8:30 AM  Registration table opens – coffee and breakfast available

9:00 AM  Opening remarks
Joaquin Espinosa, PhD
Executive Director, Linda Crnic Institute for Down Syndrome

9:10 AM  Opening remarks
Peter Buttrick, PhD
Senior Associate Dean of Academic Affairs, University of Colorado School of Medicine

9:20 AM  Opening remarks
Michelle Sie Whitten
President and CEO, Global Down Syndrome Foundation

9:30 AM  The importance of research for self-advocates and families
David Egan and Marco Egan
Advocates for Down syndrome and friends of the Crnic Institute

9:45 AM  Keynote Lecture: Chromosome gains gene specific and general effects on cell physiology
Angelika Amon, PhD
Co-director, Alana Center for Down Syndrome
Kathleen and Curtis Marble Professor of Cancer Research, Massachusetts Institute of Technology

10:45 AM  Coffee break

11:00 AM  Mechanisms of synapse loss and dysfunction by amyloid beta
Matthew Kennedy, PhD
Professor, Pharmacology, University of Colorado Anschutz

11:25 AM  Interferon signaling in Down syndrome
Kelly Sullivan, PhD
Assistant Professor, Pediatrics-Developmental Biology, University of Colorado Anschutz

11:50 AM  Dysregulated centrosome size in T21 disrupts primary cilia formation and signaling
Chad Pearson, PhD
Associate Professor, Cell and Developmental Biology, University of Colorado Anschutz

12:15 PM  Lunch

1:00 PM  Altered clonal hematopoiesis and its implications for individuals with Down syndrome
James DeGregori, PhD
Professor, Biochemistry and Molecular Genetics, University of Colorado Anschutz

1:25 PM  Global immune remodeling and hyperactivation in adults with trisomy 21
Katherine Waugh, PhD
Postdoctoral Immunology Fellow, Linda Crnic Institute for Down Syndrome, University of Colorado Anschutz

1:50 PM  Functional heterogeneity among single cells
Jay Hesselberth, PhD
Associate Professor, Biochemistry and Molecular Genetics, University of Colorado Anschutz

2:15 PM  Launching of the TrisomExplorer and announcement of funding opportunities
Joaquin Espinosa, PhD
Executive Director, Linda Crnic Institute for Down Syndrome

3:00 PM  Networking reception with speakers
1st floor patio, just outside Hensel Phelps