

**Current Trends in Healthcare** 

The Ramanbhai Foundation 8th International Symposium on

"Advances in New Drug Discovery & Development"

Feb 2-4, 2017, Ahmedabad, India

Scientists and R & D professionals from across the globe will be at arms reach when they gather in Ahmedabad, from Feb 2-4, 2017, for the RBF 8th International Symposium. Niftily designed with eclectic thought-provoking sessions that will kindle and invigorate the scientific acumen with new age drug discovery and development techniques, the conference will live up to its tradition by providing scientists with an unparalleled knowledge-sharing platform to learn, stay ahead of dynamic trends and interact with a repertoire of R & D scientists and key opinion leaders.



Ω

Feb 2-4, 2017, Ahmedabad, India



## February 2, 2017 (Thursday)

# 10:00 hrs Welcome & Introductions

#### Session I

#### Chairpersons:

16:00 hrs

• Richard DiMarchi Ph.D.; Standiford H. Cox Distinguished Professor of Chemistry, Indiana University

| • Kicharu  | Kichard Dhvareni 11.D., Standhord 11. Cox Distinguished 110fessor of Chemistry, indiana Oniversity  |   |  |  |  |
|--|---|---|--|--|--|
| 10.30 hrs  |   | " The Problem of Reproducibility in Biomedical Research"  |  |  |  |
|  | (ater   | Jeff Flier, M.D.  |  |  |  |
|  |   | Dean of the Faculty of Medicine,  |  |  |  |
| 11 00 1  |   | Harvard Medical School, Harvard University  |  |  |  |
| 11:00 hrs  |   | "Drug Development at Melanocortin Receptors for Obesity and Other<br>Metabolic Disorders"                       |  |  |  |
|  | 4   | Roger Cone, Ph.D.   |  |  |  |
|  |   | Chair of the Department of Molecular  |  |  |  |
|  |   | Physiology and Biophysics, Vanderbilt University School of Medicine   |  |  |  |
| 11:30 hrs  | 9   | "Discovery of New Protein Drug Targets by Comprehensively<br>Screening the Extracellular Proteome"              |  |  |  |
|  |   | Lewis T. "Rusty" Williams, M.D., Ph.D.  |  |  |  |
|  |   | Founder, President and CEO, Five Prime Therapeutics, Inc.   |  |  |  |
| 12:00 hrs  |   | "Mouse Models for Pharmacogenomic Discovery".   |  |  |  |
|  | (00) C  | Karen Reue, Ph.D.   |  |  |  |
|  |   | Professor, Human Genetics, Department of Human  |  |  |  |
| 12:30 hrs  | т 1   | Genetics, University of California, Los Angeles   |  |  |  |
| 12:30 nrs  | Lunch   |   |  |  |  |
| Session II : Gastrointestinal and Liver Diseases |   |   |  |  |  |
| Chairpersons:                                    |   |   |  |  |  |
| Terry Flie                                       | Terry Flier, MD; Associate Director and Advisor of Francis Weld Peabody Society, Harvard University |   |  |  |  |
| 14:00 hrs  |   | Jay Horton, MD  |  |  |  |
|  | 1919  | Distinguished Chair in Human Nutrition,   |  |  |  |
|  |   | The University of Texas Southwestern, Medical Center  |  |  |  |
| 14:30 hrs  |   | "Specificity Matters –Musings on (somewhat unconventional) development of a targeted immunomodulatory biologic" |  |  |  |
|  | 31  | Asit Parikh, MD, Ph.D   |  |  |  |
|  |   | Head of GI Therapeutic Area Unit,<br>Takeda Pharmaceuticals   |  |  |  |
| 15:00 hrs  | 6   | Mukul Jain, Ph. D.  |  |  |  |
|  | S   | Senior V P, Pharmacology & Toxicology<br>Zydus Research Center  |  |  |  |
| 15:30 hrs  | Tea-Break   |   |  |  |  |
| -  |   |   |  |  |  |

### "Non-alcoholic steatohepatitis modulation by novel PPAR agonists" Bart Staels, Ph.D.

Director UMR INSERM 1011, Professor at the Faculty of Pharmacy, Université Lille 2, France



