

# PATHOLOGY GRAND ROUNDS



## Erik S. Knudsen, PhD

Chairperson, Molecular and Cellular Biology  
Associate Director  
Center for Personalized Medicine  
Roswell Park Comprehensive Cancer Center

## “Cell Cycle: Targeting the Cancer Hallmark Therapeutically”

Thursday, March 26, 2020

12:30 p.m.

Fitkin Amphitheater – LMP 1094

Hosts: Pathology Graduate Students



*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

This talk will focus on approaches to target the cell cycle for the treatment of cancer. The presenter will show studies related to different therapeutic approaches with

a particular emphasis on targeting the RB-pathway using CDK4/6 inhibitors as well as other agents that could be deployed for a precision approach to targeting the hallmark of cancer.

#### LEARNING OBJECTIVES

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

- Understand the basic regulatory principles of the cell cycle;
- Describe how CDK4/6 inhibitors work in the clinic;
- Understand the role of the Retinoblastoma tumor suppressor as a therapeutic node in different tumor types.

#### 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 credit commensurate with the extent of their participation in the activity.

#### FACULTY DISCLOSURES

Speaker Name: Erik S. Knudsen, PhD - NONE  
Course Directors: Manju Prasad, MD - NONE  
Kurt Schalper, MD, PhD - NONE  
Gopal Pallavi, MD, PhD - NONE

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