



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

## DOWN SYNDROME RESEARCH SYMPOSIUM

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

**September 10, 2024**



**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*



**Abigail Frary**

**Dancer, Performer, Sprouts Employee, and  
Advocate**  
Global Down Syndrome Foundation

**9:20 AM**

*Introductory Remarks*



**Ivan Moskowitz, MD PhD**

**Professor of Pediatrics, Pathology, and  
Human Genetics**  
University of Chicago

**9:30 AM**

*Altered Hedgehog Signaling  
in Trisomy 21 Organ Progenitors*

## Break - 10:30 AM



**Deirdre Logsdon, PhD**

Postdoctoral Fellow  
University of Colorado at Boulder

**10:45 AM**

*Defining the Link Between  
Trisomy 21 and Placentation  
Defects*



**Abby Cozart**

Graduate Student  
University of Colorado Anschutz Medical Campus

**11:15 AM**

*Altered TNF $\alpha$  Signaling in  
Down Syndrome*



**Regie Santos-Cortez, MD, PhD**

Associate Professor  
University of Colorado Anschutz Medical Campus

**11:45 AM**

*Otitis Media Microbiome and  
Down Syndrome*

## Lunch and Poster Session - 12:15 PM



**Joaquin Espinosa, PhD**

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

**1:30 PM**

*Multidimensional Analysis of  
Dysmorphogenesis in  
Down Syndrome*



**Arwen Jackson, MA, CCC-SLP**

Speech-Language Pathologist  
Anna and John J. Sie Center for Down Syndrome  
Children's Hospital Colorado

**2:00 PM**

*Dysphagia and Down Syndrome:  
How Clinical Research is Shaping  
Care*



**Marius George Linguraru, DPhil, MA, MSc**

Professor of Radiology and Pediatrics  
George Washington University  
Children's National Hospital

**2:30 PM**

*Digital Genetic Screening for  
Diverse Populations and  
Resource Settings*

## 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/>