

YALE SCHOOL OF MEDICINE
PATHOLOGY
GRAND ROUNDS AND
DIAGNOSTIC SLIDE SEMINAR

Host: David Rimm, MD, PhD



Scott V. Bratman, MD, PhD

Associate Professor of Radiation Oncology
and of Medical Biophysics, University of Toronto
Senior Scientist, Princess Margaret Cancer Centre Research
Institute, University Health Network

GRAND ROUNDS: 12:30 PM

**“Multimodal Cell-free DNA Profiling in
Oncology”**

Thursday, October 1st, 2020

Zoom Meetings ID and Password: emailed separately

For information contact : susana.cruz@yale.edu

There is no corporate or grant 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, researchers, house staff, fellows, residents, medical students, nurses.

NEEDS ASSESSMENT

The use of cell-free DNA as a “liquid biopsy” is rapidly gaining acceptance in clinical settings. This talk will focus on the biology of circulating cell-free DNA and applications in oncology. The presenter will review

new approaches for highly accurate detection of cancer-derived mutations and epigenetic aberrations within cell-free DNA. Emerging clinical applications of multimodal cell-free DNA profiling will be discussed.

LEARNING OBJECTIVES

At the conclusion of this activity, participants will be able to:

- Understand the molecular marks on circulating cell-free DNA that can be used for liquid biopsy in cancer patients.
- Understand the respective advantages of mutation- and methylation-based analyses of cell-free DNA.

- Describe how cell-free DNA analysis could be used for diagnosis and monitoring of cancer patients.

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

Speaker Name: Scott Bratman, MD, PhD - Bristol-Myers Squibb; Nektar Therapeutics; Roche Molecular Diagnostics; DNAMx, Inc.
Course Directors: Manju Prasad, MD - NONE
Kurt Schalper, MD, PhD - NONE

Gopal Pallavi, MD, PhD - NONE

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