

NEXT GENERATION TECHNOLOGY

TO MANAGE RARE DISEASES

Virtual Conference via zoom

Friday, February 26, 2021

12:00 — 5:15 pm

FREE to attend!

To register, visit

ChildrensAL.org/genetics

Questions? Contact Shaila Handattu at hande@uab.edu

GLOBAL LEARNING OBJECTIVES

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

- To recognize the current capabilities of 'omics-based molecular diagnostics for rare genetic disorders
- Identify novel, scalable approaches to the provision of genetic counseling in the context of population genetic testing
- Explain approaches to genetic variant discovery and interpretation
- Address health disparities in rare disease communities
- Review the changes that have occurred in telehealth regulatory and reimbursement during the public health emergency
- Discuss potential for repurposing drugs to address rare diseases

CONTINUING EDUCATION

CME

Children's of Alabama designates this live activity for a maximum of 3.5 *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.



Children's
of Alabama®

 Alabama Genomic
HEALTH INITIATIVE

UAB MEDICINE.

EIGHTH ANNUAL RARE DISEASE GENOMICS SYMPOSIUM

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FRIDAY, FEBRUARY 26, 2021

AGENDA

With Bruce Korf MD, PhD, as Session Moderator

- 12:00-12:30 **Recent Innovations in Genome Sequencing**
~ Gregory Cooper, PhD
- 12:30-1:00 **Applying Computational Biology and Data Science Methods to Address Needs in Rare Disease Diagnosis and Prognosis**
~ Elizabeth Worthey, PhD
- 1:00-1:30 **Scalable Approaches to the Provision of Genetic Counseling**
~ Kelly East, MS, CGC
- 1:30-1:45 **Break**
- 1:45-2:15 **Telehealth, COVID and Rare Disease**
~ Eric Wallace, MD
- 2:15-2:45 **Disparities in Rare Disease Management: An Urgent Matter to Address?**
~ Stephen Sodeke, PhD
- 2:45-3:15 **Parent Panel**
~ Tammi Skelton, MSN, CRNP, NP-C
Moderator
(CME credit is not offered for this session)
- 3:15-3:30 **Break**
- 3:30-4:30 **KEYNOTE**
Personalized Medicine for Rare Diseases: Lessons Learned from Chasing My Cure
~ David Fajgenbaum, MD, MBA, MSc
- 4:30-5:15 **Virtual Cocktail Hour**

SPEAKERS/MODERATOR

- Bruce Korf MD, PhD
University of Alabama at Birmingham
- Gregory Cooper, PhD
HudsonAlpha Institute for Biotechnology
- Elizabeth Worthey, PhD
University of Alabama at Birmingham
- Kelly East, MS, CGC
HudsonAlpha Institute for Biotechnology
- Eric Wallace, MD
University of Alabama at Birmingham
- Stephen Sodeke, PhD
Tuskegee University
- Tammi Skelton, MSN, CRNP, NP-C
Children's of Alabama
- David Fajgenbaum, MD, MBA, MSc
University of Pennsylvania