



theSpectrum

ACCELERATING TRANSLATION OF
DISCOVERIES INTO MEDICINE

Schedule

8:00 - 9:00 am

Registration and Breakfast

9:00 - 9:40 am

Keynote:

A New Model for Biomedical Research Institutes

Peter Schultz President & CEO, Scripps Research

9:40 - 10:40 am

Scientific Session:

Harnessing the Immune System

Immuno-oncology Approaches – **Travis Young**

Immune System Regulators – **Hugh Rosen**

A Regulatory T-Cell Approach to Parkinson's Disease – **Sean Joseph**

Rational Vaccine Strategies – **Dennis Burton**

10:40 - 11:40 am

Scientific Session:

Regenerative Medicine and Aging

Regenerative Medicines for Osteoarthritis – **Kristen Johnson**

Novel Approaches to Aging & Age-Related Disease – **Michael Petrascheck**

Remyelination for Multiple Sclerosis – **Luke Lairson**

Regeneration & Repair of the Heart & Lung – **Michael Bollong**

11:40 - 12:45 pm

Lunch and Keynote:

Found in Translation: How Innovations in Product R&D Can Solve the World's Toughest Health Challenges

Trevor Mundel

President, Global Health Division, Bill & Melinda Gates Foundation

12:45 - 1:45 pm

Panel Discussion:

The Role of Nonprofits in Accelerating Drug Discovery

Moderator: Chris Walsh Consulting professor, Stanford University

Brian Fiske Senior VP, Research Programs, Michael J. Fox Foundation

Ramy Ibrahim CMO and VP, Clinical Development, Parker Institute for Cancer Immunotherapy

Maria Millan President and CEO, CIRM

Trevor Mundel President, Global Health Division, Bill & Melinda Gates Foundation

Paul Negulescu Senior VP and Site Head of SD Research, Vertex

1:45 - 2:45 pm

Scientific Session:

Neglected and Childhood Disease

Spread & Evolution of Deadly Pathogens – **Kristian Andersen**

Preventing Malaria – **Arnab Chatterjee**

Novel Drugs for Autism-Spectrum Disorder – **Gavin Rumbaugh**

Treatments for Diabetes – **Nikki (Rogers) Alvarez**

2:45 - 3:00 pm

Break

3:00 - 4:00 pm

Panel Discussion:

Novel Funding Mechanisms for Biomedical Research

Moderator: James Schaeffer UCLA Innovation Center, President, JMSchaeffer Consulting

Dan Burgess Venture Partner, SV Health Investors

Kevin Eastwood VP, Corporate Development, Calibr

Carl Goldfischer Managing Director, Bay City Capital

Kathryn Richmond Director, The Paul G. Allen Frontiers Group

Barbara Sosnowski VP and Global Head, Emerging Science & Innovation Lead, WRD External Partnerships, Pfizer

4:00 - 5:00 pm

Scientific Session:

Novel Therapeutic Strategies

Protein Homeostasis: New Strategies for Degenerative Diseases – **Jeff Kelly**

Disease in a Dish for Precision Medicine – **Kristin Baldwin**

Directed Remodeling of the Gut Microbiome – **Reza Ghadiri**

Therapeutics for Addiction Relapse & PTSD – **Courtney Miller**

5:00 - 5:30 pm

Cocktail Reception

5:30 - 7:30 pm

Dinner and Keynote:

Deep Medicine

Eric Topol Director & Founder, Scripps Research Translational Institute
