

# Scientific Program

International Conference on

## Targeting Diabetes and Novel Therapeutics

September 14-16, 2015 Las Vegas, Nevada, USA



**OMICS International Conferences:**

2360 Corporate Circle, Suite 400 Henderson, NV 89074-7722, USA  
Ph: +1-888-843-8169, Fax: +1-650-618-1417, Toll free: +1-800-216-6499  
Email: [diabeticmedications@omicsgroup.com](mailto:diabeticmedications@omicsgroup.com)

## Flamingo



09:00-09:30

# Opening Ceremony

## Keynote Forum

- 09:30-10:10** **Patrick G Sullivan**  
University of Kentucky, USA
- 10:10-10:50** **Maria Faresjo**  
Jonkoping University, Sweden
- 11:10-11:50** **Khalid Alnemer**  
AL-Imam University, Saudi Arabia

Coffee Break 10:50-11:10 @ Atrium

- Track 1: Diabetes Medications**  
**Track 2: Type 2 Diabetes- therapies and Treatments**  
**Track 3: Alternative Treatment for Diabetes**  
**Track 4: Diabetic Diet and Prevention**

**Session Chair: Patrick G Sullivan, University of Kentucky, USA**  
**Session Co-Chair: Mohamed El-Far, Mansoura University, Egypt**

## Session Introduction

- 11:50-12:15** **Association between glycemic status and oral *Candida* carriage in patients with prediabetes**  
**Fawad Javed**, University of Rochester, USA
- 12:15-12:40** **Acquired methemoglobinemia in diabetics blood exposed to organic nitrites and organic nitrates**  
**John Philip Tarburton**, National University, USA
- 12:40-13:05** **Triggering central role of antioxidant defense in the management of Diabetes in potential therapy by stem cells, Silymarin and Silibinin in diabetic rats: An overview**  
**Mohamed El-Far**, Mansoura University, Egypt

Lunch Break 13:05-13:45 @ Atrium

- 13:45-14:10** **Pump therapy in Type 2 Diabetes: Novel approach to glycemic control**  
**Shagun Bindlish**, Capital Region Diabetes and Endocrine Care, USA
- 14:10-14:35** **Diet as a therapeutic intervention-Why our current guidelines are doomed to fail and why epigenetics offers the way forward?**  
**Shirley Mcilvenny**, The Food Coach Institute, Australia
- 14:35-15:00** **Current status of Diabetes and a need for novel formulations of thiazolidinediones**  
**Gannu Praveen Kumar**, Sahasra Institute of Pharmaceutical Sciences, India
- 15:00-15:25** **Decellularized pancreas bioscaffold generation aiming at Type 1 Diabetes therapeutics**  
**Marluce Da Cunha Mantovani**, University of Sao Paulo, Brazil

Coffee Break 15:25-15:45 @ Atrium

- 15:45-16:10** **Quality assessment of dietary carbohydrate for normal and diabetic subjects**  
**Kasturi Sen Ray**, Tata Institute of Social Sciences (TISS), India
- 16:10-16:35** **Effect of caloric restriction on sirtuin-1 disorders associated with Diabetes in male rats**  
**Manal Mahmoud**, Cairo University, Egypt
- 16:35-17:00** **Carbonic anhydrase: A new therapeutic target for managing Diabetes**  
**Salihu Ibrahim Ismail**, Federal University Dutse, Nigeria
- 17:00-17:25** **Update on Gestational Diabetes: Diagnosis to delivery and beyond**  
**Shagun Bindlish**, Capital Region Diabetes and Endocrine Care, USA
- 17:25-17:50** **The prevalence of Type 2 Diabetes Mellitus in the United Arab Emirates: Justification for the establishment of the Emirates Family Registry**  
**Habiba AlSafar**, Khalifa University, UAE

## Panel Discussion

Cocktail 18:00-19:00 @ Atrium

Day 2 September 15, 2015

## Flamingo

### Keynote Forum

- 09:30-10:10 **Anil K Mandal**  
University of Florida, USA
- 10:10-10:50 **Christain Dani**  
French National Institute for Health and Medical Research, France

Coffee Break 10:50-11:10 @ Atrium

- 11:10-12:10 **Workshop on role of a preventive national program in combating Diabetes Mellitus & Cardiovascular Diseases**  
**Osman Amine El-Labban**, Al Zahra Private Hospital, UAE

**Track 5: Diabetic Cure and Diagnosis**

**Track 6: Diabetes Research in Clinical Practice**

**Track 7: Islet Transplantation and Beta Cell Targeting**

**Track 8: Advanced Medications for Diabetes Complications**

**Session Chair: Fawad Javed**, University of Rochester, USA

**Session Co-Chair: Ivet Borissova Koleva**, Medical University of Sofia, Bulgaria

Session Introduction

- 12:10-12:35 **Human induced pluripotent stem cells: A new source for brown and white adipocytes**  
**Christain Dani**, French National Institute for Health and Medical Research, France
- 12:35-13:00 **Recombinant production of human skin growth factors for effective treatments for hard-to-heal wounds**  
**Wan Keung R Wong**, Hong Kong University of Science and Technology, Hong Kong