Register online at www.rbfsymposium.net/registration.asp



|   |   | February 3, 2017 (Friday)  |
|---|---|--|
|   |   | Session III : Cancer Therapeutics  |
| 09:15 hrs   | Introductio   | on   |
| Chairpersons  |   |  |
| Kapil Di  | ningra, MD; Retired   | Vice President, Roche, Director, KAPital Consulting LLC  |
| 09.30 hrs   | -   | "Enabling personalized medicine in oncology: Current status and perspectives on the future"  |
| 10:00 hrs   |   | Kapil Dhingra, MD  |
|   |   | Retired Vice President, Roche,<br>Director, KAPital Consulting LLC   |
|   | Te.   | Neal Rosen, MD, Ph.D.  |
|   |   | Enid A. Haupt Chair in Medical Oncology,<br>Director, Center for Mechanism-Based Cancer Therapies,   |
|   |   | Memorial Sloan-Kettering Cancer Center   |
| 10:30 hrs   | Tea-Break   |  |
| 11:00 hrs   |   | "Discovery and Development of Novel Therapies in Advanced Breast Cancer"   |
|   |   | Samit Hirawat, M.D   |
| 11 00 1   |   | Senior Vice President, Global Program Head, Novartis Pharmaceuticals   |
| 11:30 hrs   | 100   | Martin Pule, M.D.  |
|   | 23  | Founder & Chief Scientific Officer<br>Autolus Limited  |
| 12:00 hrs   | T 10D   |  |
|   |   | oster Session  |
| Chairpersons  | Sess  | oster Session<br>ion IV : Anti-infectives & Public Health  |
| Chairpersons <ul> <li>Alok Dh</li> </ul>  | Sess<br>s:<br>awan, Ph.D., Directo  | ion IV : Anti-infectives & Public Health<br>or, CSIR-Indian Institute of Toxicology Research<br>ef Scientific Officer Zydus - VTC  |
| Chairpersons <ul> <li>Alok Dh</li> <li>Reinhare</li> </ul>                      | Sess<br>s:<br>awan, Ph.D., Directo  | ion IV : Anti-infectives & Public Health<br>or, CSIR-Indian Institute of Toxicology Research<br>ef Scientific Officer Zydus - VTC<br>"Public-Private Partnerships to Accelerate Innovation in Product Developmen<br>Rajeev Venkayya, MD  |
| Chairpersons <ul> <li>Alok Dh</li> <li>Reinhare</li> </ul>                      | Sess<br>s:<br>awan, Ph.D., Directo  | ion IV : Anti-infectives & Public Health<br>or, CSIR-Indian Institute of Toxicology Research<br>ef Scientific Officer Zydus - VTC<br>"Public-Private Partnerships to Accelerate Innovation in Product Developmen   |
| Chairpersons <ul> <li>Alok Dh</li> <li>Reinhare</li> </ul>                      | Sess<br>s:<br>awan, Ph.D., Directo  | ion IV : Anti-infectives & Public Health<br>or, CSIR-Indian Institute of Toxicology Research<br>ef Scientific Officer Zydus - VTC<br><b>"Public-Private Partnerships to Accelerate Innovation in Product Developmen</b><br><b>Rajeev Venkayya, MD</b><br>President of Global Vaccine Business Unit,<br>Takeda Pharmaceuticals  |
| Chairpersons Alok Dh Reinhard 14:00 hrs   | Sess<br>s:<br>awan, Ph.D., Directo  | ion IV : Anti-infectives & Public Health<br>or, CSIR-Indian Institute of Toxicology Research<br>ef Scientific Officer Zydus - VTC<br>"Public-Private Partnerships to Accelerate Innovation in Product Developmen<br>Rajeev Venkayya, MD<br>President of Global Vaccine Business Unit,<br>Takeda Pharmaceuticals<br>"Developing next-generation malaria medicines to address drug resistance an   |
| Chairpersons Alok Dh Reinhard 14:00 hrs   | Sess<br>s:<br>awan, Ph.D., Directo  | ion IV : Anti-infectives & Public Health<br>or, CSIR-Indian Institute of Toxicology Research<br>ef Scientific Officer Zydus - VTC<br>"Public-Private Partnerships to Accelerate Innovation in Product Developmen<br>Rajeev Venkayya, MD<br>President of Global Vaccine Business Unit,<br>Takeda Pharmaceuticals<br>"Developing next-generation malaria medicines to address drug resistance an<br>increase the operational feasibility of malaria elimination efforts"<br>Jörg Möhrle, Ph.D.   |
