**LEARNING OBJECTIVES**

Upon completion of this live activity, participants will be able to:

- Integrate telemedicine into their practice
- Relate and apply lessons learned from the COVID-19 pandemic
- Prepare and plan for progressive innovations in genomic medicine to address rare diseases

**CONTINUING EDUCATION**

Children’s of Alabama designates this live activity for a maximum of 2.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Children’s of Alabama is accredited by the Medical Association of the State of Alabama to provide continuing medical education for physicians.

Questions? Contact Alli Romack at alfaun@uab.edu
FRIDAY, MARCH 4, 2022
AGENDA

Introduction by Bruce Korf, MD, PhD

12:00-1:30
TELEMEDICINE:
REMOTE HEALTH CHALLENGES
Introduction: Nathaniel Robin, MD, FACMG

12:00-12:30
Keynote: Building Virtual Models in Genetics – the Dream Home
~ Natasha Shur, MD

12:30-1:00
Telemedicine Clinic Challenges
~ Eric Wallace, MD, FASN

1:00-1:30
Telemedicine Panel
~ Moderator: Anna C. E. Hurst, MD, MS, FACMG
~ Eric Wallace, MD, FASN
~ Nathaniel H. Robin, MD, FACMG
~ Bruce Korf, MD, PhD
~ Natasha Shur, MD
~ Asiah Borden, BS

1:30-1:45
Break

1:45-3:15
NOVEL THERAPEUTICS
Introduction: Matt Might, PhD

1:45-2:15
Antisense Oligonucleotide Therapeutics for Rare Neurological Diseases
~ Frank Bennett, PhD

2:15-2:45
Using CRISPR to Create Precision Animal Models of Rare Diseases
~ Laura Lambert, PhD

3:15-3:30
THERAPEUTICS PANEL
~ Moderator: Matt Might, PhD
~ Q & A Moderator: Emily K. Johnson, BS
~ Deeann Wallis, PhD
~ Brittany Lasseigne, PhD
~ Camerron Crowder, PhD
~ Renie Moss, BS

3:30-4:30
PATIENT AND PARENT ADVOCATE PANEL:
FINDING YOUR VOICE THROUGH VULNERABILITY
~ Moderator: Swapna Kakani
~ Q & A Moderator: Brooke Thomas
~ Morgan Cheek
~ Effie Parks
~ Seth Rotberg
~ Ashley Valentine

IN RARE DISEASE CARE
Telehealth & Therapeutic Advances in Rare Disease Care

SPEAKERS/MODERATORS

Natasha Shur, MD  
Geneticist, Children’s National Health System, Washington, DC

Eric Wallace, MD, FASN  
Associate Professor of Medicine  
UAB eMedicine, Medical Director  
Rare Genetic Kidney Disease Clinic, Division of Nephrology, Department of Medicine

Anna C. E. Hurst, MD, MS, FACMG  
Associate Professor, Medical Geneticist  
UAB Medicine, Department of Genetics

Rennie Moss, BS  
AGHI Program Director

Nathaniel H. Robin, MD, FACMG  
Medical Director, Genetics  
UAB Medicine  
Professor, Department of Genetics

Bruce Korf, MD, PhD  
Associate Dean for Genomic Medicine, UAB Heersink School of Medicine  
Chief Genomics Officer, UAB Medicine  
Wayne H. And Sara Crews Finley Endowed Chair in Medical Genetics  
University of Alabama at Birmingham

Asiah Borden, BS  
Clinical Administrator  
Department of Genetics, UAB

Frank Bennett, PhD  
Chief Scientific Officer and Neurology Franchise Leader  
Ionis Pharmaceuticals

Laura Lambert, PhD  
Assistant Professor  
Co-Director of UAB Transgenic & Genetically Engineered Models Core  
Department of Genetics, UAB

Matt Might, PhD  
Director, Hugh Kaul Precision Medicine Institute  
Hugh Kaul Endowed Chair in Personalized Medicine

Emily K. Johnson, BS  
Genetics Researcher, UAB

Deeann Wallis, PhD  
Associate Professor, Department of Genetics

Brittany Lasseigne, PhD  
Assistant Professor, Department of Cell, Developmental and Integrative Biology  
Associate Scientist, Experimental Therapeutics, O’Neal Comprehensive Cancer Center

Camerron Crowder, PhD  
Assistant Director of Education, Research and Science Communication  
Hugh Kaul Precision Medicine Institute

Swapna Kakani  
Founder and Director, Alabama Rare

Brooke Thomas  
Alabama Rare

Morgan Cheek  
Rare Disease Parent Advocate  
Author and Co-Host of Grief Sown

Effie Parks  
Rare Disease Parent Advocate  
Once Upon a Gene Podcast Host

Seth Rotberg  
Rare Disease Patient Advocate  
Co-Founder of Our Odyssey

Ashley Valentin  
Rare Disease Sibling Advocate  
Co-Founder of Sick Cells