

ICDA Scientific Plenary & Launch Meeting Agenda

Sept 23-24, 2019

Potomac, MD, USA

(agenda as of Sept 17, 2019)

Day 1 | September 23, 2019

8:30-9:30 **Setting the stage: Human Genetics and Common Diseases**

Cecilia Lindgren, University of Oxford

Matt Hurles, Wellcome Sanger Institute

Eric Lander, Broad Institute of MIT and Harvard

9:30-10:00 **Discussion**

10:00-10:15 **Break**

10:15-11:40 **Session 1: Cohorts**

Nicki Tiffin, University of Cape Town, *Moderator*

Kári Stefánsson, deCODE Genetics

Nancy Cox, Vanderbilt University

Mark Daly, Institute for Molecular Medicine Finland (FIMM)

Rory Collins, University of Oxford

Ben Neale, Broad Institute of MIT and Harvard

11:40-12:00 **Discussion**

12:00-1:00 **Lunch**

1:00-2:20 **Session 2: Variants to Functions to Mechanisms**

Manolis Dermitzakis, University of Geneva, *Moderator*

Aviv Regev, Broad Institute of MIT and Harvard

Jay Shendure, University of Washington

Jimmie Ye, Institute for Human Genetics

Ramnik Xavier, Broad Institute of MIT and Harvard

Tuuli Lappalainen, New York Genome Center

2:20-2:40 **Discussion**

2:40-2:55 **Break**

- 2:55-4:05 **Session 3: NIH Vision (Keynote and Panel Discussion)**
Keynote: Francis Collins, National Institutes of Health
Panel discussion:
Cecilia Lindgren, University of Oxford, UK, *Moderator*
Eric Green, National Human Genome Research Institute
Gary Gibbons, National Heart, Lung, and Blood Institute
Kelly Gebo, All of Us
Diana Bianchi, National Institute of Child Health and Human Development
Rick Woychik, National Institute of Environmental Health Sciences
Francis Collins, National Institutes of Health
- 4:05-4:25 **Session 4: Health Data Research-UK**
Andrew Morris, Health Data Research-UK
- 4:25-4:45 **Session 5: Translation from research to patients**
Mark McCarthy, Genentech
- 4:45-5:30 **General Discussion**

Day 2 | September 24, 2019

- 8:00-8:40 **Session 6: Plans for ICDA**
Presentation + Group Discussion
Rachel Liao, Broad Institute of MIT and Harvard
- 8:40-10:05 **Session 7: Common disease genetics, discovery & translation around the world**
Introductory talks followed by panel discussion + audience Q&A
Michael Dunn, Wellcome Trust, *Moderator*
Nicki Tiffin, University of Cape Town
Yukinori Okada, Osaka University Graduate School of Medicine
Andrés Moreno-Estrada, National Laboratory of Genomics for Biodiversity, Mexico
Ambroise Wonkam, University of Cape Town
- 10:05-10:20 **Break**
- 10:20-11:25 **Session 8: Diseases**
Mark McCarthy, Genentech, *Moderator*
Sek Kathiresan, Verve Therapeutics
Melina Claussnitzer, Broad Institute of MIT and Harvard
Olga Troyanskaya, Princeton University
Judy Cho, Icahn School of Medicine at Mount Sinai
- 11:25-12:00 **Discussion**
- 12:00-1:00 **Lunch**
- 1:00-1:50 **Session 9: Analytic methods**
Cristen Willer, University of Michigan, *Moderator*
Nicole Soranzo, Wellcome Sanger Institute
Anshul Kundaje, Stanford University
Hilary Finucane, Broad Institute of MIT and Harvard
- 1:50-2:05 **Discussion**
- 2:05-2:55 **Session 10: Data Platforms, Data Sharing, & Ethics**
Helen Parkinson, EMBL-EBI, *Moderator*
Ewan Birney, EMBL-EBI
Bartha Knoppers, McGill University
David Glazer, Verily Life Sciences
- 2:55-3:55 **General Discussion**
- 3:55-4:00 **Closing Remarks**