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 PM 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
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