



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

**DOWN SYNDROME  
RESEARCH SYMPOSIUM**

*An annual showcase of innovative  
Down syndrome research*

**September 15, 2025**



**8:30 a.m. - 3:30 p.m.**



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

## Breakfast & Gathering - 8:30 a.m.



**Joaquin Espinosa, PhD**

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

**9:00 a.m.**

*Introductory Remarks*



**John Sampson, MD, PhD, MHSc, MBA**

**Vice Chancellor for Health Affairs  
Dean of the CU School of Medicine**  
University of Colorado Anschutz Medical Campus

**9:05 a.m.**

*Introductory Remarks*



**Taylor Shelsta**

**Advocate**  
Global Down Syndrome Foundation

**9:10 a.m.**

*Introductory Remarks*



**Michelle Sie Whitten**

**President and CEO**  
Global Down Syndrome Foundation

**9:20 a.m.**

*Introductory Remarks*



**Bryn Gelaro**

**Vice President, Research & Medical Care**  
Global Down Syndrome Foundation

**9:25 a.m.**

*Introductory Remarks*



**Charlotte Marchione**

**PhD Candidate, Ramachandran Lab**  
University of Colorado Anschutz Medical Campus

**9:30 a.m.**

*Polycomb dynamics in  
Trisomy 21*



**Matthew Galbraith, PhD**

**Associate Research Professor**  
University of Colorado Anschutz Medical Campus

**10:00 a.m.**

*The Trisomy 21 Atlas and  
the Experimental Models of  
Down Syndrome Portal*



**Cong Tian, PhD**

**Research Scientist**  
Creighton University

**10:30 a.m.**

*Hearing Loss in a Down  
Syndrome Mouse Model*

## Break - 11:00 a.m.



**Janelle Posey, MS**

**Research Services Professional**  
University of Colorado Anschutz Medical Campus

**11:15 a.m.**

*Hypoxia-induced Platelet Activation  
and Pulmonary Hypertension are  
Exacerbated and IFNR Copy  
Independent in the Dp16 Mouse  
Model of Down Syndrome*



**Huntington Potter, PhD**

**Professor of Neurology**  
Linda Crnic Institute for Down Syndrome  
CU Anschutz Alzheimer's and Cognition Center

**11:45 p.m.**

*Detecting and Halting  
Accelerated Brain Aging in  
Down Syndrome*

## Lunch Break and Poster Session - 12:15 p.m.



**Elena Woods, PhD**

**Research Associate**  
University of Colorado Anschutz Medical Campus

**1:30 p.m.**

*Deciphering the Immune-  
Stromal Landscape in Down  
Syndrome using Spatial  
Transcriptomics*



**Nicole Baumer, MD, MEd**

**Director, Sie Center for Down Syndrome**  
Children's Hospital Colorado

**2:00 p.m.**

*Shaping Neurodevelopment in  
Down Syndrome: Innovations  
That Optimize Health,  
Learning, and Development*

## Closing Remarks - 3:00 p.m.



# 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)