mayo Clinic, USA

09:55-10:20 Ngoc-Anh Le
Biomarker Core Laboratory, USA

Coffee Break 10:20-10:40 @ Versailles Foyer

10:20-12:20 Poster Presentations @ Versailles Foyer
Track 7: Reproductive Endocrinology
Session Chair: Daniel A Rappolee, Wayne State University School of Medicine, USA
Session Co-Chair: Tomislav Vladic, Stockholm University, Sweden

11:00-11:20 Several reproductive stressors induce stress enzyme-mediated differentiation of placental trophoblast stem cells to produce hormones of early but not later placental lineages
Daniel A Rappolee, Wayne State University School of Medicine, USA

11:20-11:40 Serum, seminal fluid and testicular tissue testosterone in infertility and sexual disorders in man
Mohamed Saad Hamed Mahmoud, Ain Shams University, Egypt

11:40-12:00 Artificial sperm selection and cryptic male choice: What have fish and human taught us?
Tomislav Vladic, Stockholm University, Sweden

12:00-12:20 Additional treatment with natural progesterone prolongs gestation in women with preterm labour
Ylva Vladic Stjernholm, Karolinska University Hospital, Sweden

Lunch Break 12:40-13:20 @ Monaco Grand Ballroom

Levente Sara, Semmelweis University, Hungary

13:40-14:00 Atypical cells in the ascitic fluid of women with ovarian hyperstimulation syndrome: Follow up and assessment of malignancy
Balint Farkas, University of Pecs, Hungary

14:00-14:20 "Lipid" nuclear receptors in male fertility
David H Volle, Clermont Universite, France

14:20-14:40 Restoring maternal nutrition to recommended levels at midgestation in previously nutrient restricted ewes improves nutrient transport across the placenta
Yan Ma, University of Wyoming, USA

14:40-15:00 Low Androgen Action at a critical time-point in the neonatal period down-regulates biomarkers for smooth muscle cell differentiation leading to permanent infertility
Lilian Okumu, Tuskegee University, USA

15:00-15:20 Defining hirsutism in Chinese women: A cross-sectional study
Xiaomiao Zhao, Sun Yat-Sen University, China

Coffee Break 15:40-16:00 @ Versailles Foyer

16:00-16:20 Isolation, characterization and functional properties of extravillous cytotrophoblast cells from term placental basal plate
Alexandre Urban Borbely, Alagoas Federal University, Brazil

16:20-16:40 Assisted reproductive technology enhances the risk of pulmonary inflammation related to the aberrant expression of INSIG-SCAP-SREBP in the elder mice
Fang Le, Zhejiang University, China

16:40-17:00 Successful pregnancy by transmyometrial embryo transfer after IVF in a patient with Congenital Cervical Dysgenesis
Dania Al-Jaroudi, Women's Specialized Hospital, Saudi Arabia

17:00-17:20 Latent genital tuberculosis adversely affects ovarian reserve in infertile women
Padma Rekha Jirge, Sushrut Assisted Conception Clinic and Research Centre, India

17:20-17:40 Co-existence of endocrine-autoimmune disorders with auto-immune-rheumatoid disorders; Description of the clinical features and auto-antibodies seen in a set of patients at a tertiary care super-specialty hospital seen over a period of ten years
Sundeep Upadhyaya, National Boards of the Apollo Group of Hospitals, India
17:40-18:00 Steroidogenic genes during early sex differentiation of gonads in *Xenopus laevis*
Michihiko Ito, Kitasato University, Japan

Panel Discussion

**Berlin**

Track 5: Current Advances in Endocrinology & Metabolism
Track 6: Thyroid Gland and its Disorders

Session Chair: Jerzy Adamski, German Research Center for Environmental Health, Germany
Session Co-Chair: Jennifer W Hill, University of Toledo, USA

