



Genetics Clinical Grand Rounds

Presented by

**Department of Genetics
Yale School of Medicine**

ACMG points to consider regarding the incidental detection of:

- **acquired /somatic variants in germline genetic testing**
- **germline variants in tumor genetic testing**

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**Date: May 18, 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

- The first part of this presentation will review the ACMG points to consider for the incidental detection of acquired/somatic variants in NGS testing for inherited disorders (ACMG statement, PMID: 33864022). These variants can arise due to postzygotic mosaicism or be specific to the hematopoietic cell lineage.
- The second part of this presentation will discuss the ACMG points to consider for reporting clinically significant germline variants in patients undergoing tumor testing (ACMG statement, PMID: 32321997). These germline variants can be associated with hereditary cancer susceptibility, as well as other conditions.

LEARNING OBJECTIVES

1. Review the challenges associated with the incidental detection of somatic variants during genetic/genomic testing for inherited disorders.
2. Discuss the potential benefits and limitations related to reporting germline variants when performing tumor genetic testing.

DESIGNATION STATEMENT

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

FACULTY DISCLOSURES

Andreea Popa, FACMG - none
Dr. Rama Kastury, DO - none

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