

Conference on the Progress of Down Syndrome Research

Web-Based CME/CE Event

Tuesday, March 22, 2022, 1:30pm - 4:35pm EST

Jointly Provided by NYU Long Island School of Medicine and Alexander's Angels, Inc.

[Register Now](#)



March 22, 2022
1:30pm- 4:35pm EST

Register by:
March 21, 2022

[Register Now](#)

CREDIT AVAILABLE

- 2.75 AMA PRA Category 1™ (CME)
- 2.75 ANCC Contact Hours

OVERVIEW

The Up of Down: An Insight into the World of Down Syndrome is a Joint Provider Conference with NYU Long Island School of Medicine and Alexander's Angels, Inc. The focus is to highlight the Down syndrome research progress and consists of speakers from a broad spectrum of specialties. Current findings will be presented by faculty from prestigious universities with affiliated hospitals on their campus.

SELECTED LEARNING OBJECTIVES

- At the conclusion of this course, learners should be able to:
- Explain models that are used to better understand brain development and early-onset of Alzheimer's diseases in Down Syndrome
 - Review sleep difficulties and their related cognitive and behavioral deficits
 - Discuss nutritional and gastrointestinal health in individuals with Down Syndrome
 - Explore answers to skeletal deficits in individuals with Down Syndrome
 - Discuss interferon-driven immune dysregulation and therapeutic strategies for autoimmune skin conditions
 - Discuss research on spatial cognition in people with Down Syndrome
 - Explore developmental and cellular Trisomy 21 phenotypes
 - Explore new ways to improve development and function in individuals with Down Syndrome

TARGET AUDIENCE

All Healthcare Professionals & the community.

COMPETENCIES

Medical knowledge

AGENDA

1:30pm	Welcome and Introduction Esther Gomez-Nieto, MS Lori Benzoni, MPH
1:35pm	OPENING KEYNOTE ADDRESS: New Models for Down Syndrome Research Roger Reeves, PhD
2:15pm	Break
2:20pm	FIRST BREAKOUT SESSION
	1. Role of Sleep for Cognitive Development in Down Syndrome Jamie Edgin, PhD
	2. Immunity and Nutrition in Down Syndrome Xiao-Fei Kong, MD, PhD
	3. What Mice Have Taught Us About Bone in Down Syndrome Randall J Roper, PhD
3:00pm	Break
3:05pm	SECOND BREAKOUT SESSION
	1. A Clinical Trial for Jak Inhibition in Down Syndrome Kelly Sullivan, PhD
	2. Spatial Cognition in People With Down Syndrome Yingying Yang, PhD
	3. Modeling Down Syndrome Using Human Induced Pluripotent Stem Cells Peng Jiang, PhD
3:45pm	Break
3:50pm	CLOSING KEYNOTE ADDRESS: A Dynamic in Vitro Model Trisomy 21 Gene Dosage in Down Syndrome Neurogenes Stefan Pinter, PhD
4:35pm	Adjourn

COURSE DIRECTOR

Lori Benzoni, MPH
Program and Event Specialist
Department of Pediatrics
NYU Langone Hospital – Long Island
Mineola, NY

Kelly Sullivan, PhD

Assistant Professor
Boettcher Investigator
Linda Crnic Institute for Down Syndrome
Department of Pediatrics
University of Colorado Anschutz Medical Campus
Aurora, CO

ACADEMIC COORDINATOR

Jorge Mejia-Corletto, MD
Director, Pediatric Down Syndrome Program
Pediatric Endocrinology
Assistant Professor of Pediatrics
NYU Long Island School of Medicine
NYU Langone Hospital – Long Island
Mineola, NY

Yingying Yang, PhD

Assistant Professor of Psychology
Montclair University
Montclair, NJ

FACULTY

Peng Jiang, PhD
Assistant Professor
Department of Cell Biology and Neuroscience
Rutgers, State University of New Jersey
Piscataway, NJ

Stefan Pinter, PhD

Assistant Professor
Genetics and Genome Sciences
Institute for Systems Genomics
Assistant Director, Graduate Program
in Genetics and Developmental Biology
UConn Health
Farmington, CT

Jamie Edgin, PhD
Associate Professor
Department of Psychology
Co-Director Cognition & Neural Systems Program
University of Arizona
Tucson, AZ

Roger H. Reeves, PhD

Professor of Genetic Medicine and Physiology
McKusick-Nathans Institute for Genetic Medicine
Faculty Director, Transgenic Core Facility
Johns Hopkins University School of Medicine
Baltimore, MD

Randall Roper, PhD
Associate Professor
Department of Biology
Director, IUPUI Graduate Mentoring Center
Indiana University-Purdue University Indianapolis
Indianapolis, IN

PLANNING COMMITTEE:

Esther Gomez- Nieto, MS

President
Alexander's Angels, Inc.
Jericho, NY

Edith Fiore, MS, RN, CPNP, CDCES

Nurse Practitioner
NYU Langone Hospital – Long Island
Mineola, NY

Xiao-Fei Kong, MD, PhD
Assistant Professor of Medicine
Division of Digestive and Liver Diseases
Department of Medicine
Columbia University Medical Center
New York, NY

SELF ADVOCATES:

Jamie Bernstein
Michael Joseph Castro
Kyle Erickson
Brandon Gruber
Katie Roschen
Meghan Schaefer
Brittany Schiavone
Megan Witt

REGISTRATION FEES

We accept ONLINE REGISTRATION ONLY for all NYU Long Island School of Medicine CME-CE courses.

[Register Now](#)

Registration FEES include a CME-CE credit certificate.

REGULAR REGISTRATION FEE

- Physicians - \$20.00
- Non-Physicians - \$10.00

If you need assistance registering, please email us at LISOMcme@nyulangone.org.