



# Research Seminar

**YaleCME**  
CONTINUING MEDICAL EDUCATION

Yale School of Medicine's  
Department of Laboratory Medicine

## **“Precision Medicine from B to C: diagnostic applications of next-generation sequencing in bacteria and cancer”**

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**Wednesday, February 5, 2020**  
**Noon, CB 401**

Host: Wade Schulz

Course Director: Joe El-Khoury & Ellen Foxman

### 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, Fellows, Medical Students, Nurses, Physician Assistants, and Medical Researchers.

### NEEDS ASSESSMENT

1. Learn about current clinical and basic research findings relevant to clinical pathology
2. Discuss current questions that are outstanding in the field
3. Hear about the latest work being performed at other institutions as well as Yale School of Medicine.

### LEARNING OBJECTIVES

1. Understand the considerations surrounding the molecular diagnosis of microsatellite instability across cancers
2. Describe methods of NGS error correction using Unique Molecular Identifiers
3. Identify applications of whole genome sequencing in molecular bacteriology

### DESIGNATION STATEMENT

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

### FACULTY DISCLOSURES

Joe El-Khoury-None

Wade Schulz- None

Ellen Foxman-None

Stephen Salipante-Bristol Myers Squibb, Research Grant, Promega, Consulting Fee

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*There is no corporate support for this activity.* This course will fulfill the licensure requirement set forth by the State of Connecticut