OMICS Group Conferences
Accelerating Scientific Discovery

Scientific Program

2nd International Conference on

Endocrinology

October 20-22, 2014 DoubleTree by Hilton Hotel Chicago-North Shore, USA



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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 October 20, 2014

08:30-09:00 Registrations

Versailles-A

OMICS Group Conferences
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09:00-09:30 Opening Ceremony

Keynote Forum

09:30-09:35 Introduction

09:35-10:00 S Stoney Simons Jr
National Institutes of Health, USA

10:00-10:25 Anil K Mandal
University of Florida, USA

10:25-10:50 Anthony Norman
University of California-Riverside, USA

Group Photo

Coffee Break 10:50-11:10 @ Versailles Foyer

Felicitation to OCM and EB Members

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

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 clinics
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

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

Track 2: Diabetic Disorders and Treatment

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

Session Introduction

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 treament of older diabetics
Jose Mario F de Oliveira, Universidade Federal Fluminense, Brazil

Coffee Break 15:50-16:10 @ Versailles Foyer

16:10-16:30 **The efficacy of natural honey in the management of chronic diabetic foot ulcers**
Hashim Mohamed, Weill Cornell Medical College, Qatar

16:30-16:50 **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

16:50-17:10 **Signaling mechanisms of a water soluble curcumin derivative in experimental Type 1 diabetes with cardiomyopathy**
Rania Elsayed Hussein, Cairo University, Egypt

17:10-17:30 **Incretin based Therapies in type 2 diabetes**
Mukhyaprana Manuru Prabhu, Manipal University, India

17:30-17:50 **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

17:50-18:10 **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

18:10-18:30 **The protective effect of resveratrol on islet insulin secretion and morphology in mice on a high-fat diet**
Jiaoyue Zhang, Union Hospital, China

Panel Discussion

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

Session Introduction

11:10-11:30 **Effects of age and serum 25OH Vitamin D on serum parathyroid hormone levels**
Andre A Valcour, Center for Esoteric Testing, USA

11:30-11:50 **An old argument with a new paradigm**
Thomas Thekkumkara, Texas Tech University, USA

11:50-12:10 **Endothelin signaling and actions in renal mesangium**
Andrey Sorokin, Medical College of Wisconsin, USA

12:10-12:30 **Correlation between serum Vitamin-D level and cardiovascular risk factors among postmenopausal women**
Subarna Mitra, All India Institute of Medical Sciences, India

12:30-12:50 **Molecular pathways involved in prolactin-dependent JAK2/PAK1 action: implication in breast cancer cell motility and invasion**
Maria Diakonova, University of Toledo, USA

12:50-13:10 **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

13:50-14:10 **Growth hormone and glucocorticoid-induced JAK2-STAT5-GR signalling for liver function, liver carcinoma development and control of peripheral lipolysis**
Richard H Moriggl, Ludwig Boltzmann Institute for Cancer Research, Austria

14:10-14:30 **Consumption of non-soy legumes improves vascular function by altering the mechanical properties of arteries**
Peter Zahradka, University of Manitoba, Canada

14:30-14:50 **Abiraterone inhibits CYP3A4-mediated inactivation of 1α, 25-dihydroxyvitamin D3 in human liver and intestine**
Subrata Deb, Vancouver General Hospital, Canada

14:50-15:10 **Novel mechanisms of the glucocorticoid receptor in inflammatory bone disease, bone loss and insulin resistance**
Jan Tuckermann, University of Ulm, Germany

15:10-15:30 **The 5-HT7 receptor: A key mechanism of endocrine dysregulation in stress-related disorders?**
Jose A Terron, CINVESTAV-IPN, Mexico

15:30-15:50 **Melatonin receptors: Molecular and functional considerations**
Jean A Boutin, Institut de Recherches SERVIER, France

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

16:10-16:30 **Neuroinflammation is regulated by angiotensin-related drugs: Possible implications for neurodegenerative disease**
Sigal Fleisher-Berkovich, Ben-Gurion University of the Negev, Israel

16:30-16:50 **Receptor ligands as targets and targeting agents for novel therapeutics**
R Claudio Aguilar, Purdue University, USA

