

126<sup>th</sup> OMICS Group Conference

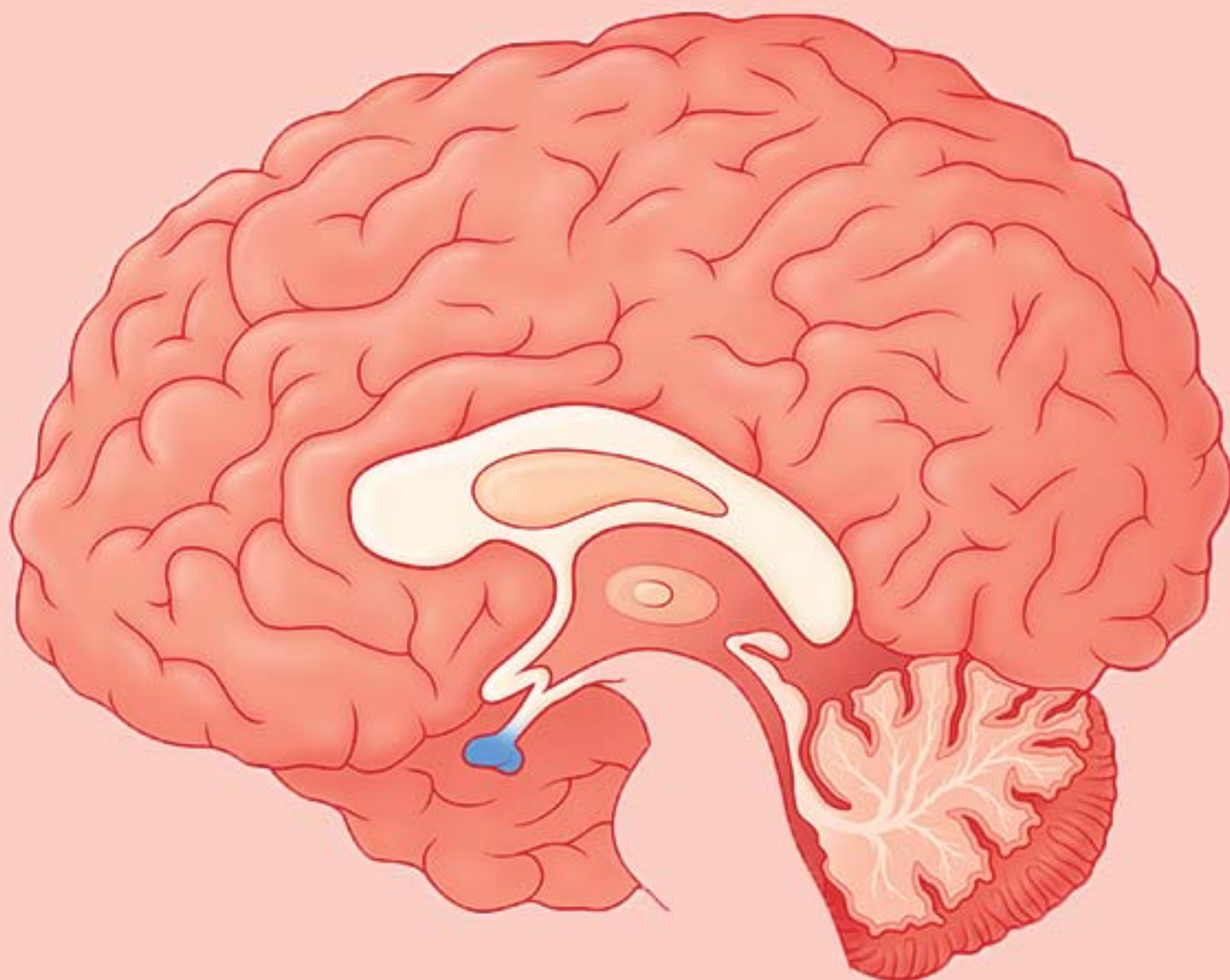
# *Scientific Program*



World Congress on

# Endocrinology

August 26-28, 2013 DoubleTree by Hilton, Raleigh, NC, USA



## **“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](mailto:symposia@omicsonline.org)

## **OMICS Group Conferences**

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08:00-09:00 Registrations

Jefferson



09:00-09:30

# Opening Ceremony

## Keynote Forum

- 09:30-09:35 **Introduction**
- 09:35-10:00 **Umberto Cornelli**  
Loyola University School of Medicine, USA
- 10:00-10:25 **Rahul Ray**  
Boston University School of Medicine, USA

