

Causal Inferences: Facilitating Health Decisions in the Face of Uncertainty

Symposium Agenda

Friday, May 17

I. Early Disease Detection and Treatment

Moderator: Jessica Mathews

- 8:30 AM Larry Gold – Symposium Welcome
- 8:45 AM Jian Han – Learning from the Best Doctor in the World: Our Immune System
- 9:30 AM Jean Feraca – Teaching Plato in Prison
- 10:15 AM Break
- 10:45 AM Terry Fry – Gene-Modified T Cell Therapy for Pediatric Cancers: Where Do We Go From Here?
- 11:30 AM Mark Fishman – Extreme Clinical Phenotypes in Drug Discovery and Medical Education
- 12:15 PM Stephan Wolfert – *Cry Havoc!* Excerpt
- 12:30 PM Lunch

II. Immunology and Inflammation

Moderator: Glenn Treisman

- 2:00 PM Charles Cantor – The Oxygen Paradox – A New Approach to Treat Neurodegenerative Diseases
- 2:45 PM Elio Riboli – The Nutrition and Cancer Research Journey: From Chemical-Physical Carcinogenesis to Metabolic Carcinogenesis
- 3:30 PM Break
- 4:00 PM Jane Salmon – Mice and Mothers: Understanding Pregnancy Complications in Patients with Autoimmunity
- 4:45 PM Lee Niswander – Too Much of a Good Thing? Considering Gene- Environment Interactions in Health and Disease
- 5:30 PM Closing Remarks

Saturday, May 18

III. Cancer, Early Tumor Diagnosis and Tumor DNA

Moderator: Kevin Davies

- 9:00 AM Chunming Ding – Blood-Based Screening to Combat the Rise of Colorectal Cancer in China?
- 9:45 AM Dennis Lo – Pushing Forward the Biological Understanding and Diagnostic Applications of Circulating DNA
- 10:30 AM Break
- 11:00 AM Bill Burhans – My Life Over and Under the Microscope, as a Cancer Scientist and Patient
- 11:45 AM Ann Thor – The Host Cancer Interface: Obesity and Diabetes Promote Cancer Development and May Reduce Treatment Efficacy
- 12:30 PM Lunch

IV. Personalized Medicine is Personal

Moderator: Matt Might

- 2:00 PM Jo Marchant – A Journey into the Science of Mind Over Body
- 2:45 PM Lynne Wolfe – Why Would Anyone Study Rare Disease?
- 3:30 PM Break
- 4:00 PM Julia Vitarello & Timothy Yu – Truly Personalized Medicines for Ultra-Rare Diseases
Dialogue with Julia and Timothy – moderated by Art Krieg
- 5:30 PM Closing Remarks