

NYU Winthrop
Hospital

**CONFERENCE ON
THE PROGRESS OF
DOWN
SYNDROME
RESEARCH**

MARCH 20, 2019

**NYU WINTHROP
RESEARCH & ACADEMIC
CONFERENCE CENTER**

NYU Winthrop Hospital
Mineola, New York



Accredited by NYU Winthrop Hospital
Approved for 2.00 CME-CE Credits



CONFERENCE ON THE PROGRESS OF DOWN SYNDROME RESEARCH THE UP OF DOWN

The Up of Down: An Insight into the World of Down Syndrome is a Joint Provider Conference with Alexander's Angels, Inc. and NYU Winthrop Hospital. 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. The conference will cover a wide range of topics including plans to explore a broad number of topics related to Down syndrome.

LEARNING OBJECTIVES

At the end of this symposium, learners should be able to:

- Discuss improvements in learning and memory in individuals with Down syndrome
- Assess and discuss why we see early onset Alzheimer's in individuals with Down syndrome
- Explain research findings regarding cellular models
- Discuss common developmental and behavioral observations of individuals with Down syndrome
- Identify medical predispositions in individuals with Down syndrome
- Benefits of Hypoglossal Nerve Stimulation
- Discuss the effects of Down syndrome on the immune system

TARGET AUDIENCE

All healthcare professionals & the community.

COMPETENCIES

- Medical knowledge

CME ACCREDITATION

NYU Winthrop Hospital is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. NYU Winthrop Hospital designates this live activity for a maximum of accredited for **2.00 AMA PRA Category 1 Credits™**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

NURSING ACCREDITATION

NYU Winthrop Hospital is an Approved Provider of continuing nursing education by the Northeast Multistate Division, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation through October 4, 2020. **2.00 contact hours** will be awarded. **Provider # NY009-2020**

FACULTY DISCLOSURE

It is the policy of NYU Winthrop Hospital to adhere to ACCME, NEMSD and ANCC accreditation requirements, policies and Standards for Commercial Support in order to ensure content validity, fair balance, independence, objectivity and scientific rigor in all its sponsored programs. All faculty, planners and authors of educational content, who participate in sponsored programs, must disclose to the audience any potential, apparent or real conflicts of interest related to their contribution to the activity, as well as any discussions of off-label or investigational uses of any commercial products or devices not yet approved in the United States. All faculty disclosures will be made at the time of the activity.

AGENDA

1:30p **Welcome & Introductions**

Moris Angulo, MD

Lori Benzoni, MPH

Esther Gomez-Nieto, MS

1:40p **KEYNOTE ADDRESS**

Targeting the SHH Response Deficit to Improve Learning and Memory

Roger Reeves, PhD

2:30p **SESSION I:**

Rethinking Alzheimer Disease in the Context of Down Syndrome

PRESENTED BY TELECONFERENCE

ROOM A

William Mobley, MD, PhD

Deciphering the Role of Aberrant Interferon Signaling in Down Syndrome

ROOM B

Kelly Sullivan, PhD

Gene Dosage in Cellular Models of Trisomy 21

ROOM C

Stefan Pinter, PhD

3:15p **Coffee and Snack Break**

3:30p **SESSION II:**

Common Developmental and Behavioral Issues of Individuals with Down Syndrome

ROOM A

William Bryson-Brockmann, PhD

Review the FDA Approved Study Looking at the Effect of Hypoglossal Nerve Stimulation in Treating Children Ages 10 to 21 with Down Syndrome and Significant Obstructive Sleep Apnea (OSA)

PRESENTED BY TELECONFERENCE

ROOM B

Christopher Hartnick, MD, MS

The Immune System in Down Syndrome

ROOM C

Xiao-Fei Kong, MD, PhD

4:15p **Adjourn**

FACULTY



Moris Angulo, MD*
(Course Director)
Director, Division of Human Genetics
Associate Director, Pediatric Endocrinology
NYU Winthrop Hospital
Mineola, NY