Coffee Break 10:25-10:40 @ Roosevelt

### Group Photo

#### Track 1: Principles of Endocrinology

Session Chair: Naren L. Banik, Medical University of South Carolina, USA

Session Co-Chair: Edwin Lephart, Brigham Young University, USA

#### Session Introduction

- 10:40-11:00 **Title: Estrogen/androgen receptors & sex steroid hormone actions in human skin**  
Edwin Lephart, Brigham Young University, USA
- 11:00-11:20 **Title: Molecular basis of estrogen enhancement of FSH responsiveness in granulosa cells**  
Shunichi Shimasaki, University of California San Diego, USA
- 11:20-11:40 **Title: Leptin deficiency turns mast cells from pro-inflammatory cells into anti-inflammatory cells**  
Guo-Ping Shi, Harvard Medical School, USA
- 11:40-12:00 **Title: Efficacy of estrogen in experimental spinal cord injury**  
Naren L. Banik, Medical University of South Carolina, USA
- 12:00-12:20 **Title: Coactivator P300 regulates FOXO1 expression at transcriptional and posttranscriptional levels**  
Anne Wondisford, Johns Hopkins School of Medicine, USA
- 12:20-12:40 **Title: Hormonal requirements for kidney cells in serum free medium reveal an admixture of growth inhibitory and stimulatory effects**  
Mary L Taub, University at Buffalo, USA

Lunch Break 12:40-13:25 @ Roosevelt

- 13:25-13:45 **Title: Are there two sides or two hemispheres? Metabolic asymmetry in the neuroendocrine hypothalamus**  
Attila Zsarnovszky, Szent Istvan University, Hungary
- 13:45-14:05 **Title: Developing long acting analogs of glycoprotein hormones using site-directed mutagenesis, gene fusion and gene transfer**  
Fuad Fares, University of Haifa, Israel
- 14:05-14:25 **Title: Cognitive function in patients with type 2 diabetes mellitus: Relationship to stress hormone (Cortisol)**  
Sherifa A. Hamed, Assiut University Hospital, Egypt
- 14:25-14:45 **Title: Clinical utility of Adrenal Vein Sampling (AVS) in the subtype evaluation of Primary Aldosteronism (PA)**  
Emmanuel L. Bravo, Cleveland Clinic, USA
- 14:45-15:05 **Title: Controversies in PCOS management and fertility treatment**  
Laurel Stadtmauer, Eastern Virginia Medical School, USA
- 15:05-15:25 **Title: Genes and waist measurement normalization in Amerindian obesity**  
Antonio Arnaiz Villena, University Complutense, Spain

#### Panel Discussion

Coffee Break 15:25-15:40 @ Roosevelt

### Breakout 2

#### Track 2: Diabetic Disorders and Treatment

#### Track 3: Endocrine Active Pituitary Adenomas

Session Chair: Jayasri Nanduri, University of Chicago, USA

Session Co-Chair: Marwan Hamaty, Cleveland Clinic Foundation, USA

#### Session Introduction

- 10:40-11:00 **Title: Statin and diabetes: Is there a link? A retrospective study on people known to have no diabetes at baseline per glucose tolerance test criteria**  
Marwan Hamaty, Cleveland Clinic Foundation, USA
- 11:00-11:20 **Title: Taking the load off diabetic foot ulcer patients**  
Ryan T. Crews, Rosalind Franklin University of Medicine and Science, USA
- 11:20-11:40 **Title: Access to renal transplantation in the diabetic population effect of comorbidities and body mass index**  
Bhanu K. Patibandla, Saint Vincent Hospital, USA
- 11:40-12:00 **Title: Regulation of insulin metabolism by intermittent hypoxia: Molecular mechanisms**  
Jayasri Nanduri, University of Chicago, USA

12:00-12:20 **Title: Identification of a molecular pathway involved in viral induction of type 1 diabetes**  
**Kelly D. McCall**, Ohio University Heritage College of Osteopathic Medicine, USA

12:20-12:40 **Title: Development of DSC127 for the treatment of diabetic foot ulcers**  
**Kathleen Rodgers**, University of Southern California, USA