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:20-11:40</td>
<td>TSH receptor small molecule &quot;drug-like&quot; antagonents</td>
<td>Susanne Neumann</td>
<td>National Institutes of Health, USA</td>
</tr>
<tr>
<td>11:40-12:00</td>
<td>Increased cortisol production through the H6PD/11- 11β-HSD1 machinery in Mg2+-deficient liver cells</td>
<td>Andrea Romani</td>
<td>Case Western Reserve University, USA</td>
</tr>
<tr>
<td>12:00-12:20</td>
<td>Cardioprotective and disease preventive effects of traditional and novel green leafy vegetables</td>
<td>Melissa Johnson</td>
<td>Tuskegee University, USA</td>
</tr>
<tr>
<td>12:20-12:40</td>
<td>Disrupted melanocortin signaling may cause erectile dysfunction and loss of libido accompanying metabolic syndrome</td>
<td>Jennifer W Hill</td>
<td>University of Toledo, USA</td>
</tr>
<tr>
<td>12:40-13:00</td>
<td>Zebrafish 20 11β-hydroxysteroid dehydrogenase Type 2 is important for glucocorticoid catabolism in stress response</td>
<td>Jerzy Adamski</td>
<td>Helmholtz Zentrum München, Germany</td>
</tr>
</tbody>
</table>

Lunch Break 13:00-13:40 @ Monaco Grand Ballroom

13:40-14:00 CETP expression prolongs mice survival rate in sepsis by increasing leukocyte migration and reducing the concentrations of plasma IL-6 and of hepatic TLR4

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:00-14:20</td>
<td>Reproducibility in science: How video journals increase research validity and productivity</td>
<td>Kira M Henderson</td>
<td>Deputy Director of Journal Development at JOVE , USA</td>
</tr>
<tr>
<td>14:20-14:40</td>
<td>The role of apolipoprotein D in lipid metabolism and metabolic syndrome</td>
<td>Catherine Mounier</td>
<td>Universite du Quebec a Montreal, Canada</td>
</tr>
<tr>
<td>14:40-15:00</td>
<td>New targeted therapies for the treatment of thyroid cancer</td>
<td>Alessandro Antonelli</td>
<td>Università di Pisa, Italy</td>
</tr>
<tr>
<td>15:00-15:20</td>
<td>Adrenal pathology: Up-to-date in surgical treatment</td>
<td>Vincenzo Neri</td>
<td>University of Foggia, Italy</td>
</tr>
<tr>
<td>15:20-15:40</td>
<td>Metoclopramide-induced hyperprolactinemia effects on the pituitary and uterine Prolactin receptor expression</td>
<td>Vinicius Cestari do Amaral</td>
<td>University of Sao Paulo, Brazil</td>
</tr>
<tr>
<td>15:40-16:00</td>
<td>Selective modulation of the glucocorticoid receptor can distinguish between transrepression of NF-kB and AP-1</td>
<td>Ilse M Beck</td>
<td>Ghent University, Belgium</td>
</tr>
<tr>
<td>16:00-16:20</td>
<td>Bisphenol A and female fertility</td>
<td>Ronit Machtinger</td>
<td>Tel-Aviv University, Israel</td>
</tr>
</tbody>
</table>

Coffee Break 16:20-16:40 @ Prefunction Space

18:30-19:30 Cocktails Sponsored by *Journal of Steroids & Hormonal Science* @ Athens

**Day 3 October 22, 2014 Versailles - A**

**Track 8: Energy Balance and Obesity**

**Track 9: Treatment and Diagnosis of Endocrine Diseases**

**Track 10: Surgery**

Session Chair: Diana A Stavreva, National Institutes of Health, USA
Session Co-Chair: Simone Chevalier, McGill University Health Centre Research Institute, Canada

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00-09:20</td>
<td>Impact of novel lipidized analogs of neuropeptides on food intake decrease and metabolic changes in rodents</td>
<td>Lenka Malenitska</td>
<td>Institute of Organic Chemistry and Biochemistry, Czech Republic</td>
</tr>
<tr>
<td>09:20-09:40</td>
<td>Detection of biologically active endocrine disrupting chemicals in water sources and the potential health hazards of these contaminants</td>
<td>Diana A Stavreva</td>
<td>National Institutes of Health, USA</td>
</tr>
<tr>
<td>09:40-10:00</td>
<td>Stress-induced endocrine response and anxiety: The effects of comfort food</td>
<td>Regina Celia Spadari</td>
<td>Universidade Federal de Sao Paulo, Brasil</td>
</tr>
<tr>
<td>10:00-10:20</td>
<td>Sex differences in central expression and anorectic effects of brain-derived neurotrophic factor</td>
<td>Haifei Shi</td>
<td>Miami University, USA</td>
</tr>
<tr>
<td>10:20-10:40</td>
<td>Effect of intranasal infusion of GALP (Galanin-Like Peptide) on feeding and energy metabolism</td>
<td>Seiji Shioda</td>
<td>Showa University, Japan</td>
</tr>
</tbody>
</table>

