



YaleCME
CONTINUING MEDICAL EDUCATION

January Seminar Notice

Presented by
Yale School of Medicine
Department of Internal Medicine
Section of Rheumatology

"U1-snRNP Activates NLRP3 Inflammasome In Human Monocytes "

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Wednesday • January 30, 2013 • 8:00 to 9:00 a.m.
300 Cedar Street, 2nd Floor Conference Room
Room N203 TAC Building

ACCREDITATION

The Yale School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

NEEDS ASSESSMENT

NLRP3 inflammasome is a protein complex that is involved in producing the inflammatory cytokine IL-1b. Patients with lupus and mixed connective tissue disease have autoantibodies to U1-snRNP although the role of such immune complexes is largely unknown. Thus, it is important for rheumatologists and trainees to learn about the possible role of this molecular complex in rheumatic diseases.

LEARNING OBJECTIVES

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

1. Define the NLRP3 inflammasome
2. Understand the role of the NLRP3 inflammasome in IL-1b production
3. Understand the involvement of U1-snRNP and anti-U1-snRNP antibodies in inducing IL-1b production via activating the NLRP3 inflammasome.

DESIGNATION STATEMENT

The Yale School of Medicine designates this educational 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

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This course will fulfill the licensure requirement set forth by the State of Connecticut