Lunch Break 12:40-13:25 @ Roosevelt

13:25-13:45 **Title: Demonstration of improved surgical outcome in patients with both ACTH and GH secreting adenomas diagnosed by a new sensitive method of MET-PET fusion 3T-MRI**  
**Hidetoshi Ikeda**, Southern Tohoku General Hospital, Japan

13:45-14:05 **Title: Empowering patients to improve adherence through mobile and social gaming**  
**Michael Fergusson**, Ayogo Health Inc., Canada

14:05-14:25 **What are we missing in the pathogenesis and treatment of cardiovascular diseases and type 2 diabetes mellitus?**  
**Jose Mario Franco de Oliveira**, Fluminense Federal University, Brazil

14:25-14:45 **Title: Benefits of physical activity to diabetics**  
**Sebahat Zeqiri**, University Clinical Center of Kosovo, Kosovo

14:45-15:05 **Title: Camel milk contains insulin like protein on attenuating the key enzymes activities of carbohydrate metabolism in Streptozotocin-induced diabetic rats**  
**Govindasamy Chandramohan**, King Saud University, Saudi Arabia

15:05-15:25 **Title: Kaempferol, a dietary flavonoid improves glucose homeostasis in streptozotocin diabetic tissues by altering glycolytic and gluconeogenic enzymes: A possible role of insulin**  
**Khalid S. Al-Numair**, King Saud University, Saudi Arabia

Coffee Break 15:25-15:40 @ Roosevelt

15:40-16:00 **Title: Medical nutrition therapy for type-2 diabetes**  
**Gulfam Ahmad Cheema**, Zulfiqar Haider Medical Complex, Pakistan

16:00-16:20 **Title: Protective effect of Melothria maderaspatana leaf fraction on electrolytes, catecholamines, endothelial nitric oxide synthase and Endothelin-1 peptide in uninephrectomized deoxycorticosterone acetate-salt hypertensive rats**  
**Mohammed A. Alsaif**, King Saud University, Saudi Arabia

16:20-16:40 **Title: Associated risk factors affecting renal deterioration in type 2 diabetic patients**  
**Kiran Kalia**, Sardar Patel University, India

16:40-17:00 **Title: Nutritional risk stratification of adults at risk for hospital readmission with congestive heart failure, myocardial infarction, and pneumonia**  
**Gregory E. Peterson**, Iowa Diabetes Center, USA

17:00-17:20 **Title: Hypoglycemia- Treatment and complications**  
**Eshan Labroo**, India

Panel Discussion

18:35-19:35 Cocktails Sponsored by **Endocrinology and Metabolic Syndrome**

Day 2 August 27, 2013

Jefferson

Keynote Forum

09:00-09:05 **Introduction**

09:05-09:30 **Yves Tremblay**  
Universite Laval Center, Canada

09:30-09:55 **Krishnamurti Dakshinamurti**  
University of Manitoba, Canada

Track 4: Biological Effects of Adrenal Steroid Hormones  
Track 5: Classical Actions of the Parathyroid Glands and Vitamin D  
Track 6: Actions of Growth Hormone and Insulin-like Growth Factors  
Track 8: Endocrine Function in Human Obesity

Session Chair: Yves Tremblay, Universite Laval Center, Canada

Session Co-Chair: Krishnamurti Dakshinamurti, University of Manitoba, Canada

Session Introduction

09:55-10:15 **Title: Prenatal glucocorticoid administration and fetal lung maturation: Can we learn more?**  
**Yves Tremblay**, Universite Laval Center, Canada

10:15-10:35 **Title: Amp1-109, a novel vitamin d analog for androgen-insensitive prostate and renal cancer**  
**Rahul Ray**, Boston University School of Medicine, USA

Coffee Break 10:35-10:50 @ Roosevelt

10:50-11:10 **Title: Vitamin D and type 2 diabetes: From observation to intervention**  
**Yiqing Song**, Harvard Medical School, USA

11:10-11:30 **Title: Social adaptability index predicts overall mortality in patients with diabetes**  
**Akshita Narra**, University of Connecticut, USA

11:30-11:50 **Title: Mitochondria of mice and men: Moderate magnetic fields on ob/ ob mice, human stem**  
**Trent W. Nichols**, Sinai Hospital in Baltimore, USA