Coffee Break 10:40-11:00 @ Versailles Foyer

11:00-11:20 The MRL mouse strain is naturally resistant to high fat diet-induced hyperglycemia

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:00-11:20</td>
<td>Ahlke Heydemann, University of Illinois at Chicago, USA</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Integrating endocrine regulatory mechanisms in prostate cancer progression
Simone Chevalier, McGill University Health Centre Research Institute, Canada

Modulation of adipocyte function by dietary Omega-3 fatty acids
Carla G Taylor, University of Manitoba, Canada

Insulinoma: Still a challenge in diagnosis and therapy?
Francesco Lapolla, University of Foggia, Italy

Meta-analysis of transcriptional profiles in cancer for prognosis prediction and metastatic gene identification
Yajun Yi, Vanderbilt University School of Medicine, USA

Role of oxytocin in energy metabolism
Valeria Ernestania Chaves, Federal University, Brazil

Control of hepatic gluconeogenesis by the promyelocytic leukemia zinc finger protein
Chang Liu, Nanjing Normal University, China

GWS of age at menarche and age at natural menopause
Chunyan He, Indiana University, USA

The effects of initial and subsequent adiposity status on Diabetes Mellitus
Xiaoping Chen, Sichuan University, China

A novel AMPK activator, IMM-H007, improves lipid metabolism disorders in vitro and in vivo
Haibo Zhu, Chinese Academy of Medical Sciences & Peking, China

The mechanism of interaction of GLP-1 and leptin on feeding in rats
Yukari Date, University of Miyazaki, Japan

Effect of antiretroviral drugs on prolactin in HIV infected pregnant women
Chukwubike Okeke, Federal University of Technology, Nigeria

3rd International Conference on Endocrinology
November 02-04, 2015 Atlanta, USA
<table>
<thead>
<tr>
<th>Clinical Science</th>
<th>Life Sciences</th>
<th>Pharmaceutical/Chemistry</th>
</tr>
</thead>
<tbody>
<tr>
<td>2nd International Congress on Bacteriology &amp; Infectious Diseases&lt;br&gt;November 17-19, 2014 Chicago, USA</td>
<td>3rd International Conference on Agriculture &amp; Horticulture&lt;br&gt;October 27-29, 2014 Hyderabad, India</td>
<td>2nd World Congress on Petrochemistry and Chemical Engineering&lt;br&gt;October 27-29, 2014 Las Vegas, USA</td>
</tr>
<tr>
<td>2nd International Conference on Nursing &amp; Healthcare&lt;br&gt;November 17-19, 2014 Chicago, USA</td>
<td></td>
<td>3rd International Conference and Exhibition on Pharmacovigilance &amp; Clinical Trials&lt;br&gt;October 27-29, 2014 Hyderabad, India</td>
</tr>
<tr>
<td>3rd International Conference and Exhibition on Cell &amp; Gene Therapy&lt;br&gt;October 27-29, 2014 Las Vegas, USA</td>
<td></td>
<td>3rd International Conference and Exhibition on Biowaivers, Biologics and Biosimilars&lt;br&gt;October 27-29, 2014 Hyderabad, India</td>
</tr>
<tr>
<td>2nd International Conference on HIV/AIDS, STDs &amp; STIs&lt;br&gt;October 27-29, 2014 Las Vegas, USA</td>
<td></td>
<td>2nd International Summit on Clinical Pharmacy&lt;br&gt;December 02-03, 2014 San Francisco, USA</td>
</tr>
<tr>
<td>3rd International Conference on Translational Medicine&lt;br&gt;November 03-05, 2014 Las Vegas, USA</td>
<td></td>
<td>3rd International Conference on Medicinal Chemistry &amp; Computer Aided Drug Designing&lt;br&gt;December 08-10, 2014 San Francisco, USA</td>
</tr>
<tr>
<td>2nd International Conference on Predictive, Preventive, Personalized Medicine &amp; Molecular Diagnostics&lt;br&gt;November 03-05, 2014 Las Vegas, USA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5th World Congress on Diabetes &amp; Metabolism&lt;br&gt;November 03-05, 2014 Las Vegas, USA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3rd International Conference on Surgery and Anesthesia&lt;br&gt;November 17-19, 2014 Chicago, USA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3rd International Conference and Exhibition on Obesity &amp; Weight Management&lt;br&gt;December 01-03, 2014 San Francisco, USA</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>