16:50-17:10 **Challenging GWAS discoveries by locus refining and stratification of population by anthropological lineages**
Florin Grigorescu, University of Montpellier, France

17:10-17:30 **Neuroendocrine control of hydromineral balance: Participation of estradiol and its interaction with corticosterone**
Gislaine de Almeida Pereira, University of Sao Paulo, Brazil

17:30-17:50 **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

Panel Discussion

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

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

Session Introduction

11:20-11:40 **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

11:40-12:00 **Serum, seminal fluid and testicular tissue testosterone in infertility and sexual disorders in man**
Mohamed Saad Hamed Mahmoud, Ain Shams University, Egypt

12:00-12:20 **Artificial sperm selection and cryptic male choice: What have fish and human taught us?**
Tomislav Vladic, Stockholm University, Sweden

12:20-12:40 **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

13:20-13:40 **Vascular insulin resistance of a Rat model of Polycystic Ovary syndrome. Effects of parallel Vitamin D3 treatment**
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 **Non-Classical androgen actions in sertoli cell membrane**
Eloisa S Loss, Universidade do Rio Grande do Sul, Brazil

14:20-14:40 **"Lipid" nuclear receptors in male fertility**
David H Volle, Clermont Universite, France

14:40-15:00 **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

15:00-15:20 **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

15:20-15:40 **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- auto-immune 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

Session Introduction

11:20-11:40 **TSH receptor small molecule "drug-like" antagonists**
Susanne Neumann, National Institutes of Health, USA

11:40-12:00 **Increased cortisol production through the H6PD/11- β-HSD1 machinery in Mg^{2+}-deficient liver cells**
Andrea Romani, Case Western Reserve University, USA

12:00-12:20 **Cardioprotective and disease preventive effects of traditional and novel green leafy vegetables**
Melissa Johnson, Tuskegee University, USA

12:20-12:40 **Disrupted melanocortin signaling may cause erectile dysfunction and loss of libido accompanying metabolic syndrome**
Jennifer W Hill, University of Toledo, USA

12:40-13:00 **Zebrafish 20 β-hydroxysteroid dehydrogenase Type 2 is important for glucocorticoid catabolism in stress response**
Jerzy Adamski, Helmholtz Zentrum München, Germany

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**
Eder C R Quintao, University of Sao Paulo, Brazil

14:00-14:20 **Reproducibility in science: How video journals increase research validity and productivity**
Kira M Henderson, Deputy Director of Journal Development at JOVE , USA

14:20-14:40 **The role of apolipoprotein D in lipid metabolism and metabolic syndrome**
Catherine Mounier, Universite du Quebec a Montreal, Canada

14:40-15:00 **New targeted therapies for the treatment of thyroid cancer**
Alessandro Antonelli, University of Pisa, Italy

15:00-15:20 **Adrenal pathology: Up-to-date in surgical treatment**
Vincenzo Neri, University of Foggia, Italy

15:20-15:40 **Metoclopramide-induced hyperprolactinemia effects on the pituitary and uterine Prolactin receptor expression**
Vinicius Cestari do Amaral, University of Sao Paulo, Brazil

15:40-16:00 **Selective modulation of the glucocorticoid receptor can distinguish between transrepression of NF-kB and AP-1**
Ilse M Beck, Ghent University, Belgium

16:00-16:20 **Bisphenol A and female fertility**
Ronit Machtinger, Tel-Aviv University, Israel

Panel Discussion

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 Introduction

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

09:00-09:20 **Impact of novel lipidized analogs of neuropeptides on food intake decrease and metabolic changes in rodents**
Lenka Maletinska, Institute of Organic Chemistry and Biochemistry, Czech Republic

09:20-09:40 **Detection of biologically active endocrine disrupting chemicals in water sources and the potential health hazards of these contaminants**
Diana A Stavreva, National Institutes of Health, USA

09:40-10:00 **Stress-induced endocrine response and anxiety: The effects of comfort food**
Regina Celia Spadari, Universidade Federal de Sao Paulo, Brasil

10:00-10:20 **Sex differences in central expression and anorectic effects of brain-derived neurotrophic factor**
Haifei Shi, Miami University, USA