11:50-12:10 **Title: A randomized double-blind placebo-controlled study to evaluate the efficacy and safety of Cinacalcet for the treatment of Hypercalcemia in subjects with primary Hyperparathyroidism unable to undergo Parathyroidectomy**  
**Aliya Khan**, McMaster University, Canada

12:10-12:30 **Title: Bsc12 mediated lipolysis, a rheostat essential for adipose tissue development and metabolic diseases**  
**Weiqin Chen**, Medical College of Georgia at Georgia Regents University, USA

12:30-12:50 **Title: Vitamins and their derivatives in the prevention and treatment of metabolic syndrome diseases**  
**Krishnamurti Dakshinamurti**, University of Manitoba, Canada

Lunch Break 12:50-13:35 @ Roosevelt

13:35-13:55 **Title: IGF-I overexpression stimulates CCN5/Wisp2 expression in pancreatic beta cells, which promotes cell proliferation and survival against streptozotocin**  
**Jun-Li Liu**, McGill University Health Centre, Canada

- 13:55-14:15 **Title: STIM- Dependent calcium signaling mediate smooth muscle and cardiac cell growth**  
**Salvatore Mancarella**, University of Tennessee Health Science Center, USA
- 14:15-14:35 **Title: PCOS awareness association: It's a cysterhood**  
**Megan M. Domino**, PCOS Awareness Association, USA
- 14:35-14:55 **Title: Sporadic anovulation in women with regular menstruation**  
**Sunni L. Mumford**, National Institute of Child Health and Human Development, USA
- 14:55-15:15 **Title: Heme oxygenase system abates visceral adiposity and diabetic cardiomyopathy in obese insulin-resistant rat**  
**Joseph Fomusi Ndisang**, University of Saskatchewan, Canada
- 15:15-15:35 **Title: Plasma melatonin response to photo manipulation in arctic char (*Salvelinus alpinus*)**  
**Kjell J. Nilssen**, Norwegian University, Norway

Coffee Break 15:35-15:50 @ Roosevelt

- 15:50-16:10 **Title: Surgical strategies and outcome in small bowel neuroendocrine tumors**  
**Nils Habbe**, University Hospital Frankfurt, Germany
- 16:10-16:30 **Title: Migraine in patients with metabolic syndrome: Is there a relationship to leptin?**  
**Sherifa A. Hamed**, Assiut University Hospital, Egypt
- 16:30-16:50 **Title: Seizure and borderzone infarct in Pheochromocytoma: A case report**  
**Maria Iressa Macahia**, Philippine College of Physicians, Philippines

Panel Discussion

18:35-19:35 Cocktails Sponsored by **Journal of Steroids & Hormonal Science**

**Day 3 August 28, 2013**  
**Jefferson**

**Track 9: Current Advances in Endocrinology & Metabolism**  
**Track 10: Challenges of Endocrinology**  
**Track 11: Thyroid Gland and its Disorders**

**Session Chair: Umberto Cornelli**, Loyola University School of Medicine, USA

**Session Co-Chair: Mary L. Taub**, University at Buffalo, USA

Session Introduction

- 09:00-09:20 **Title: Diet, diabetes and Alzheimer's disease**  
**Narayan R. Bhat**, Medical University of South Carolina, USA
- 09:20-09:40 **Title: Levothyroxine and lung cancer in females: The importance of oxidative stress**  
**Umberto Cornelli**, Loyola University School of Medicine, USA
- 09:40-10:00 **Title: mTOR in growth and protection of hypertrophying myocardium**  
**Dhan Kuppaswamy**, Medical University of South Carolina, USA
- 10:00-10:20 **Title: The utility of ct and MRI in diagnosis and image guided therapy of the thyroid and parathyroid glands**  
**Thomas C. Lee**, Harvard Medical School, USA

Coffee Break 10:20-10:35 @ Roosevelt

- 10:35-10:55 **Title: Evidence for a novel role of dopamine and norepinephrine in the kidney**  
**Mary L. Taub**, University at Buffalo, USA
- 10:55-11:15 **Title: Is relapse in Schizophrenia an immuno-endocrine mediated effect?**  
**Brian Miller**, Georgia Regents University, USA
- 11:15-11:35 **Title: Diabetic nephropathy and dioxin and dioxin-like compounds**  
**Olivia M. Thompson**, College of Charleston, USA
- 11:35-11:55 **Title: Diabetic nephropathy and organochlorine pesticides**  
**Charles J. Everett**, College of Charleston, USA
- 11:55-12:15 **Title: Metabolic syndrome, inflammation and biomarkers**  
**Sridevi Devaraj**, Baylor College of Medicine, USA
- 12:15-12:35 **Title: Effects of 5HT2c blockade of dibenzodiazepines on thyroid levels in patients with Schizophrenia or schizoaffective disorder**  
**G.S.Shankar**, Western University of Health Sciences, USA