| Chairpersons Alok Dh Reinhard 14:00 hrs   | Sess<br>s:<br>awan, Ph.D., Directo  | ion IV : Anti-infectives & Public Health  or, CSIR-Indian Institute of Toxicology Research  ef Scientific Officer Zydus - VTC  "Public-Private Partnerships to Accelerate Innovation in Product Developmen Rajeev Venkayya, MD  President of Global Vaccine Business Unit, Takeda Pharmaceuticals  "Developing next-generation malaria medicines to address drug resistance an increase the operational feasibility of malaria elimination efforts" Jörg Möhrle, Ph.D. Vice President, Head of Translational Medicine, Research & Development, Medicine  |
| Chairpersons Alok Dh Reinhard 14:00 hrs   | Sess<br>s:<br>awan, Ph.D., Directo<br>d Glueck, Ph.D; Chie<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constan | ion IV : Anti-infectives & Public Health  or, CSIR-Indian Institute of Toxicology Research  ef Scientific Officer Zydus - VTC  "Public-Private Partnerships to Accelerate Innovation in Product Developmen Rajeev Venkayya, MD  President of Global Vaccine Business Unit, Takeda Pharmaceuticals  "Developing next-generation malaria medicines to address drug resistance an increase the operational feasibility of malaria elimination efforts" Jörg Möhrle, Ph.D. Vice President, Head of Translational Medicine, Research & Development, Medicine  |
| Chairpersons Alok Dh Reinhard 14:00 hrs 14:30 hrs 15:00 hrs                     | Sess<br>s:<br>awan, Ph.D., Directo<br>d Glueck, Ph.D; Chie<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constan | ion IV : Anti-infectives & Public Health or, CSIR-Indian Institute of Toxicology Research ef Scientific Officer Zydus - VTC "Public-Private Partnerships to Accelerate Innovation in Product Developmen Rajeev Venkayya, MD President of Global Vaccine Business Unit, Takeda Pharmaceuticals "Developing next-generation malaria medicines to address drug resistance an increase the operational feasibility of malaria elimination efforts" Jörg Möhrle, Ph.D. Vice President, Head of Translational Medicine, Research & Development, Medicine for Malaria Venture "The Discovery and Development of New Antivirals"   |
| Chairpersons Alok Dh Reinhard 14:00 hrs 14:30 hrs 15:00 hrs                     | Sess<br>s:<br>awan, Ph.D., Directo<br>d Glueck, Ph.D; Chie<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constan | <ul> <li>ion IV : Anti-infectives &amp; Public Health</li> <li>or, CSIR-Indian Institute of Toxicology Research</li> <li>ef Scientific Officer Zydus - VTC</li> <li>"Public-Private Partnerships to Accelerate Innovation in Product Developmen</li> <li>Rajeev Venkayya, MD</li> <li>President of Global Vaccine Business Unit,</li> <li>Takeda Pharmaceuticals</li> <li>"Developing next-generation malaria medicines to address drug resistance an increase the operational feasibility of malaria elimination efforts"</li> <li>Jörg Möhrle, Ph.D.</li> <li>Vice President, Head of Translational Medicine, Research &amp; Development, Medicine for Malaria Venture</li> </ul>  |
| Chairpersons Alok Dh Reinhard 14:00 hrs 14:30 hrs 15:00 hrs                     | Sess<br>s:<br>awan, Ph.D., Directo<br>d Glueck, Ph.D; Chie<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constan | ion IV : Anti-infectives & Public Health or, CSIR-Indian Institute of Toxicology Research ef Scientific Officer Zydus - VTC "Public-Private Partnerships to Accelerate Innovation in Product Developmen Rajeev Venkayya, MD President of Global Vaccine Business Unit, Takeda Pharmaceuticals "Developing next-generation malaria medicines to address drug resistance and increase the operational feasibility of malaria elimination efforts" Jörg Möhrle, Ph.D. Vice President, Head of Translational Medicine, Research & Development, Medicine for Malaria Venture "The Discovery and Development of New Antivirals" Manoj Desai, Ph.D. Vice President, Medicinal Chemistry Gilead Sciences "Opportunities and Challenges in the Vaccine Industry"  |
