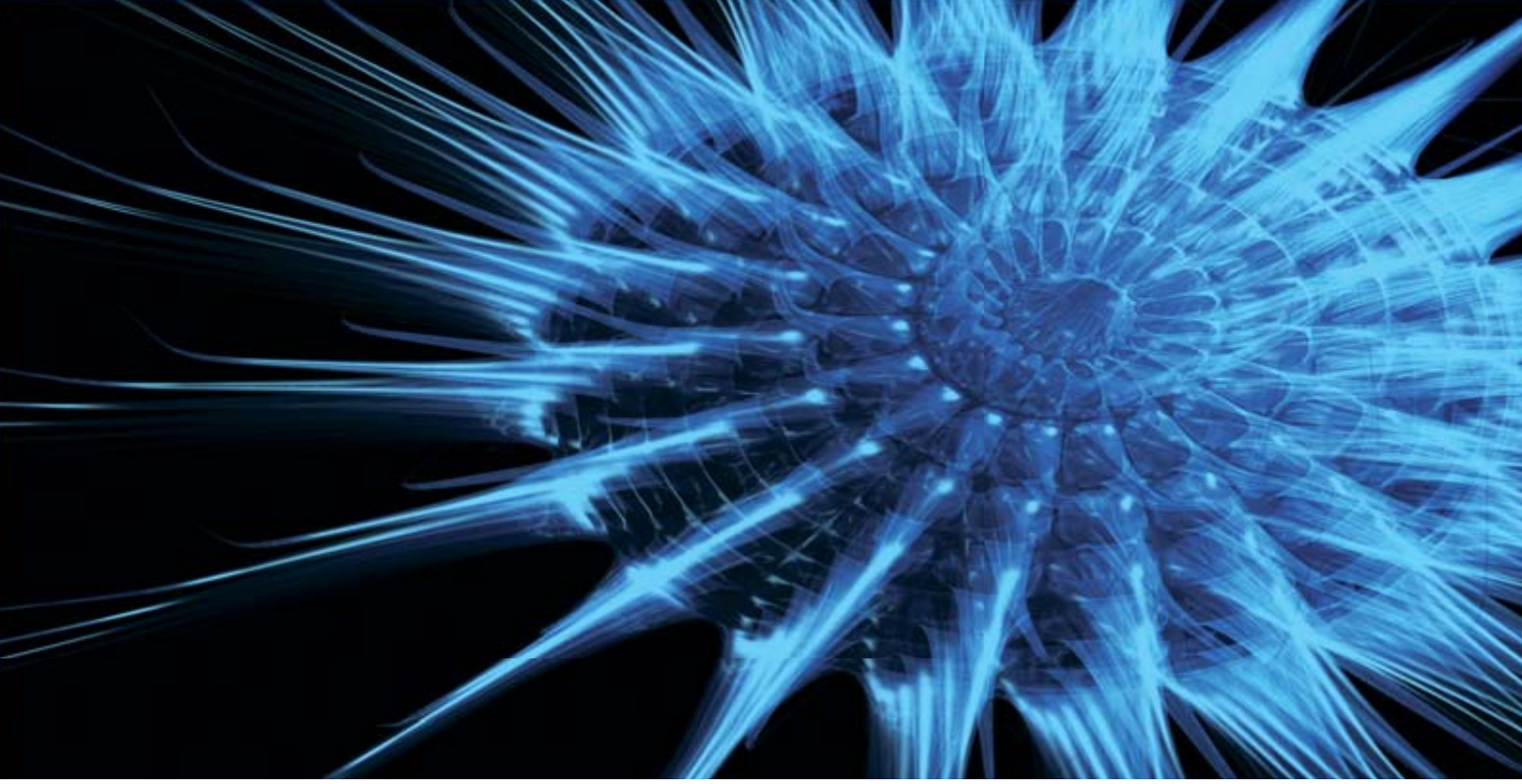


Scientific Program

2nd World Congress on DIABETES & METABOLISM

6-8 December 2011 Philadelphia Airport Marriott, USA

Conference Secretariat
5716 Corsa Ave., Suite 110, Westlake, Los Angeles, CA 91362-7354, USA
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E-mail: diabetes2011@omicsonline.org