Lunch Break 12:35-13:20 @ Roosevelt

- 13:20-13:40 **Title: Discovering a slowly developing type 1 diabetes in adulthood: A case study of Latent Autoimmune Diabetes of Adulthood (LADA)**  
**Susan J. Appel**, The University of Alabama, USA
- 13:40-14:00 **Title: Thyroid hormones modify uterine contractility**  
**Stephanie Corriveau**, University of Sherbrooke, Canada
- 14:00-14:20 **Title: Lipoprotein lipase is a novel biomarker of insulin sensitivity and is produced by lipid-and glucose-targeting drugs through different mechanism in adipocytes and skeletal muscle cells**  
**Masahiro Ohira**, Toho University Medical Center, Japan
- 14:20-14:40 **Title: Effects of estrogen, thyroid hormones and endocrine disruptor ligands on the regulation of estrogen- and thyroid hormone receptor expression in the developing cerebellum**  
**Attila Zsarnovszky**, Szent Istvan University, Hungary
- 14:40-15:00 **Title: Melatonin treatment in delirious state: A case study**  
**Friedrich Leblhuber**, University of Innsbruck, Austria
- 15:00-15:20 **Title: WNIN/Ob- A novel versatile rat model of metabolic syndrome"**  
**NV Giridharan**, Amrita Institute of Medical Sciences, India
- 15:20-15:40 **Title: Does lactating PTU deteriorate thyroid- Brain development in newborns?**  
**R.G. Ahmed**, Beni-Suef University, Egypt
- 15:40-16:00 **Title: Screening of the thyroid associated ophthalmopathy in Cameroonians Graves' hyperthyroidism patients: Relation with flavoprotein antibodies**  
**Christophe Nouedoui**, General Hospital Yaounde Cameroon, France

Panel Discussion

Coffee Break 16:00-16:15 @ Roosevelt

**Award Ceremony**

# OMICS Group Upcoming Conferences

## Pharmaceutical/Chemistry

2 <sup>nd</sup> International Conference and Exhibition on <b>Bioaivers &amp; Biosimilars</b> September 23-25, 2013 Hilton Raleigh-Durham Airport at RTP, NC, USA
International Conference and Exhibition on <b>Biochemical &amp; Molecular Engineering</b> October 07-09, 2013 Hilton San Antonio Airport, TX, USA
2 <sup>nd</sup> International Conference on <b>Medicinal Chemistry &amp; Computer Aided Drug Designing</b> October 15-17, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA
4 <sup>th</sup> International Conference and Exhibition on <b>Analytical &amp; Bioanalytical Techniques</b> October 15-17, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA
3 <sup>rd</sup> International Conference on <b>Pharmaceutical Regulatory Affairs</b> October 21-23, 2013 DoubleTree by Hilton Hotel San Francisco Airport, CA, USA
International Conference & Exhibition on <b>Pharmacognosy, Phytochemistry &amp; Natural Products</b> October 21-23, 2013 Radisson Blu Plaza Hotel, Hyderabad, India
2 <sup>nd</sup> International Summit on <b>GMP, GCP &amp; Quality Control</b> November 12-14, 2013 DoubleTree by Hilton Hotel Chicago-North Shore, IL, USA
International Summit on <b>Clinical Pharmacy &amp; Dispensing</b> November 18-20, 2013 Hilton San Antonio Airport, TX, USA
World Congress on <b>Petrochemistry and Chemical Engineering</b> November 18-20, 2013 Hilton San Antonio Airport, TX, USA

