



February 2, 2015

09.00 hrs

Inauguration

09.30 hrs

Inaugural Address



Nuclear reprogramming and cell replacement prospects.

Sir John Gurdon, DPhil DSc FRS

2012 Nobel Prize in Medicine

Distinguished Group Leader in the Wellcome Trust / CRUK Gurdon Institute, Cambridge, UK

11.00 hrs

Exhibition & Poster Session Inauguration

Session I :

Chairpersons:

- T. K. Chakraborty, Ph.D., Professor, Department of Organic Chemistry, Indian Institute of Science, Bangalore
- Dhavalkumar D. Patel, M.D., Ph.D., Head, Novartis Institute of Biomedical Research Europe, Basel, Switzerland

12.00 hrs



Design of drugs to treat influenza A virus infections and tissue fibrosis.

Bill DeGrado, Ph.D.

Professor, The DeGrado Laboratory
Department of Pharmaceutical Chemistry
University of California, San Francisco, USA

12.45 hrs



Jeff Kelly, Ph.D

Lita Annenberg Hazen Professor of Chemistry
Chairman, Department of Molecular and Experimental Medicine
The Kelly Group, The Scripps Research Institute
La Jolla, California, USA

13.30 hrs

Lunch

14.30 hrs



Gregory L. Verdine, Ph.D

Erving Professor of Chemistry
Harvard Department of Stem Cell and Regenerative Biology
Harvard University, Cambridge, USA

15.15 hrs



Design, Development and Clinical Evaluation of Ligand-Targeted Therapies and Imaging Agents

Phil Low, Ph.D

Ralph C. Corley Distinguished Professor of Chemistry and Director of the Purdue Center for Drug Discovery, USA

16.00 hrs

Tea Break

16.30 hrs



Butelase 1 for C-terminal-specific Ligation and Macrocyclization of Peptides and Proteins

James P. Tam, Ph.D.

Professor, Division of Structural Biology & Biochemistry
School of Biological Sciences, Nanyang Technological University, Singapore

17.30 hrs



Chemical Biotechnology Applied to Metabolic Diseases

Richard DiMarchi, Ph.D.

Standiford H. Cox Distinguished Professor of Chemistry
Linda & Jack Gill Chair in Biomolecular Sciences
Indiana University, USA

17.45 hrs

Panel Discussion



February 3, 2015

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



February 3, 2015

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



February 4, 2015

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



Discovering 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 PPAR γ 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 General Hospital, Singapore

13.00 hrs

Lunch



February 4, 2015

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



REGISTRATION FORM

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

Dr. Brijesh Srivastava

Zyodus Research Centre, Sarkhej-Bavla NH# 8A, Moraiya, Ahmedabad 382210 (Gujarat), India

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"Themes of previous events"

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| The RBF 6 th International Symposium February 4-6, 2013 | "Advances in New Drug Discovery Technologies & Translational Research" |
| The RBF 5 th International Symposium February 1-4, 2011 | "Advances in Translational Research and Medicines" |
| The RBF 4 th International Symposium February 3-5, 2009 | "Advances in Cardiometabolic Research - Basic Science and Clinical Aspects". |
| The RBF 3 rd International Symposium February 1-4, 2007 | "Current Trends in Pharmaceutical Sciences: Advances in Diabetes Therapy - Basic Science and Clinical Aspects" |
| The RBF 2 nd International Symposium January 23-25, 2005 | "Current Trends in Pharmaceutical Sciences: Role of Genomics and Proteomics" |
| The RBF 1 st International Symposium January 23-24, 2003 | "Current Trend in Pharmaceutical Sciences: Drug Discovery - Journey from Mouse to Man" |

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