Scientific Program

13th Global Diabetes Conference and Medicare Expo

August 08-10, 2016  Birmingham, UK
### Scientific Program

**Day 1  August 08, 2016**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td><strong>08:30-09:00</strong></td>
<td>Registrations</td>
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**Meriden Suite**

**Keynote Forum**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker Information</th>
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<tbody>
<tr>
<td>09:30-10:00</td>
<td><strong>Insulin-like growth factors (IGFs) prevent diabetic peripheral neuropathy despite unabated hyperglycemia: Why hyperglycemia interventions fail in clinical trials?</strong></td>
<td>Douglas N Ishii, Colorado State University, USA</td>
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<tr>
<td>10:00-10:30</td>
<td><strong>The role of exenatide in managing cardiovascular risks and complications in patients with type 2 diabetes</strong></td>
<td>Omorogieva Ojo, University of Greenwich, UK</td>
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**Sessions:** Clinical Diabetes and Diagnostic Approaches, Diabetes and its Complications, Emerging Focus in Diabetes Research

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<tr>
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<tbody>
<tr>
<td>10:30-10:50</td>
<td><strong>The role of oxygen insufficiency in the onset and development of the vascular complications of diabetes</strong></td>
<td>Rachel M Knott, Robert Gordon University, UK</td>
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<td>10:50-11:10</td>
<td><strong>Diabetes abolishes ischemic post-conditioning cardioprotection by impairing adipor1/caveolin-3/STAT3 signaling</strong></td>
<td>Haobo Li, The University of Hong Kong, Hong Kong</td>
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**Coffee Break @ Albany Foyer 11:10-11:25**

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>11:25-11:45</td>
<td><strong>MitoPBN prevents reactive oxygen species-mediated mitochondria abnormalities and metabolic reprogram in diabetic mice</strong></td>
<td>Dong-Yun Shi, Shanghai Medical College of Fudan, China</td>
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<tr>
<td>11:45-12:05</td>
<td><strong>A correlative relationship between chronic pain and insulin resistance in Zucker fatty rats: Role of downregulation of insulin receptors</strong></td>
<td>Shuxing Wang, Guangdong Entomological Institute, China</td>
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**Sessions:** Diabetes and Associated Diseases, Complimentary and Alternative Medicine Therapy, Case Studies

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<tr>
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<tbody>
<tr>
<td>12:05-12:25</td>
<td><strong>The use of the Problem Areas In Diabetes (PAID) scale amongst patients with type 2 diabetes</strong></td>
<td>Lydiya Thomas, Aberdeen Royal Infirmary, UK</td>
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<td>12:25-12:45</td>
<td><strong>Experimental models of diabetes, complications, alternative and complementary approaches</strong></td>
<td>Yusuf Ozturk, Anadolu University, Turkey</td>
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<td>12:45-13:05</td>
<td><strong>Photobiomodulation at 660nm alters the expression of cell adhesion molecules and extracellular matrix proteins in a diabetic wounded fibroblast cell model</strong></td>
<td>Nicolette N Houreld, University of Johannesburg, South Africa</td>
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**Lunch Break @ Albany Foyer 13:05-14:05**
### Special Session on

**14:05-14:50**

The Importance of testosterone in the treatment of diabetes

**Malcolm Carruthers**, Centre for Men’s Health, UK

### Keynote Forum

**14:50-15:20**

Evaluation of trends in diabetes mellitus care in pediatric diabetes

**Michael Yafi**, University of Texas Health Science Center at Houston, USA

**15:20-15:50**

Title: Fat fight against fat, a potential medication in treating obesity

**Lixin Li**, Central Michigan University, USA

### Session Continuation

**15:50-16:10**

Title: The heart with impaired glucose tolerance: A time bomb

**Julieta Palomeque**, National University of La Plata, Argentina

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

**16:30-16:50**

Title: MODY 2 diabetes in Siberia: 3 years of follow up

**Alla Ovsyannikova**, Federal State Budgetary of Scientific Institution, Russia

**16:50-17:10**

Title: The relationship between snacking and risk of individual components of metabolic syndrome in normal-weight adults aged greater than 20 years in Ahvaz, Iran