## Medical Sciences

2 <sup>nd</sup> International Conference on <b>Surgery &amp; Anesthesia</b> September 16-18, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA
International Conference on <b>Hematology &amp; Blood Disorders</b> September 23-25, 2013 Hilton Raleigh-Durham Airport at RTP, NC, USA
International Conference on <b>Psychology, Autism and Alzheimer's Disease</b> September 30-October 01, 2013 Hilton San Antonio Airport, TX, USA
2 <sup>nd</sup> International Summit on <b>Toxicology</b> October 07-09, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA
3 <sup>rd</sup> World Congress on <b>Cancer Science &amp; Therapy</b> October 21-23, 2013 DoubleTree by Hilton Hotel San Francisco Airport, CA, USA
2 <sup>nd</sup> International Conference and Exhibition on <b>Cell &amp; Gene Therapy</b> October 23-25, 2013 Holiday Inn Orlando International Airport, Orlando, FL, USA
International Conference on <b>HIV/AIDS, STDs &amp; STIs</b> October 24-25, 2013 Holiday Inn Orlando International Airport, Orlando, FL, USA
2 <sup>nd</sup> International Conference and Exhibition on <b>Cosmetology &amp; Trichology</b> November 12-14, 2013 DoubleTree by Hilton Hotel Chicago-North Shore, IL, USA
3 <sup>rd</sup> World Congress on <b>Virology</b> November 20-22, 2013 DoubleTree by Hilton Baltimore-BWI Airport, MD, USA
3 <sup>rd</sup> International Conference on <b>Cell Science &amp; Stem Cell Research</b> November 20-22, 2013 DoubleTree by Hilton Baltimore-BWI Airport, MD, USA
2 <sup>nd</sup> International Conference and Exhibition on <b>Obesity &amp; Weight Management</b> December 02-04, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA
International Conference and Exhibition on <b>Traditional &amp; Alternative Medicine</b> December 09-11, 2013 Radisson Blu Plaza Hotel, Hyderabad, India

## Omics

International Conference on <b>Omics Studies</b> September 04-06, 2013 Holiday Inn Orlando International Airport, Orlando, FL, USA
International Conference on <b>Functional and Comparative Genomics &amp; Pharmacogenomics</b> November 12-14, 2013 DoubleTree by Hilton Hotel Chicago-North Shore, IL, USA

## Clinical

2 <sup>nd</sup> International Conference on <b>Clinical Microbiology &amp; Microbial Genomics</b> September 16-18, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA
2 <sup>nd</sup> International Conference on <b>Clinical &amp; Cellular Immunology</b> October 15-17, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA
International Conference on <b>Nursing &amp; Emergency Medicine</b> December 02-04, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA

## Engineering & Applied Sciences

International Conference and Exhibition on <b>Mechanical &amp; Aerospace Engineering</b> September 30-October 02, 2013 Hilton San Antonio Airport, TX, USA
International Conference and Exhibition on <b>Lasers, Optics &amp; Photonics</b> October 07-09, 2013 Hilton San Antonio Airport, TX, USA
2 <sup>nd</sup> International Conference and Exhibition on <b>Materials Science &amp; Engineering</b> October 07-09, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA
2 <sup>nd</sup> International Conference on <b>Forensic Research &amp; Technology</b> October 07-09, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA
3 <sup>rd</sup> International Conference on <b>Nanotek &amp; Expo</b> December 02-04, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA

## Life Sciences & Environmental

International Symposia on <b>Entomology</b> September 04-06, 2013 Holiday Inn Orlando International Airport, Orlando, FL, USA
4 <sup>th</sup> World Congress on <b>Biotechnology</b> September 23-25, 2013 Hilton Raleigh-Durham Airport at RTP, NC, USA
2 <sup>nd</sup> International Conference and Exhibition on <b>Probiotics &amp; Functional Foods</b> October 23-25, 2013 Holiday Inn Orlando International Airport, Orlando, FL, USA
2 <sup>nd</sup> International Conference and Exhibition on <b>Food Processing &amp; Technology</b> October 28-30, 2013 Kansas City Marriott Country Club Plaza, USA
International Conference on <b>Fermentation Technology, Bioprocess &amp; Cell Culture</b> October 28-30, 2013 Kansas City Marriott Country Club Plaza, USA
International Congress on <b>Bacteriology &amp; Infectious Diseases</b> November 20-22, 2013 DoubleTree by Hilton Baltimore-BWI Airport, MD, USA
2 <sup>nd</sup> International Conference on <b>Agricultural &amp; Horticultural Sciences</b> February 03-05, 2014 Radisson Blu Plaza Hotel, Hyderabad, India

## Bookmark your dates



# 2<sup>nd</sup> International Conference on Endocrinology

October 20-22, 2014 Chicago, USA

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