



YaleCME
CONTINUING MEDICAL EDUCATION

Presented by the Yale Child Study Center

Patricia Aguayo, MD, MPH

Medical Director of Autism Services
The Autism Center at the Hospital for Special Care
“A Case for Genetics in Child Psychiatry”

Rebecca Muhle, MD, PhD

Solnit Integrated Adult and Child & Adolescent Psychiatry Research Fellow
“Regulatory Networks of Autism Risk”

Paul Avillach, MD, PhD

Assistant Professor, Pediatrics & Biomedical Informatics
Harvard Medical School
“Creating Trust in Translation Research Platforms”

“Harnessing the Power of Big Data: Precision Medicine Approaches from the Bench to the Bedside and Beyond”

Tuesday, November 24, 2015, 1:00 p.m.

Donald J. Cohen Auditorium, Room E02

There is no corporate support for this activity
This course will fulfill 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.

NEEDS ASSESSMENT

There is a need to educate clinicians about Precision Medicine methodologies and application to individual patients, as well as the collation and analysis of data across clinical cohorts. This seminar will present different aspects of the Precision Medicine approach, including the utilization of genetic and systems biology studies to inform basic research, the application of molecular genetic diagnosis to a clinical case, and the creation of secure translational research platforms.

LEARNING OBJECTIVES

At the conclusion of this activity, participants will understand:

1. How medical genetics can guide the clinical management of a patient with a 16p 11.2 deletion
2. The utilization of genome-wide systems-based approaches to explore biological processes underlying developmental disorders
3. A method to integrate disparate data types (genotype, EMR, scanned records and clinical phenotypes) into a rapidly query-able data commons

Designation Statement

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

FACULTY DISCLOSURES

It is the policy of Yale School of Medicine, Continuing Medical Education, to ensure balance, independence, objectivity and scientific rigor in all its educational programs. All faculty participating as speakers in these programs are required to disclose any relevant financial relationship(s) they (or spouse or partner) have with a commercial interest that benefits the individual in any financial amount that has occurred within the past 12 months; and the opportunity to affect the content of CME about the products or services of the commercial interests. The Center for Continuing Medical Education will ensure that any conflicts of interest are resolved before the educational activity occurs.