

PATHOLOGY GRAND ROUNDS



Joan W. Conaway, PhD

Investigator and Helen Nelson Distinguished Chair
Stowers Institute for Medical Research

“Mediator and the Regulation of Post-Initiation Events in Transcription”

Thursday, December 12th, 2019

12:30 p.m.

Fitkin Amphitheater – LMP 1094

Host: Qin Yan, PhD



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

Mis-regulation of gene transcription due to mutation or dysregulation of key transcription regulators contributes to pathogenesis of many human diseases. The presenter will show studies that provide insights into mechanisms by which one such transcription regulator, the Mediator, functions with complexes containing the

elongation factor ELL (eleven-nineteen lysine-rich in leukemia) to regulate post-initiation steps in transcription.

LEARNING OBJECTIVES

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

- Describe roles of the Mediator complex in transcript elongation and termination;
- Describe interactions between Mediator and the ELL-containing Super Elongation Complex that affect transcription of many protein-coding genes;
- Describe contributions of Mediator and the ELL-containing Little Elongation Complex to termination and 3'-processing of non-polyadenylated transcripts.

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: Joan W. Conaway, PhD - Drug Royalties Fund II LLC; Globus Medical Inc; ICU Medical Inc; Johnson & Johnson; Envista Holdings; Smith & Nephew; Dentsply Sirona; Abbvie; Amgen; Cardinal Health; Down Inc; Gilead Sciences Inc; Medtronic; Medical Properties Trust, Inc; Pfizer, Inc.
Course Directors: Manju Prasad, MD - NONE
Kurt Schalper, MD, PhD - NONE

Gopal Pallavi, MD, PhD - NONE

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