

PATHOLOGY GRAND ROUNDS



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“Harnessing Neuronal Trafficking for Therapeutics in Neurodegeneration”

Thursday, September 12, 2019

12:30 p.m.

Fitkin Amphitheater – LMP 1094

Host: Pallavi Gopal, M.D., Ph.D.



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

There are currently no disease modifying agents for devastating neurodegenerative diseases like Alzheimer's and Parkinson's disease. Physiologic trafficking mechanisms are often exaggerated - or go awry - in

these diseases, offering opportunities for therapeutic intervention. Recent advances in gene editing and gene delivery to the brain also provide unprecedented tools to modulate pathologic trafficking mechanisms. This talk will give examples of such interventions in neurodegenerative diseases.

LEARNING OBJECTIVES

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

- Recognize trafficking pathways that can be potentially harnessed for therapeutics in Alzheimer's and Parkinson's disease.
- Understand new ways in which CRISPR/Cas9 can

be used as therapeutics in neurodegenerative Alzheimer's and Parkinson's disease.

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: Subhojit Roy, MD, PhD - NONE
Course Directors: Manju Prasad, MD - NONE
Kurt Schalper, MD PhD - NONE
Pallavi Gopal, MD, PhD - NONE

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