Lori Benzoni*
(Course Academic Coordinator)
Program and Event Specialist
Department of Pediatrics
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Mineola, NY

KEYNOTE ADDRESS



Roger Reeves, PhD
Professor of Physiology
Faculty Director,
Transgenic Core Facility
Director, Gene Editing Core of
Diabetes Research Center
Johns Hopkins University School of Medicine
McKusick-Nathans Institute of Genetic Medicine
Baltimore, MD

GUEST FACULTY



William Bryson-Brockmann, PhD
Chief Developmental-Behavioral Pediatrics
Department of Pediatrics
NYU Winthrop Hospital
Mineola, NY
Clinical Assistant Professor
Stony Brook University School of Medicine
Stony Brook, NY



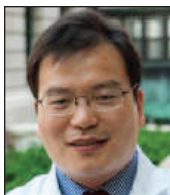
William Mobley, MD, PhD
Associate Dean of Neurosciences Initiatives
Distinguished Professor of Neurosciences
Florence Rifford Chair for
Alzheimer's Disease Research
University of California San Diego
La Jolla, CA



Christopher Hartnick, MD, MS
Massachusetts Eye and Ear Infirmary
Vice Chair of Safety and Quality,
Clinical Research, Department of Otolaryngology
Director, Division of Pediatric Otolaryngology
Director, Pediatric Airway, Voice
and Swallowing Center
Professor of Otolaryngology
Harvard Medical School
Boston, MA



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



Xiao-Fei Kong, MD, PhD
Rockefeller University
St. Giles Laboratory of Human Genetics of
Infectious Diseases
Columbia University
Gastroenterology Fellow
New York, NY



Kelly Sullivan, PhD
Linda Crnic Institute for Down Syndrome
Department of Pediatrics
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Assistant Professor of Pediatrics
University of Colorado, Anschutz Medical Campus
Aurora, CO

PLANNING COMMITTEE

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(Activity Planner)
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SELF-ADVOCATES

Jamie Bernstein

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Katherine Giunta

Richie Henn

Matthew Hoffman

Meghan Schaefer

Brittany Schiavone

*Planning Committee Member

REGISTRATION

We accept online registration ONLY for all NYU Winthrop CME-CE courses. Please register at winthrop.cloud-cme.com **SPACE IS LIMITED. REGISTER EARLY.**

LOCATION

NYU Winthrop Research & Academic Conference Center*

Main Level

101 Mineola Boulevard

Mineola, NY 11501

*Conference Center is 1 block from the LIRR

REGISTRATION FEES

Registration is FREE and includes educational materials, refreshments and CME-CE credit certificate

ACCOMMODATIONS

We do not have a discounted room block for this meeting. However, if you require a hotel, we suggest that you contact the Garden City Hotel by calling 1-800-547-0400.

PARKING

Parking is available at any of these convenient campus lots:

- Mineola Intermodal Center at 65 3rd Ave., Mineola (Payment required).
- NYU Winthrop Campus Visitor's Parking Garage (access via Emergency entrance at 2nd & 3rd Ave. Payment required).
- 120 Mineola Blvd. Ramp (Free parking on weekends above level 2 only, other levels will be fined).

NOTE: Parking will not be validated in any NYU Winthrop campus lots.

CONFIRMATION

All registrants will receive a confirmation via email.

CANCELLATION

If you need to cancel your reservation please contact Lori Benzoni at Lori.Benzoni@nyulangone.org or 516-663-2112.

SPECIAL NEEDS

The NYU Winthrop Research & Academic Conference Center is accessible to individuals with disabilities or special needs. Participants with special needs should contact the Office of CME at 516-663-8459.

MORE INFORMATION

If you experience technical problems with the online system, wish to register a group, or require other special arrangements; please contact Keyana Golds at 516-663-9685 or via email at Keyana.Golds@nyulangone.org for assistance.