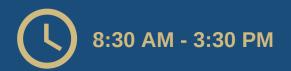


# DOWN SYNDROME RESEARCH SYMPOSIUM

An annual showcase of innovative Down syndrome research from across the Front Range

September 5, 2023





## **Breakfast & Gathering - 8:30 AM**



Joaquin Espinosa, PhD

Professor of Pharmacology Executive Director Linda Crnic Institute for Down Syndrome University of Colorado Anschutz Medical Campus 9:00 AM

**Introductory Remarks** 



Peter Buttrick, MD

Division Head, Cardiology Senior Associate Dean for Academic Affairs S. Gilbert Blount Endowed Professor University of Colorado Anschutz Medical Campus 9:05 AM

Introductory Remarks



**Michelle Sie Whitten** 

**President and CEO**Global Down Syndrome Foundation

9:10 AM

*Introductory Remarks* 



**Elyssa Schmitz** 

Self Advocate, GLOBAL Advocate, Speaker

9:20 AM

**Introductory Remarks** 



Matthew Galbraith, PhD

Assistant Research Professor of Pharmacology Leader of the Data Sciences Program Linda Crnic Institute for Down Syndrome University of Colorado Anschutz Medical Campus 9:30 AM

Signatures of Hypoxia and Erythropoiesis in Down Syndrome



**Edward Evans, PhD** 

Postdoctoral Fellow University of Colorado Anschutz Medical Campus 10:00 AM

Let's Have A 'Tet'-à-'Tet': Clonal Hematopoiesis in the Down Syndrome Context





Lauren Dunn, BS

PhD Candidate, HMGGP Linda Crnic Institute for Down Syndrome University of Colorado Anschutz Medical Campus

10:45 AM

Liver Dysfunction in Down Syndrome



Ryan Milstead, PhD

**Sie Fellow, Postdoctoral Associate** University of Colorado Boulder



Exploring Mechanisms Underlying Sleep Disruption in Down Syndrome



Micah Donovan, PhD

Research Associate, Data Sciences Program Linda Crnic Institute for Down Syndrome University of Colorado Anschutz Medical Campus

#### 11:45 AM

Variegated Overexpression of Chromosome 21 Genes Reveals Molecular and Immune Subtypes of Down Syndrome

### **Lunch and Poster Session - 12:15 PM**



**Huntington Potter, PhD** 

Professor of Neurology Vice Chair for Basic Research, Department of Neurology Director, University of Colorado Alzheimer's and Cognition Center Director, Alzheimer's Disease Program, Linda Crnic 1:30 PM

Finding New Treatments for Alzheimer's Disease, Down Syndrome, and Brain Aging at CU Anschutz



Dallas Jones, PhD

Institute for Down Syndrome

Instructor of Pediatrics, Hematology/Oncology/BMT University of Colorado Anschutz Medical Campus 2:00 PM

Metabolic Vulnerabilities in Down Syndrome B-Cell Acute Lymphoblastic Leukemia Can Be Targeted Using Venetoclax



**Emily McCourt, MD** 

Associate Professor of Ophthalmology Chief of Pediatric Ophthalmology, Children's Hospital Colorado The Ponzio Family Chair for Pediatric Ophthalmology 2:30 PM

Eye Care and Down Syndrome: Research Updates and Future Directions



Joaquin Espinosa, PhD

Professor of Pharmacology
Executive Director
Linda Crnic Institute for Down Syndrome
University of Colorado Anschutz Medical Campus

3:00 PM

Teachings from Persons with Down Syndrome About the Nature of Time

**Example 2.1 Example 3.1 Event Updates, & Closing Remarks - 3.30 PM** 



# Thank you to our research affiliate the Global Down Syndrome Foundation!

To stay updated about GLOBAL's amazing advocacy work, events and more, you can become a GLOBAL member or signup for their monthly newsletter to get inspiration in your inbox each month.

https://www.globaldownsyndrome.org/global-membership/