<table>
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<tr>
<th>Time</th>
<th>Session/Activity</th>
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<tr>
<td>09.00 hrs</td>
<td>Inauguration</td>
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<td>09.00 hrs</td>
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<td></td>
<td>Nuclear reprogramming and cell replacement prospects.</td>
<td>Sir John Gurdon, DPhil DSc FRS</td>
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<td></td>
<td>2012 Nobel Prize in Medicine</td>
<td>Distinguished Group Leader in the Wellcome Trust / CRUK Gurdon Institute, Cambridge, UK</td>
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<tr>
<td>11.00 hrs</td>
<td>Exhibition &amp; Poster Session Inauguration</td>
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<td>Session I:</td>
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<td></td>
<td>Chairpersons:</td>
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<td></td>
<td>• T. K. Chakraborty, Ph.D., Professor, Department of Organic Chemistry, Indian Institute of Science, Bangalore</td>
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<td></td>
<td>• Dhavalkumar D. Patel, M.D., Ph.D., Head, Novartis Institute of Biomedical Research Europe, Basel, Switzerland</td>
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<td>12.00 hrs</td>
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<td>Design of drugs to treat influenza A virus infections and tissue fibrosis.</td>
<td>Bill DeGrado, Ph.D.</td>
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<td></td>
<td>Professor, The DeGrado Laboratory</td>
<td>Department of Pharmaceutical Chemistry</td>
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<td></td>
<td>University of California, San Francisco, USA</td>
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<td>Jeff Kelly, Ph.D.</td>
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<td>Lita Annenberg Hazen Professor of Chemistry</td>
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<td>Chairman, Department of Molecular and Experimental Medicine</td>
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<td>The Kelly Group, The Scripps Research Institute</td>
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<td>La Jolla, California, USA</td>
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<td>Gregory L. Verdine, Ph.D</td>
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<td>Erving Professor of Chemistry</td>
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<td>Harvard Department of Stem Cell and Regenerative Biology</td>
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<td></td>
<td></td>
<td>Harvard University, Cambridge, USA</td>
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<td>15.15 hrs</td>
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<td></td>
<td>Design, Development and Clinical Evaluation of Ligand-Targeted Therapies and Imaging Agents</td>
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<td>Phil Low, Ph.D.</td>
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<td>Ralph C. Corley Distinguished Professor of Chemistry and Director of the Purdue Center for Drug Discovery, USA</td>
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<td>16.00 hrs</td>
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<td>Tea Break</td>
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<td>Butelase 1 for C-terminal-specific Ligation and Macrocyclization of Peptides and Proteins</td>
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<td>James P. Tam, Ph.D.</td>
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<td>Professor, Division of Structural Biology &amp; Biochemistry</td>
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<td>School of Biological Sciences, Nanyang Technological University, Singapore</td>
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<td>Chemical Biotechnology Applied to Metabolic Diseases</td>
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<td>Richard DiMarchi, Ph.D.</td>
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<td>Standiford H. Cox Distinguished Professor of Chemistry</td>
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<td>Linda &amp; Jack Gill Chair in Biomolecular Sciences</td>
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<td>Indiana University, USA</td>
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<td>17.45 hrs</td>
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<td>Panel Discussion</td>
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Session II: Chairpersons:
- Dr. D. Ramaiah, F.A.Sc; Director, CSIR-North East Institute of Science and Technology (CSIR-NEIST)
- Professor Alok Dhawan; Director, Institute of Life Sciences (ILS)

09.00 hrs

Novel approaches to the prevention and treatment of type 2 diabetes

Matthias H. Tschöp, M.D, Ph.D
Alexander-von-Humboldt Professor, Research Director, Helmholtz Diabetes Center
Director, Institute for Diabetes and Obesity, Helmholtz Zentrum München
Chair, Division of Metabolic Diseases, Department of Medicine, Technische Universität München

9.45 hrs

A small molecule that addresses both insulin requirement and insulin resistance

Prof. Samir Bhattacharya, Ph.D, FNA, FASc, FNASc
(Former Director Indian Institute of Chemical Biology, Kolkata)
Emeritus Professor, NASI Senior Scientist, School of Life Science, Visva-Bharati, Santiniketan
CSIR-North-East Institute of Science and Technology, Jorhat, INDIA

10:30

Tea Break & Poster Session

11.30 hrs

Targeting The IL-17 Pathway In Autoimmune Diseases

Dhavalkumar D. Patel, M.D., Ph.D.
Head, Novartis Institute of Biomedical Research Europe, Basel, Switzerland

12.15 hrs

Norbert Riedel, Ph.D
President and Chief Executive Officer Naurex Inc

13.00 hrs

Lunch
Session III:

Chairpersons:
- Charles F. Burant, M.D., Ph.D; Dr. Robert C. and Veronica Atkins Professor of Metabolism, The Burant Lab, University of Michigan Medical School, USA
- Bill DeGrado, Ph.D.; Professor, The DeGrado Laboratory, Department of Pharmaceutical Chemistry, University of California, San Francisco

14.00 hrs
In search of novel therapeutic approaches to improve insulin sensitivity
**Philip Larsen, MD, Ph.D**
Global Head of Diabetes Research and Translational Science, Sanofi Aventis

14.45 hrs
Cardiovascular risk milieu in nonalcoholic fatty liver disease
**Naga Chalasani, MD, FACG**
Professor of Medicine, Professor of Cellular & Integrative Physiology Division of Gastroenterology and Hepatology, Indiana University School of Medicine, Indianapolis, USA

