



## Genetics Clinical Grand Rounds

*Presented by*

**Department of Genetics  
Yale School of Medicine**

### **“Genetics of Neurodevelopmental Disorders: one small step for Science, one giant leap for Medicine”**

**Dr. Mafalda Barbosa, MD, PhD**

Chief Resident, Medical Genetics  
Icahn School of Medicine at Mount Sinai

**Date: March 30, 2021 10:15am  
via Zoom**

**[Zoom Link](#) – passcode: 781657**

**Course Director/Host: Dr. Rama Kastury, DO**

***There is no corporate support for this activity***

This course will fulfill the licensure requirement set forth by the State of Connecticut

#### **ACCREDITATION**

The Yale School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

#### **TARGET AUDIENCE**

Attending physicians, clinical and basic scientists, nurses, residents, fellows, medical students, and other health care providers.

#### **NEEDS ASSESSMENT**

Neurodevelopmental disorders (NDs) encompass a spectrum of neurological disease caused by disruption of brain development, including Autism Spectrum Disorder, Intellectual Disability, Communication Disorders, Attention Deficit and Hyperactivity Disorder, Specific learning disorder and Motor disorders. We will review how our understanding of the genetics of NDs has evolved over time, current state of the art when it comes to genetic testing as well as emerging trends in the research of NDs.

#### **LEARNING OBJECTIVES**

- 1) Understand the complex genetic architecture of NDs
- 2) Current genetic testing guidelines in NDs
- 3) Review ways of improving the diagnostic yield using well established technology as well as future directions

#### **DESIGNATION STATEMENT**

The Yale School of Medicine designates this live activity for 1 AMA PRA Category 1 Credit(s)<sup>TM</sup>. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

#### **FACULTY DISCLOSURES**

Dr. Mafalda Barbosa, MD, PhD - none  
Dr. Rama Kastury, DO - none

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