



Down Syndrome Research Symposium

September 25th, 2019 | Hensel Phelps West Auditorium

- 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