18:00-19:00	**Registrations**	**5 December 2011**

Day 1 6 December 2011

7:30-9:00	**Registrations - Salon B Foyer**
8:30-8:55	**Breakfast - Foyer**

OMICS Group Conferences
Accelerating Scientific Discovery

Salon B
9:00-9:30

Opening Ceremony

Keynote Forum

9:30-9:35	**Introduction**
9:35-10:00	**Dr. Kenneth Maiese** New Jersey Medical School, USA
10:00-10:25	**Dr. GR Sridhar** Endocrine and Diabetes Centre, India
10:25-10:45	**Dr. Sanjay Awasthi** Beckman Research Institute, USA
	Coffee Break: 10:45- 11:05 - Foyer
11:05-11:25	**Dr. Sultan Ayoub Meo** King Saud University, Saudi Arabia

Track 1-1: Clinical Case Reports & Clinical Endocrinology Practices

Track 1-2: Glycemic Control and Blood Glucose Monitoring in the Hospital

Session Introduction - Salon B

11:30-11:50	**Title: Insomnia linked to a T2D Gene** Dr. Claudia Gragnoli, Pennsylvania State University, USA
11:50-12:10	**Title: Gila River Health Care (GRHC) Diabetes Care Program (DCP)—A team based approach to improve diabetes care and prevent Cardiovascular Disease (CVD)** Dr. Leonard R Sanders, Gila River Health Care, USA
12:10-12:30	**Title: Effect of single nucleotide polymorphism on lipid lowering response to rosuvastatin in insulin resistance syndrome** Dr. Misbahuddin Mohammad Rafeeq
	Lunch: 12:30-13:00 - Salon G
13:00-13:20	**Title: The percentage increment of 2h glucose with respect to baseline can help to discover normal glucose tolerant subjects at high risk for glucose derangement.** Dr. Fra Gian Paolo, Amedeo Avogadro University, Italy
13:20-13:40	**Title: Lung function in Saudi diabetic patients** Dr. Abdul Majeed Al-Drees, King Saud University, Kingdom of Saudi Arabia

13:40-14:00 Title: Pragmatic therapy of diabetes

Dr. Anil K. Mandal, Mandal Diabetes Research Foundation, USA

Track 1-3: Clinical Diagnosis & Laboratory Tests

Track 1-4: Comparative Clinical and Cost Effectiveness of Advanced Diabetes-related Technologies

14:00-14:20 Title: Antihyperglycemic Effect of Camel Milk in Streptozotocin-Diabetic Rats root, on glycoprotein components in streptozotocin-diabetic rats

Dr. Khalid S. Al-Numair, King Saud University, Saudi Arabia

14:20-14:40 Title: Experimental and clinical studies of the hypoglycemic, hypocholesterolemic and other beneficial properties of red onion (ALLIUM CEPA L.)

Dr. Imad M. Taj Eldin University of Gezira, Sudan

14:40-15:00 Unhealthy Diet Intake during the Peri-Natal and Adult Periods: Detrimental Neuroendocrine and Metabolic Effects

Dr. Eduardo Spinedi, Multidisciplinary Institute on Cell Biology (CONICET-CICPBA) La Plata-Argentina

Track 2-1: Strategies in Glucose Management & Patient Care

Track 2-5: Hypertension

Session Introduction - Salon B

15:00-15:20 Title: Diabetes care for older patients in America

Dr. Xiaoxing He, Cleveland State University School of Health Sciences, USA

15: 20- 15:40 Title: Aromatic and medicinal plants and type 2 diabetes in Iberian Peninsula

Dr. Fernanda M. Ferreira Agricultural College of Coimbra, Portugal

Coffee Break: 15:40-15:55 - Foyer

15:55- 16:15 Title: Management of hyperglycemia in severely-burned patients

Dr. Mecott Gabriel, Universidad Autonoma de Nuevo León, Mexico

16:15 - 16:35 Title: Inhibition of angiotensin converting enzyme (ACE) by fruit flavonoids in regulation of hypertension

Prof. H.P.Vasantha Rupasinghe, Nova Scotia Agricultural College (NSAC), Canada

Track 2-2: Dietary Management & Physical Activity for Diabetics

Track 2-3: Diabetic Foot: Care & Management

Track 2-4: Diabetic Retinopathy

16:35 - 16:55 Title: Development of functional foods tailored for type 2 diabetes prevention

Dr. Emmanouil Apostolidis, Framingham State University, USA

16:55 - 17:15 Title: Intervention of nutritional drink (SAI) in poorly controlled hyperglycemic patients with type 2 diabetes despite oral anti diabetic drugs treatment: Randomized controlled trial

Dr. Vijai K. Pasupuleti, SAI International, USA

17:15 - 17:35 Title: Intradermal delivery of fast acting insulin for diabetes management