| Chairpersons Alok Dh Reinhard 14:00 hrs 14:30 hrs 15:00 hrs 15:30 hrs           | Sess<br>s:<br>awan, Ph.D., Directo<br>d Glueck, Ph.D; Chie<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constant<br>Constan | <ul> <li>ion IV : Anti-infectives &amp; Public Health</li> <li>or, CSIR-Indian Institute of Toxicology Research</li> <li>ef Scientific Officer Zydus - VTC</li> <li>"Public-Private Partnerships to Accelerate Innovation in Product Developmen<br/>Rajeev Venkayya, MD</li> <li>President of Global Vaccine Business Unit,<br/>Takeda Pharmaceuticals</li> <li>"Developing next-generation malaria medicines to address drug resistance an<br/>increase the operational feasibility of malaria elimination efforts"</li> <li>Jörg Möhrle, Ph.D.</li> <li>Vice President, Head of Translational Medicine, Research &amp; Development, Medicine<br/>for Malaria Venture</li> <li>"The Discovery and Development of New Antivirals"</li> <li>Manoj Desai, Ph.D.</li> <li>Vice President, Medicinal Chemistry<br/>Gilead Sciences</li> </ul>  |
| Chairpersons Alok Dh Reinhard 14:00 hrs 14:30 hrs 15:00 hrs 15:30 hrs           | Sess<br>s:<br>awan, Ph.D., Directo<br>d Glueck, Ph.D; Chie<br>Tea-Break   | <ul> <li>ion IV : Anti-infectives &amp; Public Health</li> <li>or, CSIR-Indian Institute of Toxicology Research</li> <li>ef Scientific Officer Zydus - VTC</li> <li>"Public-Private Partnerships to Accelerate Innovation in Product Developmen</li> <li>Rajeev Venkayya, MD</li> <li>President of Global Vaccine Business Unit,</li> <li>Takeda Pharmaceuticals</li> <li>"Developing next-generation malaria medicines to address drug resistance and increase the operational feasibility of malaria elimination efforts"</li> <li>Jörg Möhrle, Ph.D.</li> <li>Vice President, Head of Translational Medicine, Research &amp; Development, Medicine for Malaria Venture</li> <li>"The Discovery and Development of New Antivirals"</li> <li>Manoj Desai, Ph.D.</li> <li>Vice President, Medicinal Chemistry</li> <li>Gilead Sciences</li> <li>"Opportunities and Challenges in the Vaccine Industry"</li> <li>Rahul Singhvi, Sc.D.</li> <li>Chief Operating Officer,</li> <li>Takeda Vaccines</li> </ul> |
| Chairpersons Alok Dh Reinhard 14:00 hrs 14:30 hrs 15:00 hrs 15:30 hrs 16:00 hrs | Sess<br>s:<br>awan, Ph.D., Directo<br>d Glueck, Ph.D; Chie<br>Tea-Break   | <ul> <li>ion IV : Anti-infectives &amp; Public Health</li> <li>or, CSIR-Indian Institute of Toxicology Research</li> <li>ef Scientific Officer Zydus - VTC</li> <li>"Public-Private Partnerships to Accelerate Innovation in Product Developmen</li> <li>Rajeev Venkayya, MD</li> <li>President of Global Vaccine Business Unit,</li> <li>Takeda Pharmaceuticals</li> <li>"Developing next-generation malaria medicines to address drug resistance and increase the operational feasibility of malaria elimination efforts"</li> <li>Jörg Möhrle, Ph.D.</li> <li>Vice President, Head of Translational Medicine, Research &amp; Development, Medicine for Malaria Venture</li> <li>"The Discovery and Development of New Antivirals"</li> <li>Manoj Desai, Ph.D.</li> <li>Vice President, Medicinal Chemistry</li> <li>Gilead Sciences</li> <li>"Opportunities and Challenges in the Vaccine Industry"</li> <li>Rahul Singhvi, Sc.D.</li> <li>Chief Operating Officer,</li> <li>Takeda Vaccines</li> </ul> |



