

PROGRAM – DAY 1

Wednesday, July 13, 2022

Arnold & Mabel Beckman Center of the National Academy of Science & Engineering

8:00 – 9:00 a.m. Registration
Atrium: coffee, tea, and water

9:00 – 9:30 a.m. **Opening and Introduction to the Symposium**
Michael J. Stamos, MD, Dean, UCI School of Medicine
Ralph V. Clayman, MD, Distinguished Professor of Urology/Dean - Emeritus,
UCI School of Medicine
Thomas C. Cesario, MD, Dean - Emeritus, UCI School of Medicine
Peter Kaiser, PhD, Chair, Department of Biological Chemistry, UCI School of Medicine

SESSION I

Transcription

Chair: Richard Heyman, PhD, ORIC Pharma

9:30 – 10:00 a.m. Bob Roeder, PhD, The Rockefeller University, *Transcriptional Regulatory Mechanisms in Hematopoietic Malignancies*

10:00 – 10:30 a.m. Ronald M. Evans, PhD, Salk Institute for Biological Studies, *Physiology and its Transcriptional Underpinning*

10:30 – 11:00 a.m. Break – coffee, tea, and water

11:00 – 11:30 a.m. Juan Carlos Izpisua Belmonte, PhD, Altos Labs, *Biological Studies, Programming Cell Rejuvenation*

11:30 a.m. – 12:00 p.m. Masao Doi, PhD, Kyoto University, *Time as Medicine - Impact of Rejuvenating Circadian Transcriptional and Metabolic Activity*

12:00 – 2:00 p.m. Lunch, Dining Room

SESSION II

Epigenetics

Chair: Marcelo Wood, PhD, UCI

2:00 – 2:30 p.m. Asifa Akhtar, PhD, Max Planck Institute of Immunobiology and Epigenetics, *MOF Complexes: Epigenetics Meets Metabolism*

2:30 – 3:00 p.m. Bing Ren, PhD, UC San Diego, Ludwig Institute for Cancer Research, *Epigenome Analysis in Health and Disease*

3:00 – 3:30 p.m. Break – coffee, tea, and water

3:30 – 4:00 p.m. Juleen R. Zierath, PhD, Karolinska Institutet, Sweden/University of Copenhagen, Denmark, *Epigenetic Control and the Circadian Clock: Turning Back Time on Diabetes Pathogenesis*

4:00 – 4:30 p.m. Sarah Kimmins, PhD, McGill University, *Environmental Programming of the Heritable Sperm Epigenome*

4:30 – 5:00 p.m. Estée Lauder's Tribute to Paolo Sassone-Corsi's Legacy: Nadine Pernodet, PhD, Senior Vice President of Bioscience, Global R&D, Estée Lauder Companies

5:00 – 7:00 p.m. Cocktail Reception, Terrace Lawn

PROGRAM – DAY 2

Thursday, July 14, 2022

9:00 – 9:30 a.m. Registration
Atrium: coffee, tea, and water

SESSION III

Circadian Rhythms

Chair: Eric J. Stanbridge, PhD, UCI School of Medicine

9:30 – 10:00 a.m. Michael W. Young, PhD, The Rockefeller University, *What Happens to a Lonely Fly?*

10:00 – 10:30 a.m. Break
Coffee, tea, and water

10:30 – 11:00 a.m. Mitchell A. Lazar, MD, PhD, University of Pennsylvania Perelman School of Medicine, *Repression, Reverberations, and Reflections*

11:00 – 11:30 a.m. Selma Masri, PhD, UCI, *Mechanistic Insights Underlying Clock Disruption in Colorectal Cancer*

11:30 – 1:30 p.m. Lunch, Dining Room

SESSION IV

Metabolism

Chair: Giuseppe Servillo, MD, PhD, University of Perugia Italy

1:30 – 2:00 p.m. Johan Auwerx, MD, PhD, École Polytechnique Fédérale de Lausanne, *Ceramide De Novo Synthesis Links Muscle Disorders with Mitochondrial and Protein Homeostasis*

2:00 – 2:30 p.m. Eric Verdin, MD, Buck Institute for Research on Aging, *The Biology of Reversible Protein Acylation*

2:30 – 3:00 p.m. Break
Coffee, tea, and water

3:00 – 3:30 p.m. Manuela Raffatellu, MD, UC San Diego, *New Insights on Mucosal Immunity to Commensal and Pathogenic Bacteria*

3:30 – 4:00 p.m. Kristin Eckel-Mahan, PhD, MD Anderson/UTHealth, *Circadian Rhythms in Health and Disease: A Scientific Journey Inspired by Paolo Sassone-Corsi*

4:00 p.m. Closing Remarks