Dr. Bai Xu, Chinese Academy of Sciences, China

17:35 - 17:55 Title: Aerobic Exercise Restores Most of the Left Ventricular Hemodynamic Parameters in Zucker diabetic fatty rats, a model of type 2 diabetes

Dr. Irina V. Smirnova, University of Kansas Medical Center, USA

17:55- 18:15 Title: Antioxidants Role of Camel Milk in Streptozotocin-Diabetic Rats

Dr. Mohammed A. Alsaif, King Saud University, Riyadh , Saudi Arabia

18:15-18:35 Title: Nigerian athletes and diabetes: an awakening

Dr. Ebubechukwu Obi, Boot Resources Limited, Nigeria

18:35-18:55 Title: Ankle equinus contracture secondary to diabetes mellitus, reduced with dynamic splinting

Dr. F. Buck Willis, Landmark Medical, USA

18:55-19:15 Mobile phone use: As it a risk to develop diabetes mellitus?

Prof: Sultan Ayoub Meo, King Saud University, Saudi Arabia

Dinner 20:00- 21:00 - Salon A

Day 2 7 December 2011

Salon B

Track 3-1: Micro Vascular Complications: Retinopathy, Neuropathy and Nephropathy

Session Introduction - Salon B

8:40- 9:00 Title: Potentialities of developing and evaluating OCT biomarkers for detecting early retinal damage in diabetic patients using optical coherence tomography

Dr. Delia Cabrera DeBuc, University of Miami Miller School of Medicine, USA

9:00-9:20 Title: Brainstem Thyrotropin-Releasing Hormone (TRH) triggered Sympathetic overactivation in Type 2 Diabetes

Dr. Hong Yang, UCLA School of Medicine, USA

9:20-9:40 Title: Modulation of kidney SGLT2 gene expression in response to diabetes

Dr. Niloofar M. Tabatabai, Medical College of Wisconsin, USA

Track 3-2: Macro Vascular Complications: Coronary Artery Diseases, Cardiomyopaty, and Stroke

9:40-10:00 Title: Multi-dimensional prevention program after acute coronary syndrome (elips)

Dr. Pierre-Frederic Keller, University Hospitals, Switzerland

10:00-10:20 Title: Role of IR and IL-12 in endothelial dysfunction and progression of cardiovascular complication in diabetics

Dr. Kamalakar Tripathy, Banaras Hindu university, India

Coffee Break: 10:20-10:35 - Foyer

10:35-10:55 Title: Diallyl trisufide (DATS) suppresses high glucose-induced cardiomyocyte apoptosis by inhibiting JNK/NFB signaling via attenuating NADPH oxidase-derived ROS generation

Dr. Wei-Wen Kuo, China Medical University, Taiwan

10:55-11:15 Title: Effects of Thiazolidinediones (TZDs) on vascular endothelial function in patients with type 2 Diabetes treated with oral agents or insulin

Dr. Katerina Papathanassiou, Ioannina University Hospital, Greece

11:15-11:35 Title: Interaction of gene polymorphisms in diabetic-CAD patients from Hyderabad- a cosmopolitan city in India

Dr. G. Mala, Centre for Cellular and Molecular Biology- Hyderabad, India

11:35-11:55 Title: Physiological and molecular aspects of cardiovascular disease in type 2 diabetes

Dr. Eugenio Cersosimo, University of Texas, USA

Lunch: 11:55- 12:30 - Salon G

Track 3-3: Latent Autoimmune Diabetes of Adults (LADA)

Track 3-4: Hypogycemia- Treatment & Complications

Track 3-5: Gender Differences in Hypoglycemia Responses or Metabolism

Session Introduction - Salon B

12:30-12:50	Title: The role of hypothalamic glucose-inhibited neurons in hypoglycemia detection and counter regulation Dr. Vanessa H. Routh, University of Medicine and Dentistry of New Jersey, USA
12:50-13:10	Title: Insulin-like factors prevent brain atrophy and cognitive disturbances in diabetic rats independently of hyperglycemia Dr. Douglas N. Ishii, Colorado State University, USA
13:10-13:30	Diabetes and obesity Dr. Muhammad Azhar Chishti, King Saud University, Saudi Arabia
13:30-13:50	Title: Secondary bile acids inhibit hepatic fatty acid uptake Dr. Biao Nie, University of California Berkeley, USA

Track 3-6: Genetics of Metabolic Syndrome: Challenges & Relation with Diabetes Mellitus