|   | F  | ebruary 4, 2017 (Saturday)  |
|---|--|---|
|   | Sess   | ion V : Cardio-metabolic Diseases   |
| 09.00 hrs   | Introduction   | L   |
| Chairpersons:                                     |  |   |
|   | ,  | of Medicine, Harvard Medical School, Harvard University   |
| <ul> <li>Naga Chala</li> <li>09:10 hrs</li> </ul> | sani, M. D.; FACG, Prof  | essor of Medicine, Indiana University School of Medicine Philip J. Larsen, MD, PhD  |
| 07.10 1115  | S-FRAN   | Senior Vice President, Global Head of Diabetes  |
|   |  | Research and Translational Science, Sanofi-Aventis  |
| 09:40 hrs   |  | "FGF21:physiology and therapeutic potential"  |
|   | SEX.   | Terry Flier, MD   |
|   |  | Professor of Medicine, Harvard Medical School<br>Division of Endocrinology, Beth Israel Deaconess Medical Center.                 |
| 10:10 hrs   |  | "Evolving mechanisms and continued challenges of the<br>FGF-21 pathway as a therapeutic target"                                   |
|   | 4-20   | Saswata Talukdar, Ph.D.   |
|   |  | Director and Leader of CardioMetabolic Disease, Early Discovery group, Merck  |
| 10:40 hrs   | Tea-Break  | , , , , , , , , , , , , , , , , , , ,   |
| 11:10 hrs   |  | "Atherogenicity of Triglyceride-rich lipoproteins (TRL) and Novel Therapies<br>Aimed at Reducing Associated Cardiometabolic Risk" |
|   |  | Michael Miller, MD  |
|   |  | Director, Center for Preventive Cardiology University of Maryland Medical Center  |
| 11:40 hrs   |  | "Metabolism and metabolic aging"  |
|   |  | Charles F. Burant, MD, Ph.D.  |
|   | a to a   | Professor of Metabolism, The Burant Lab, University of Michigan Medical School  |
| 12:10 hrs   |  | "Hepatocyte PPAR $\alpha$ is protective against NAFLD in neonate and adult mice"  |
|   | 12EV   | Walter Wahli, Ph.D  |
|   |  | Professor of Metabolic Disease, Lee Kong<br>Chian School of Medicine, Nanyang Technological University                            |
| 12:40 hrs   | Lunch & Pos  |   |
| <b>c</b> 1 <b>·</b>                               | e e e e e e e e e e e e e e e e e e e  | Session VI : Chemical Biotechnology   |
| Chairpersons:                                     | usty" Williams M.D. P  | h.D., Founder, President and CEO, Five Prime Therapeutics, Inc.   |
|   | usty williams, wi.D., I  | •   |
| 14:00 hrs   | 0  | "Plants as bio-factories for producing peptide-based pharmaceuticals"   |
|   | 12 h   | David Craik, Ph.D.<br>Group Leader, Chemistry and Structural  |
|   |  | Biology Division, The University of Queensland  |
| 14:30 hrs   |  | Phil Dawson, Ph.D.  |
|   | 1251   | Associate Dean of Graduate Studies,   |
|   |  | Department of Chemistry California Campus, The Scripps Research Institute   |
| 15:00 hrs   |  | "High productive cell-lines, ADC process development and challenges"  |
|   |  | Palani Palaniappan, Ph.D.   |
|   |  | Vice President & Head, Biologics & New Modalities Development,  |
|   |  | Takeda Pharmaceuticals  |
| 15:30 hrs   |  | "Chemical Biotechnology Applied to Metabolic Diseases"  |
|   | A COLORING   | Richard DiMarchi, Ph.D.   |
|   |  | Standiford H. Cox Distinguished Professor of Chemistry,<br>Linda & Jack Gill Chair in Biomolecular Sciences, Indiana University   |
| 1(001   | D (D )   | · ·   |
| 16:00 hrs   | <ul> <li>Best Poster Awards</li> <li>Oral Poster Presental</li> <li>Oral Poster Presental</li> </ul> | tion 1 (10 min)   |
|   | Oral Poster Presentat  | tion 3 (10 min)   |
| 16:30 hrs   |  | Closing Comments  |

Register online at www.rbfsymposium.net/registration.asp