Lunch Break 13:00-13:40 @ Atrium

- 13:40-14:05 **Impact of Diabetes on hospital adverse cardiovascular outcomes in Acute Coronary Syndrome patients: Data from the Saudi project of acute coronary events**  
**Khalid Alnemer**, AL-Imam University, Saudi Arabia
- 14:05-14:30 **CD4+CD25+ cells in Type 1 diabetic patients with other autoimmune manifestations**  
**Mona Hafez**, Cairo University, Egypt
- 14:30-14:55 **Association of oxidative stress induced by iron status to the risk of Gestational Diabetes Mellitus-A pilot study**  
**Samar Rachidi**, Lebanese University, Lebanon
- 14:55-15:20 **The relationship between serum levels of IGF-1 and components of the metabolic syndrome in Saudi patients**  
**Amal Baalash**, Tanta Faculty of Medicine, Egypt

Coffee Break 15:20-15:40 @ Atrium

- 15:40-16:05 **Vitamin D deficiency in Diabetic peripheral neuropathy: Prevalence, repletion and treatment outcomes**  
**Rajashree Khot**, Indira Gandhi Govt Medical College, India
- 16:05-16:30 **Impact of physical modalities in prevention and rehabilitation of Diabetic Polyneuropathy and Neuropathic diabetic foot**  
**Ivet Borissova Koleva**, Medical University of Sofia, Bulgaria

Panel Discussion

Poster Sessions 16:30-17:00 @ Atrium

Award Ceremony 17:00-17:30

Cocktail 18:00-19:00 @ Atrium

Day 3 September 16, 2015

## Flamingo

**Track 9: Computational Biology of Diabetes**

**Track 10: Recent Research and Advanced Technologies for Diabetes Care**

**Track 11: Risk Factors and Related Diseases of Diabetes**

**Session Chair: Osman Amine El-Labban**, Al Zahra Private Hospital, UAE

**Session Co-Chair: Christain Dani**, French National Institute for Health and Medical Research, France

Session Introduction

- 09:30-09:55 **Is pregnancy the right time to intervene? Maternal exercise improves insulin sensitivity in rodent offspring**  
Kevin J Pearson, University of Kentucky, USA
- 09:55-10:20 **Targeting IKK $\beta$  signaling for treatment of obesity and Diabetes**  
Changcheng Zhou, University of Kentucky, USA
- 10:20-10:45 **Evaluation of the impact of abdominal obesity on glucose and lipid metabolism disorders in adults with Down syndrome**  
Pedro Parra Caballero, Hospital Universitario La Princesa, Spain

Coffee Break 10:45-11:05 @ Atrium

- 11:05-11:30 **Novel hybrid compounds from thiosemicarbazone and triazole as antidiabetic agents and their antioxidant potentials**  
Ademola Ayeleso, North West University, South Africa
- 11:30-11:55 **Modification of dietary fiber psyllium for use in oral insulin delivery**  
Nirmala Chauhan, Himachal Pradesh University, India

Video Presentation

- 11:55-12:10 **Weight loss therapy with acupuncture effecting HbA1c levels**  
Feriye Caliskan Tur, Tepecik Training and Research Hospital, Turkey

Panel Discussion

Lunch Break 12:30 @ Atrium

## Bookmark your dates

11<sup>th</sup> International Conference and Exhibition on

# Targeting Diabetes and Novel Therapeutics

October 17-19, 2016 Kuala Lumpur, Malaysia

Website: <http://diabeticmedications.conferenceseries.com>



#### OMICS Group Inc.

2360 Corporate Circle, Suite 400  
Henderson, NV 89074-7722, USA  
Ph: +1-888-843-8169  
Fax: +1-650-618-1417  
[contact@omicsgroup.com](mailto:contact@omicsgroup.com)

#### OMICS International

5716 Corsa Ave., Suite 110, Westlake  
Los Angeles, CA 91362-7354, USA  
Ph: +1-650-268-9744  
Fax: +1-650-618-1414  
[contact.americas@omicsonline.org](mailto:contact.americas@omicsonline.org)

#### OMICS Group

SEZ Unit, Building No. 20, 9<sup>th</sup> Floor  
APIIC Layout, HITEC City  
Hyderabad-500081, Telangana, INDIA  
Ph: 040-40131823, 040-47482222  
[contact.asiapacific@omicsonline.org](mailto:contact.asiapacific@omicsonline.org)

#### Toll free

USA & Canada: +1-800-216-6499  
Australia: +1-800-651-097  
Europe: 0805-080048