Track 3-7: Diabetic Gastro paresis

Track 4: Endocrinology: Patient-Oriented Case Management Discussions

13:40-14:10	Title: Diabetic gastroparesis: Role of tetrahydrobiopterin, a cofactor for neuronal nitric oxide synthesis Dr. Pandu R Gangula, Meharry Medical College, USA
14:10-14:30	Title: Implications and challenges of genetic studies of type 2 diabetes in African Americans Dr. Maggie CY Ng, Wake Forest University School of Medicine, USA
14: 30- 14:50	Title: Butyrylcholinesterase and metabolic syndrome Dr. GR Sridhar, Endocrine and Diabetes Centre, India
14:50-15:10	Title: Role of macrophage Ox-LDL receptor, CD36 and its genetic variants in type 2 diabetes Dr. Monisha Banerjee, University of Lucknow, India
15:10-15:30	Title: Comparison of McAuley/fasting insulin indices with ATP III clinical criteria for the diagnosis of insulin resistance in type 2 diabetes mellitus Dr. Hettihewa LM, Medicine University of Ruhuna Sri Lanka
15:30-15:50	Title: Metabolic syndrome in diabetic South Asian immigrants: Need for population specific guidelines for CAD control Dr. Sunita Dodani, Center for Post Polio Rehabilitation, USA
15:50-16:10	Title: Nerve conduction study of tibial nerve in tarsal tunnel entrapment in type 2 diabetes mellitus Dr. Ashraf Husain, King Saud University, Riyadh, Saudi Arabia

Coffee Break: 16:10 - 16:30 - Foyer

16:30- 16:50	Title: Multiplexed diabetes management device Ms. Teagan Adamson, Arizona State University, USA
16:50- 17:10	Title: Impact of maternal diabetes on early and long-term health of the offspring: implication of "metabolic memory" Dr. Akadiri Yessoufou University of Abomey-Calavi, Benin
17:10- 17:30	Title: Fetal lung maturation in diabetic pregnancies Dr. Miroslava Gojnic, University of Belgrade, Serbia

B2B 16:00

Poster Presentations 17:00

Cocktails 18:00 - Salon G

Track 5: Advanced Technologies for Treatment of Diabetes

Track 5-1: Insulin Pumps & Insulin Infusion Systems

Track 5-2: Blood Glucose Monitoring: Glucose Pumps& Sensors

Track 5-4: Artificial Pancreas

Track 5-5: Advanced Medical Technologies to be used in Hospitals

Track 5-6: Diabetes – Advances in Diagnosis & Treatment

Session Introduction - Salon B

17:30-17:50 **Title: Intrauterine hyperglycemia induces glucose intolerance transmission associating with altered Igf2/H19 expression in mouse islet**

Dr. Fang-fang Wang, Zhejiang University School of Medicine, Hangzhou, China

17:50- 18:10 **Title: Influence of 3-hydroxymethyl xylitol, a novel antidiabetic compound isolated from Casearia Esculenta (Roxb.) root, on glycoprotein components in streptozotocin-diabetic rats**

Dr. Govindasamy Chandramohan, King Saud University, Saudi Arabia

18:10-18:30 **Title: Reprogramming of human umbilical cord mesenchymal stem cells in vitro to promote pancreatic gene expression**

Dr. Ma Lien Shantou, University Medical College, China

18:30-18:50 **Title: T-D-CPHS - Treating diabetic patients with chronic renal disease using premixed insulins having higher proportion of soluble insulin**

Dr. Vinod Nikhra, Hindu Rao Hospital, India

18:50- 19:10 **Title: Overcoming barriers to diabetes control in geriatrics**

Dr. Emad Hammouda, Tawam Hospital, UAE

19:10- 19:30 **Title: Cyclin-Dependent Kinase 5 (CdK 5)/p35/p39: A new-fangled & imminent therapeutic target for diabetes mellitus**

Dr. Danish Ahmed, Sam Higginbottom Institute of Agriculture Technology & Sciences-Deemed University, India

Salon B

Day 3 8 December 2011

Track 6: Advancement of New Drug/Biomarker Discovery for Treatment of Diabetes

Track 6-1:Prognostic Biomarkers Track

6-2: Diabetic Nephropathy Biomarkers

Track 6-3: Diabetes: Clinical Trials and New Biomarkers under Development

Track 6-4: Diabetes: Drugs Development & Discovery

Track 6-5: Pharmacotherapy in Treatment of Diabetes

Session Introduction - Salon B

8:40- 9:00 **Title: Novel method for detection of diabetes by methylation-specific polymerase chain reaction**

