Genetics Clinical Grand Rounds

Presented by
Department of Genetics
Yale School of Medicine

“Genomic medicine: A Hong Kong Story on how international collaboration has resulted in improved diagnosis, better patient management and discovery of new syndromes”

Brian Hon-Yin Chung, MD
Clinical Associate Professor
University of Hong Kong

Date: October 22, 2019  10:15am
Location: SHM I-304

Course Director/Host: Dr. James McGrath, MD, PhD

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
Genomic sequencing is now in routine clinical practice. Medical geneticists need to understand the different diagnostic options following an initial negative evaluation. We describe a collaborative study between Yale and the University of Hong Kong on exome re-analysis that has resulted in positive outcomes. It is important for providers and personnel to document the clinical utility of genomic testing beyond diagnosis to provide strong evidence for funding support.

LEARNING OBJECTIVES
1. Understand the different approaches in tackling undiagnosed genetic diseases following a negative WES.

2. Understand the need of longitudinal studies to evaluate the clinical benefits of genomic sequencing. Discuss the history and scope of NIH undiagnosed disease network.

3. Understand how international collaboration can lead to the discovery of new syndromes, e.g. MCTT syndrome.

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

FACULTY DISCLOSURES
Dr. Brian Chung, MD - none
Dr. James McGrath, MD, PhD - none

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.