10:20-10:40 **Effect of intranasal infusion of GALP (Galanin-Like Peptide) on feeding and energy metabolism**
Seiji Shioda, Showa University, Japan

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**
Ahlke Heydemann, University of Illinois at Chicago, USA

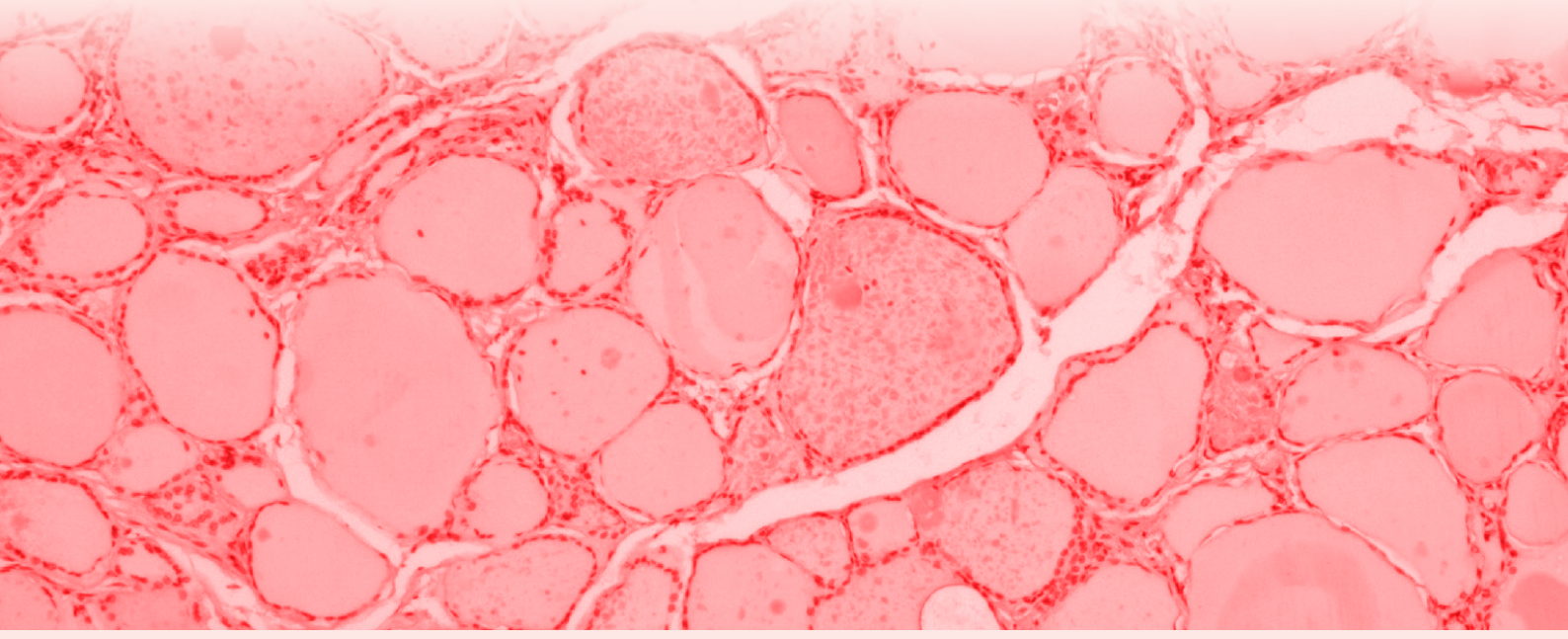
11:20-11:40	**Integrating endocrine regulatory mechanisms in prostate cancer progression** **Simone Chevalier,** McGill University Health Centre Research Institute, Canada
11:40-12:00	**Modulation of adipocyte function by dietary Omega-3 fatty acids** **Carla G Taylor,** University of Manitoba, Canada
12:00-12:20	**Insulinoma: Still a challenge in diagnosis and therapy?** **Francesco Lapolla,** University of Foggia, Italy
12:20-12:40	**Meta-analysis of transcriptional profiles in cancer for prognosis prediction and metastatic gene identification** **Yajun Yi,** Vanderbilt University School of Medicine, USA
	Lunch Break 12:40:13:20 @ Athens
13:20-14:00	**Role of oxytocin in energy metabolism** **Valeria Ernestania Chaves,** Federal University, Brazil
14:00-14:20	**Control of hepatic gluconeogenesis by the promyelocytic leukemia zinc finger protein** **Chang Liu,** Nanjing Normal University, China
14:20-14:40	**GWAS of age at menarche and age at natural menopause** **Chunyan He,** Indiana University, USA
14:40-15:00	**The effects of initial and subsequent adiposity status on Diabetes Mellitus** **Xiaoping Chen,** Sichuan University, China
15:00-15:20	**A novel AMPK activator, IMM-H007, improves lipid metabolism disorders *in vitro* and *in vivo*** **Haibo Zhu,** Chinese Academy of Medical Sciences & Peking, China
15:20-15:40	**The mechanism of interaction of GLP-1 and leptin on feeding in rats** **Yukari Date,** University of Miyazaki, Japan
15:40-16:00	**Effect of antiretroviral drugs on prolactin in HIV infected pregnant women** **Chukwubike Okeke,** Federal University of Technology, Nigeria
	Panel Discussion
	Coffee Break 16:00-16:20 @ Versailles Foyer
	Award Ceremony