**Ahmad Zare Javid**, Ahvaz Jundishapur University of Medical Sciences, Iran

**17:10-17:30**

Title: R-CBSTIMDS- Consumption of black soybean tofu improved metabolic syndromes of diabetic subjects

**Fransiska Rungkat Zakaria**, Bogor Agricultural University, Indonesia

**17:30-17:50**

Title: Study of metabolic and some hormonal aspects among pubertal type 1 diabetic girls

**Mohsen Khalid**, National Institute of Diabetes and Endocrinology, Egypt

### Day 2  August 09, 2016

Meriden Suite

### Keynote Forum

**09:30-10:00**

Title: Initial stages of diabetic nephropathy: The beginning of a catastrophe

**Jose L Reyes**, National Polytechnic Institute, Mexico

**10:00-10:30**

Title: Insulin regulatory secretory pathway: Role of thyrotropin releasing hormone

**Vladimir Strbak**, Slovak Academy of Sciences, Slovakia

**10:30-11:00**

Title: Cardiac β-adrenoceptor subtypes in diabetes: Regulation of cardiac β₂-adrenergic receptors

**Belma Turan**, Ankara University, Turkey

Coffee Break @ Albany Foyer 11:00-10:20

**11:20-11:50**

Title: Diabetes mellitus: Disorder of cellular dysfunction due to lack of entry into cell of glucose; the most efficient fuel for cellular function.

**Udaya M Kabadi**, University of Iowa, USA

### Special Session on

**11:50-12:35**

The future of type 2 diabetes management- Today and what to expect tomorrow

**Gaurav Sharma**, DrG Wellness Private Limited, India

### Session Chair: Lixin Li, Central Michigan University, USA

### Session Co-Chair: Haobo Li, The University of Hong Kong, Hong Kong

**12:35-12:55**

Title: Proinsulin peptide immunotherapy in new-onset type 1 diabetes is well tolerated and associated with a reduced daily insulin dose

**Mohammad Alhadj Ali**, Cardiff University Schhol of Medicine, UK
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<tr>
<th>Time</th>
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<tr>
<td>12:55-13:15</td>
<td><strong>Title:</strong> Effects of fasting glucose levels on the association between CDH13 (rs4783244) and adiponectin among Korean population</td>
<td><em>Jae Woong Sull,</em> Eulji University, South Korea</td>
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<td>14:15-14:35</td>
<td><strong>Title:</strong> The Impact of adipose tissue hypoxia on insulin sensitivity</td>
<td><em>Hande Ozge Altunkaynak,</em> Baskent University School of Medicine, Turkey</td>
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<td>14:35-14:55</td>
<td><strong>Title:</strong> KCNJ11 gene polymorphism E23K (rs5219): An association study in type 2 diabetes mellitus in Indian population of eastern Uttar Pradesh</td>
<td><em>Sunita Singh,</em> Banaras Hindu University, India</td>
<td></td>
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<td>14:55-15:15</td>
<td><strong>Title:</strong> Combining genomic and genetic knowledge to discover the underlying mechanism of diabetic cardiac dysfunction</td>
<td><em>Zipeng Liu,</em> The University of Hong Kong, China</td>
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<tr>
<td>15:15-15:35</td>
<td><strong>Title:</strong> Association of TCF7L2 rs12255372 (G/T) and PPARγ rs1801282 (C/G) gene polymorphisms in type 2 diabetes mellitus: A case-control study in Indian population of Eastern Uttar Pradesh</td>
<td><em>Gopeshwar Narayan,</em> Banaras Hindu University, India</td>
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<tr>
<td>15:35-15:55</td>
<td><strong>Title:</strong> Obesity and the incidence of apolipoprotein E polymorphisms in an assorted population from Saudi Arabia population</td>
<td><em>Khalid K Alharbi,</em> King Saud University, Saudi Arabia</td>
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<td>15:55-16:15</td>
<td><strong>Title:</strong> Sitagliptin as combination therapy in the treatment of inadequately controlled type 2 diabetes</td>
<td><em>Yuliia Klitsunova,</em> Zaporizhia Medical Academy, Ukraine</td>
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**Poster Presentations from 16:15-16:50**

**Award Ceremony**

**Day 3  August 10, 2016**

**Extended Networking Session**

Lunch Break @ Albany Foyer 12:30-14:00