



LINDA CRNIC INSTITUTE  
*for* **DOWN SYNDROME™**

## **DOWN SYNDROME RESEARCH SYMPOSIUM**

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

**September 5, 2023**



**8:30 AM - 3:30 PM**



**ANSCHUTZ HEALTH  
SCIENCES BUILDING  
DONALD M. ELLIMAN  
CONFERENCE CENTER**

## 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*

## Break - 10:30 AM



**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

**11:15 AM**

*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  
Institute for Down Syndrome

**1:30 PM**

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



**Dallas Jones, PhD**

**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*

**Funding Announcements, Event Updates,  
& Closing Remarks - 3:30 PM**



# GLOBAL

DOWN SYNDROME FOUNDATION®

**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/>

[globaldownsyndrome.org](https://www.globaldownsyndrome.org)