

GENERAL INFORMATION

OBJECTIVES

Upon completion of this program, the learner should be able to:

- Identify neurogenetic disease of the brain, spinal cord, nerve, and muscle
- Utilize the current standards of care for managing these disorders
- Describe how to diagnose and differentiate these disorders in a rational manner
- Discuss the clinical presentation and management of genetic diseases of the brain, spinal cord, nerve and muscle
- Explain advances in translational science for these neurogenetic disorders
- Review the underlying etiologies for these disorders and approaches to treatment
- Evaluate patients and families with neurogenetic conditions

Registration

Thanks to several sponsors, this year's symposium is free for all attendees. While registration is open until the start of the conference, we encourage early registration to enable us to provide the best possible service.

Welcome Reception

A welcome reception will be held Thursday, October 10th from 6-9pm at the residence of Dr. Michael Shy: 1010 Highwood St, Iowa City.

Parking

Parking for the Neurogenetics Symposium is available in the hospital and campus ramps at prevailing rates.

Print clearly

Name _____

Address _____

City _____

State/ Zip _____

Phone _____

E-mail _____

Company or Business Name _____

Degree _____

Primary Specialty _____

THREE WAYS TO REGISTER



University of Iowa Hospital and Clinics
Neurology Department
Neurogenetics Symposium
200 Hawkins Dr
Iowa City, Iowa 52242



Phone: (319) 353-8362



Online: HERE: https://uiowa.qualtrics.com/jfe/form/SV_6PQJ6iUo78df72B

The University of Iowa requests this information for the purpose of processing your registration. No persons outside the University of Iowa are routinely provided this information.

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Individuals with disabilities are encouraged to attend all University of Iowa sponsored events. If you are a person with a disability who requires an accommodation in order to participate in this program, please contact the Neurology Department in advance at (319) 356-8958.



PROGRAM FACULTY

University of Iowa Faculty

Carver College of Medicine

Kevin Campbell, PhD

Investigator, Howard Hughes Medical Institute

Director, Senator Paul D. Wellstone MDCRC Chair Department Executive Officer, Department of Molecular Physiology and Biophysics

Roy J. and Lucille A. Carver Biomedical Research Chair

Professor of Neurology

Lillian Howard, MS, CGC

Certified Genetic Counselor

Department of Pediatrics

Department of Neurology

Nandakumar Narayanan, MD, PhD

Assistant Director, Clinical

Neuroscientist Training Program in Neurology

Assistant Director, Residency Program in Neurology

Associate Professor of Neurology

Peg Nopoulos, MD

Professor of Psychiatry, Pediatrics, and Neurology

Chair and DEO, Department of Psychiatry

University of Iowa Carver College of Medicine

Laurie Gutmann, MD

Vice Chair for Clinical Research Professor of Neurology

Michael Shy, MD

Course Director, Neuromuscular Medicine

Division Director, Charcot-Marie-Tooth Program

Director, Neurogenetics

Co-Director, MDA Clinic

Co-Director, Iowa Neuromuscular Program

Professor of Pediatrics, Neurology, and Physiology

Department of Pediatrics and Neurology

Guest Faculty

Anne Connolly, MD, FAAN

Chief of the Division of Neurology at Nationwide Children's Hospital, Professor of Pediatrics at The Ohio State University College of Medicine

Laura P.W. Ranum, PhD

Director of Center for NeuroGenetics

Professor of Molecular Genetics and Microbiology at the University of Florida

Richard Jude Samulski, PhD

Professor of Pharmacology at the University of North Carolina at Chapel Hill School of Medicine

PROGRAM AGENDA

FRIDAY, OCTOBER 11, 2019

7:30 a.m.

Registration and Breakfast

8:00 am

Welcome and Announcements

8:15 am

Novel Genetic Cause of Pediatric Muscle Disease

Anne Connolly, MD, FAAN

9:00 am

Neuroprotection for Neurodegeneration: Lessons from Parkinson's Disease

Kumar Narayanan, MD, PhD

9:30 am

Break

9:45 am

Gene Therapy Therapeutics for the 21st Century: A Personal Perspective

Richard Jude Samulski, PhD

10:30 am

Clinical Trial Readiness in CMT Disorders

Michael Shy, MD

11:30 a.m.

Lunch & Case Study Presentations

1:00 pm

RAN as a Disease Mechanism in Expansion Disorders

Laura P.W. Ranum, PhD

1:45 pm

Role of MRI Imaging in Understanding Myotonic Dystrophy

Peg Nopoulos, MD

Laurie Gutmann, MD

2:15 pm

Break

2:30 pm

Updates in Epilepsy Genetics

Lillian Howard, MS, CGC

3:00 pm

Mechanistic Insights into O-Glycosylation-Deficient Muscular Dystrophy

Kevin Campbell, PhD

3:30 pm

Adjourn