15.30 hrs
**Jorge Plutzky, MD**
Director, Lipid/Prevention Clinic, Co-Director, Preventive Cardiology, Cardiovascular Division, Brigham and Women’s Hospital, Harvard Medical School, USA

16.15 hrs
Tea Break

16.45 hrs
Diabetes: The Greatest Epidemic in the 21st Century?
**Paul Zimmet, AO MD PhD FRACP FRCP FTSE**
Director Emeritus, Victor Smorgon Diabetes Centre, Baker IDI Heart and Diabetes Institute Adjunct Professor, Monash University, Honorary President, International Diabetes Federation, Chair, Programme Committee, World Diabetes Congress 2013, Melbourne, Australia

17.15 hrs
**Shaukat M. Sadikot, M.D.**
President-Elect, International Diabetes Federation 2013-2015, President of DiabetesIndia, Consultant Endocrinology, Jaslok Hospital and Research Center

17.45 hrs
Panel Discussion
Session IV : Chairpersons:

- Naga Chalasani, MD, FACG; Professor of Medicine, Professor of Cellular & Integrative Physiology, Division of Gastroenterology and Hepatology, Indiana University School of Medicine, Indianapolis, USA
- Paul Zimmet, AO MD PhD FRACP FRCP FTSE; Director Emeritus, Victor Smorgon Diabetes Centre, Baker IDI Heart and Diabetes Institute, Australia

09.00 hrs
Discouring and Developing Drugs in India: A Scientific and Regulatory Perspective  
Dr. Y.K. Gupta, MBBS, MD, FAMS, FNASc, FIPS, FIAN  
Professor and Head, Pharmacology, AIIMS, India

09.30 hrs
Reprogramming of PPARγ super-enhancers during browning of human adipocytes  
Susanne Mandrup, Ph.D.  
Professor, Department of Biochemistry and Molecular Biology  
University of Southern Denmark

10.15 hrs
Parenchymal-stromal Cell Interaction in Metabolic Diseases  
Yoshihiro Ogawa, M.D., Ph.D.  
Professor and Chairman  
Department of Molecular Endocrinology and Metabolism, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Japan

11.15 hrs
Tea Break

11.30 hrs
Innate Mechanisms of Metabolic Homeostasis  
Ajay Chawla, M.D., Ph.D.  
Associate Professor, University of California, San Francisco, Cardiovascular Research Institute, USA

12.15 hrs
Multifaceted function of the transcription regulator PPAR  
Walter Wahli, Ph.D  
Professor, Center for Integrative Genomics, University of Lausanne, Switzerland, Professor of Metabolic Disease, Lee Kong Chian School of Medicine, Imperial College London & Nanyang Technological University, Singapore

13.00 hrs
Lunch
Session V:

Chairpersons:
- Philip Larsen, MD, Ph.D; Global Head of Diabetes Research and Translational Science, Sanofi Aventis
- Richard DiMarchi, Ph.D; Standiford H. Cox Distinguished Professor of Chemistry, Linda & Jack Gill Chair in Biomolecular Sciences, Indiana University, USA

14.00 hrs  Diabetes in India - An overview
  V. Mohan, M.D., FRCP (London, Edinburgh, Glasgow, Ireland), Ph.D., D.Sc., D.Sc (Hon. Causa), FNASc, FASc, FNA, FACP, FACE, FTWAS, Dr. Mohan’s Diabetes Specialities Centre, Chennai

14.45 hrs  Non-HDL cholesterol in the management of CVD
  Anil Bhansali, DM
  Head, Department of Endocrinology, PGIMER, Chandigarh, India

15.30 hrs  Clinicians perspective into current and future therapies of type-2 diabetes mellitus
  Shashank R. Joshi MBBS, MD, DM, FACP, FRCP, FACE
  Consulting Endocrinologist, Lilavati Hospital in Mumbai, India

16.00 hrs  Dr. Rajendra Jani
  Sr. VP, Clinical R & D, Zydus Cadila

16.30 hrs  Metabolism modulation by diet and drugs, insights into mechanisms of action by metabolomics profiling
  Charles F. Burant, M.D., Ph.D
  Dr. Robert C. and Veronica Atkins Professor of Metabolism, The Burant Lab
  UNIVERSITY OF MICHIGAN MEDICAL SCHOOL

17.15 hrs  Panel Discussion

17.45 hrs  Best poster awards

18.30 hrs  Vote of Thanks
ABSTRACT SUBMISSION FORM

Please return this Application Form by e-mail/airmail or fax to:

Dr. Abhijit Chatterjee
Zydus Research Centre, Sarkhej-Bavla NH# 8A, Moraiya, Ahmedabad 382210  (Gujarat), India
TEL: +91-2717-665555, FAX: +91-2717-665355,  E-mail: abstracts@rbfsymposium.net, Website: www.rbfsymposium.net

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Title of the Paper

Authors:

Affiliation:

Abstract (limit 250 words)
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Phone: +_____________ Fax: +_____________ E-mail: _______________
Accompanying Person’s name: _______________________

Are you presenting a poster? Yes / No
If yes, Please fill the Poster/abstract submission form.

REGISTRATION FEE**: Please check appropriate box

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<tr>
<th>Industry</th>
<th>Delegates (India &amp; other SAARC Nations)</th>
<th>Foreign Delegates (Rest of the world)</th>
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<tr>
<td></td>
<td>₹. 10,000</td>
<td>US$ 300</td>
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<tr>
<td>Academics</td>
<td>₹. 6,000</td>
<td>US$ 250</td>
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<tr>
<td>Student (proof needed)</td>
<td>₹. 3,000</td>
<td>US$ 150</td>
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<td>Accompanying spouse</td>
<td>₹. 2,500</td>
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