

SYMPOSIUM AGENDA

BIOLOGY MEETS BIG DATA

All times are in Mountain Time | MDT UTC-06:00

MAY 13

- 9:00-9:15am **Larry Gold**
Welcome
- 9:15-10am **Jack Szostak**, Harvard
Why RNA? A Rationale for RNA as the First Biopolymer of Life
- 10-10:45am **Nebojsa Janjic**, SomaLogic
Measuring Proteins with DNA, Twisting the Central Dogma for Better Understanding of Biology
- 10:45-11:30am **Emmanuel Mignot**, Stanford
Waking Up Narcolepsy and Brain Autoimmunity
- 11:30am-12pm *Break*
- 12-12:45pm **Michael Rosbash**, Brandeis
Lessons from a Lifetime of Science and Half a Lifetime of Behavioral Genetics
- 12:45-1:30pm **Leslie Leinwand**, University of Colorado
From Bench to Bedside: The Role of Science in Treating a Deadly Disease
- 1:30-2:15pm **Roy Smythe**, SomaLogic
Authority, Power, and Autonomy in Medicine
- 2:15-2:30pm *Break*
- 2:30-3:15pm **Ken Sharpe**, Emeritus, Swarthmore
Designing for Practical Wisdom: How Can Medical Organizations Encourage Practitioners to Learn the Character and Judgment they Need?
- 3:15-4pm **Jesse Gillis**, Cold Spring Harbor
The Transcriptional Legacy of Developmental Stochasticity
- 4-4:45pm **Molly Burhans**, GoodLands
It's the End of the World as We Know It (and I feel fine)
- 4:45-5pm **Larry Gold**
Closing Remarks

MAY 14

- 9-9:15am **Larry Gold**
Introduction
- 9:15-10am **Aaron Clauset**, University of Colorado
On Proteomics, Genomics, Artificial Intelligence, and Society
- 10-10:45am **Sendhil Mullainathan**, University of Chicago
Machine and Human Intelligence: Algorithms as a Source of Bias or Insight
- 10:45-11:30am **Robin Dowell**, University of Colorado
Cracking the Regulation Code
- 11:30am-12pm *Break*
- 12-1pm **Craig Mundie**, Mundie & Associates
Mira Murati, OpenAI
Larry Hunter, University of Colorado
The Evolution of Machine Intelligence
- 1-2:45pm **Craig, Mira, Larry**
Panel Discussion
- 2:45-3pm *Break*
- 3-3:45pm **Dan Shefet**,
Association for Accountability & Internet Democracy
Regulating AI
- 3:45-4:30pm **Rebecca Trumbull**
Retired, Stanford Distinguished Careers Institute
Eric Trumbull, Retired, Castaways Repertory Theatre
23 & Us
- 4:30-4:45pm **Larry Gold**
Closing Remarks

