

Scientific Program

3rd International Conference on

Endocrinology

November 02-04, 2015 Atlanta, USA

OMICS International Conferences:

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Scientific Program

Day 1 November 02, 2015

09:00-10:00 Registrations

Grand Salon B



10:00-10:30

Opening Ceremony

Keynote Forum

10:30-11:05 **Philip D Houck**
Baylor Scott & White Healthcare, USA

Networking & Refreshments 11:05-11:25 @ Foyer

11:25-12:00 **Giuseppe d'Annunzio**
IRCCS Giannina Gaslini Institute, Italy

Group Photo

Track 1: General Endocrinology
Track 2: Diabetic Disorders and Treatment
Track 3: Neuro Endocrinology
Track 4: Challenges of Endocrinology

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

12:00-12:25 **Embryonic development of the gonadotropin-releasing hormone neuronal system in transgenic Zebrafish**

Yali Zhao, David Geffen School of Medicine

12:25-12:50 **Transgenerational developmental programming: Effects of pre-natal stress on the hypothalamo-pituitary-adrenal axis and behaviour in the Japanese quail**

Cedric Zimmer, University of St Andrews, UK

12:50-13:15 **Insulin action in the brain regulates branched-chain amino acid (BCAA) metabolism**

Andrew C Shin, Icahn School of Medicine at Mount Sinai, USA

Lunch Break 13:15-14:15 @ Restaurant

14:15-14:40 **Determination of factors that lead to enhanced infection & impaired healing in diabetic wound**

Sasha Shafikhani, Rush University Medical Center, USA

14:40-15:05 **Sleep and breathing in Prader-Willi syndrome**

Mary Cataletto, Winthrop University Hospital, USA

15:05-15:30 **Association of genetic variability with type 2 diabetes and cardiovascular disease in Mexican subjects**

Irma Zamora-Ginez, Benemerita Universidad Autonoma de Puebla, Mexico

15:30-15:55 **The descending sympathetic pathways from dorsomedial hypothalamus: critical links to understand stress-related and obesity-related cardiovascular diseases**

Marco Antonio Peliky Fontes, Universidade Federal de Minas Gerais, Brazil

Networking & Refreshments 15:55-16:15 @ Foyer

- 16:15-16:40** **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
- 16:40-17:05** **Artificial light at night and melatonin production: Possible impact on human health due to epigenetically modifications**
Abraham Haim, University of Haifa, Israel
- 17:05-17:30** **Clinical applicability of glycosylated hemoglobin in the evolution of patients with hospital hyperglycemia**
Beatriz Dal Santo Francisco Bonamichi, Hospital Irmandade Santa Casa de Sao Paulo, Brazil
- 17:30-17:55** **Steroid signalling and temperature-dependent sex determination: Synergism between temperature and estradiol in an oviparous lizard**
Laxmi S Inamdar, Karnatak University, India
- 17:55-18:20** **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

- 13:40-14:40** **Featured Symposium: Hypertension in 2015**
Jose Mario F De Oliveira, Universidade Federal Fluminense, Brazil & **Philip D Houck**, Baylor Scott & White Healthcare, USA
- 14:40-15:05** **Genetic study and TRH test for re-evaluation of congenital hypothyroidism in Taiwan**
Mei-Chyn Chao, Kaohsiung Medical University, Taiwan
- 15:05-15:30** **New CgA assay of Thermo Fischer in the monitoring of NET patient**
Yolanda B De Rijke, University Medical Center Rotterdam, The Netherlands

15:30-15:55 **Neurovascular unit: An integrated endocrine organ**
Joy Varghese, Global Hospitals, India

Networking & Refreshments 15:55-16:15 @ Foyer

16:15-16:40 **Effect of genistein on proinflammatory cytokines and estrogen receptor- β in mice model of endometriosis**
Sutrisno, Brawijaya University, Indonesia

Poster Presentations 13:40-16:40

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- κ B 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 **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