Scientific Program

3rd International Conference on

Endocrinology

November 02-04, 2015   Atlanta, USA
# Scientific Program

## Day 1  November 02, 2015

### Grand Salon B

#### 10:00-10:30

**Opening Ceremony**

#### 10:30-11:00

**Registrations**

### Keynote Forum

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Institution</th>
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<tbody>
<tr>
<td>10:30-11:05</td>
<td>Philip D Houck</td>
<td>Baylor Scott &amp; White Healthcare, USA</td>
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<tr>
<td>11:25-12:00</td>
<td>Giuseppe d’Annunzio</td>
<td>IRCCS Giannina Gaslini Institute, Italy</td>
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**Networking & Refreshments 11:05-11:25 @ Foyer**

#### Group Photo

Session Chair: Philip D Houck, Baylor Scott & White Healthcare, USA  
Session Co-Chairs: Andrew C Shin, Icahn School of Medicine at Mount Sinai, USA

### Session Introduction

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<th>Time</th>
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<tr>
<td>12:00-12:25</td>
<td>Embryonic development of the gonadotropin-releasing hormone neuronal system in transgenic Zebrafish</td>
<td>Yali Zhao</td>
<td>David Geffen School of Medicine</td>
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<tr>
<td>12:25-12:50</td>
<td>Transgenerational developmental programming: Effects of pre-natal stress on the hypothalamo-pituitary-adrenal axis and behaviour in the Japanese quail</td>
<td>Cedric Zimmer</td>
<td>University of St Andrews, UK</td>
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<tr>
<td>12:50-13:15</td>
<td>Insulin action in the brain regulates branched-chain amino acid (BCAA) metabolism</td>
<td>Andrew C Shin</td>
<td>Icahn School of Medicine at Mount Sinai, USA</td>
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**Lunch Break 13:15-14:15 @ Restaurant**

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<tr>
<td>14:15-14:40</td>
<td>Determination of factors that lead to enhanced infection &amp; impaired healing in diabetic wound</td>
<td>Sasha Shafikhani</td>
<td>Rush University Medical Center, USA</td>
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<tr>
<td>14:40-15:05</td>
<td>Sleep and breathing in Prader-Willi syndrome</td>
<td>Mary Cataletto</td>
<td>Winthrop University Hospital, USA</td>
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<tr>
<td>15:05-15:30</td>
<td>Association of genetic variability with type 2 diabetes and cardiovascular disease in Mexican subjects</td>
<td>Irma Zamora-Ginez</td>
<td>Benemerita Universidad Autonoma de Puebla, Mexico</td>
</tr>
<tr>
<td>15:30-15:55</td>
<td>The descending sympathetic pathways from dorsomedial hypothalamus: critical links to understand stress-related and obesity-related cardiovascular diseases</td>
<td>Marco Antonio Peliky Fontes</td>
<td>Universidade Federal de Minas Gerais, Brazil</td>
</tr>
</tbody>
</table>
Craniopharyngioma and hypothalamic hamartoma: Auxo-endocrinology changes to diagnosis and endocrine complications after surgical and/or medical treatment
Matteo Mariano, ASL FG Teresa Masselli Mascia Hospital, Italy

Artificial light at night and melatonin production: Possible impact on human health due to epigenetically modifications
Abraham Haim, University of Haifa, Israel

Clinical applicability of glycated hemoglobin in the evolution of patients with hospital hyperglycemia
Beatriz Dal Santo Francisco Bonamichi, Hospital Irmandade Santa Casa de Sao Paulo, Brazil

Steroid signalling and temperature-dependent sex determination: Synergism between temperature and estradiol in an oviiparous lizard
Laxmi S Inamdar, Karnatak University, India

Adiponectin and atherosclerosis in type 2 diabetes
Aasem Saif, Cairo University, Egypt

Panel Discussion

Day 2 November 03, 2015
Grand Salon B

Keynote Forum

09:30-10:05  Joshua Barzilay
Emory University School of Medicine, USA

10:05-10:40  Robert Zorec
Celica Biomedical Center, Slovenia

Networking & Refreshments 10:40-11:00 @ Foyer

Track 5: Current Advances in Endocrinology & Metabolism
Track 6: Thyroid Gland and its Disorders
Track 7: Reproductive Endocrinology

Session Chair: Gregory Lee, University of British Columbia, Canada
Session Co-Chair: Alessandro Antonelli, University of Pisa, Italy

Session Introduction

11:00-11:25  Anti-GNRH receptor monoclonal antibodies as bioequivalent analogs of GNRH
Gregory Lee, University of British Columbia, Canada

11:25-11:50  Invasive, atypical and aggressive pituitary adenomas and carcinomas
Aydin Sav, Acibadem University, Turkey

11:50-12:15  Autoimmune thyroid diseases
Alessandro Antonelli, University of Pisa, Italy

12:15-12:40  Hormonal regulation of sertoli cell proliferation: Role of insulin and IGF-1
Eloisa da S Loss, Federal University of Rio Grande do Sul, Brasil

Lunch Break 12:40-13:40 @ Restaurant

Featured Symposium: Hypertension in 2015

13:40-14:40  Jose Mario F De Oliveira, Universidade Federal Fluminense, Brazil & Philip D Houck, Baylor Scott & White Healthcare, USA

Genetic study and TRH test for re-evaluation of congenital hypothyroidism in Taiwan
Mei-Chyn Chao, Kaohsiung Medical University, Taiwan

New CgA assay of Thermo Fischer in the monitoring of NET patient
Yolanda B De Rijke, University Medical Center Rotterdam, The Netherlands
Day 3  November 04, 2015

Grand Salon B

Track 8: Energy Balance and Obesity
Track 9: Treatment and Diagnosis of Endocrine Diseases
Track 10: Surgery
Track 11: Experts and Endocrinologists Meeting

Session Chair: Andrea Romani, Case Western Reserve University, USA
Session Co-Chair: Melissa Johnson, Tuskegee University, USA

Session Introduction

10:00-10:25  Increased cortisol production through the H6PD/11-β-HSD1 machinery in Mg2+ deficient liver cells: Role of NF-κB and inflammatory cytokines
Andrea Romani, Case Western Reserve University, USA

10:25-10:50  The impact of the omega-6/omega-3 fatty acid ratio and green vegetables on inflammatory biomarkers in the spontaneously hypertensive rat
Melissa Johnson, Tuskegee University, USA

Networking & Refreshments  10:50-11:10 @ Foyer

11:10-11:35  Applying laws of biology to diabetes with emphasis on metabolic syndrome
Philip D Houck, Baylor Scott & White Healthcare, USA

11:35-12:00  The target treatment of type 2 diabetes and the incidence of macrovascular diseases. What are we missing?
Jose Mario F De Oliveira, Universidade Federal Fluminense, Brazil

12:00-12:25  The influence of glycated hemoglobin in a study comparing patients who required hospitalization or not
Beatriz Dal Santo Francisco Bonamichi, Hospital Irmandade Santa Casa de Sao Paulo, Brazil

12:25-12:50  The effects of assisted reproductive technology on the DNA stability and its epigenetic modification in the offspring
Mu Yuan, Zhejiang University, China

Lunch Break 12:50-13:50 @ Restaurant

13:50-14:15  The effects of HIV infection on pregnancy hormones within 28 weeks of pregnancy
Okeke Chukubike U, Federal University of Technology, Nigeria

14:15-14:40  Abdominal obesity phenotypes and risk of cardiovascular disease in a decade of follow-up: The Tehran lipid and glucose study
Maryam Barzin, Shahid Beheshti University of Medical Sciences, Iran

Panel Discussion

Closing & Award ceremony