Dr. Mohamed I. Husseiny, Beckman Research Institute of the City of Hope, USA

9:00-9:20 Title: A new approach to the care of hospitalized patients with Type 2 Diabetes Use of incretins to control hyperglycemia without undue hypoglycemia

Dr. Wenzheng Zhang, University of Texas Medical School at Houston, USA

9:20-9:40 Title: Hypoglycemic and Hypolipidemic activities of extracts from Elytraria Acaulis L. leaves in alloxan-induced diabetic rats

Dr. Estari Mamidala, Kakatiya University, India

9:40-10:00 Title: On the anti-diabetic potentials of lemon balm extract

Dr. Mehran Miroliaei, University of Isfahan, Iran

10:00-10:20 Title: Molecular basis of drug action at the glucagon-like peptide 1 receptor

Dr. Maoqing Dong, Mayo Clinic, USA

Coffee Break: 10:20-10:35 - Foyer

10:35-10:55 Title: Comparison of the clinical manifestations of type 2 diabetes mellitus between rhesus monkey M. m. Lasiotis and human being

Dr. Zeng Wen, Center for safety evaluation and research of Sinopharm, China

10:55-11:15 Title: Diabetes and Intestinal Mucosal Homeostasis

Dr. Sukhotnik Igor, Bnai Zion Medical Center Haifa, Israel.

11:15-11:35 Title: Identification of novel flavonoids for preventing diabetes

Dr. Dongmin Liu, Virginia Tech, USA

11:35-11:55 Title: Taurine & Analogues Pharmacotherapy of Diabetes.

Dr. R C Gupta, Nagaland University, India

11:55-12:15 Title: Antidiabetic drugs and micronutrients

Dr. Uwe Gröber Dresdner, International University, Dresden

12:15-12:35 Title: Novel association of the CD226 molecule in the progression of high fat diet-induced type 2 diabetic mice

Dr. Yuan Zhang, Fourth Military Medical University, China

12:35-12:55 Title: Endothelial Sampling and Molecular Analysis Coupled to Reactive Hyperemia Peripheral Arterial Tone Index: a Novel Approach to Study Endothelial Dysfunction and Vascular Infl ammation in Diabetic Patients

Dr. Duygu Onat, Columbia University, USA

Lunch: 12:55-13:20 - Salon G

Track 7: Computational Approaches for Diabetes

Track 7-1: Computational Biology-Diabetes Track

Track 7-2: Type 1 Diabetes

Track 7-3:Inflammatory Markers: Type 2 Diabetes

Track 7-4:Beta Cell Function

Track 8: Regulatory and Economic Aspects of Diabetes

Session Introduction - Salon B

13:20 - 13:40 Title: Translating glucose variability metrics into the clinic via a continuous glucose monitoring graphical user interface for diabetes evaluation (CGM-GUIDE)

Dr. Patrick Nelson, University of Michigan School of Medicine, USA

13:40-14:00 Title: Dynamic Stress Factor (DySF): A significant predictor of severe hypoglycemic events in children with Type 1 Diabetes

Dr. Afi Rawlings, University of Michigan Medical School, USA

14:00-14:20	Title: Monitoring site for individuals with diabetes: An example in Turkey
	Dr. Elif Unsal Avdal, Uludag University Health Science, Turkey
14:20-14:40	Title: Mechanism of DNA damage in diabetes
	Dr. Samy L Habib, The University of Texas Health Science Center, USA
14:40-15:00	Title: Impact of daily horseback riding on metabolic control in diabetes, improvement of insulin sensitivity and minimalization of insulin resistance in type one diabetics
	Mrs. Monika B. Chrzanowski, Polish Juvenile Diabetes Foundation, Poland
	Coffee Break: 15:00 - 15:15 - Foyer
15:15-15:35	Title: Impaired cleavage of preproinsulin signal peptide linked to autosomal dominant diabetes
	Dr. Ming Liu, University of Michigan University, USA
15:35-15:55	Title: Revisiting c-peptide measurement
	Dr. Heba Ismail, Seattle Children's Hospital, USA
15:55-16:15	Title: Multiplexed diabetes management device
	Mr. Zachary W Deck, Arizona State University, USA
16:15-16:35	Title: Health Informatics
	Dr Efthimios Parasidis, Centre For Health Law Studies St.Louis University School of Law USA
16:35-16:55	Lessons from the Failed Inhaled Insulins
	Dr. Vinod Nikhra, Hindu Rao Hospital, India

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Diabetes & Metabolism

13-15 September 2012 Hyderabad-HICC, India