Bookmark your dates

OMICS Group Conferences
Accelerating Scientific Discovery

3rd International Conference on Endocrinology

November 02-04, 2015 Atlanta, USA



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Clinical Science

2nd International Congress on
Bacteriology & Infectious Diseases
November 17-19, 2014 Chicago, USA

2nd International Conference on
Nursing & Healthcare
November 17-19, 2014 Chicago, USA

Engineering & Applied Sciences

4th International Conference on
Nanotek & Expo
December 01-03, 2014 San Francisco, USA

International Summit on
Industrial Engineering
December 08-10, 2014 San Francisco, USA

Medical Science

3rd International Conference and Exhibition on
Cell & Gene Therapy
October 27-29, 2014 Las Vegas, USA

2nd International Conference on
HIV/AIDS, STDs & STIs
October 27-29, 2014 Las Vegas, USA

3rd International Conference on
Translational Medicine
November 03-05, 2014 Las Vegas, USA

2nd International Conference on
Predictive, Preventive, Personalized Medicine & Molecular Diagnostics
November 03-05, 2014 Las Vegas, USA

5th World Congress on
Diabetes & Metabolism
November 03-05, 2014 Las Vegas, USA

3rd International Conference on
Surgery and Anesthesia
November 17-19, 2014 Chicago, USA

3rd International Conference and Exhibition on
Obesity & Weight Management
December 01-03, 2014 San Francisco, USA

Life Sciences

3rd International Conference on
Agriculture & Horticulture
October 27-29, 2014 Hyderabad, India

Pharmaceutical/Chemistry

2nd World Congress on
Petrochemistry and Chemical Engineering
October 27-29, 2014 Las Vegas, USA

3rd International Conference and Exhibition on
Pharmacovigilance & Clinical Trials
October 27-29, 2014 Hyderabad, India

3rd International Conference and Exhibition on
Biowaivers, Biologics and Biosimilars
October 27-29, 2014 Hyderabad, India

2nd International Summit on
Clinical Pharmacy
December 02-03, 2014 San Francisco, USA

3rd International Conference on
Medicinal Chemistry & Computer Aided Drug Designing
December 08-10, 2014 San Francisco, USA

Bookmark your dates

OMICS Group Conferences
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5th World Congress on
Diabetes & Metabolism
November 03-05, 2014 Las Vegas, USA

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2nd International Conference and Exhibition on
Rhinology & Otology
March 18-20, 2015 Dubai, UAE

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Accelerating Scientific Discovery

4th International Conference on
Nephrology & Therapeutics
May 04-06, 2015 Baltimore, USA

OMICS Group Conferences
Accelerating Scientific Discovery

3rd International Conference on
Pediatrics
May 18-20, 2015 San Antonio, USA

OMICS Group Conferences
Accelerating Scientific Discovery

2nd International Summit on
Clinical Pharmacy
December 02-03, 2014 San Francisco, USA

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