



Rheumatology Grand Rounds

Presented by

Section of Rheumatology, Allergy & Immunology

“Megakaryocytes as Immune Cells”

Peter Nigrovic, MD

Associate Professor of Medicine, Harvard Medical School
Associate Physician (Brigham and Women's Hospital)

Date: Wednesday, December 16, 2020 Time: 8:00-9:00 am

ZOOM: <https://zoom.us/j/96572644094?pwd=UGh3dHgVZXBXNlZibWxqUEluZkk5UT09&from=addon>
Meeting ID: 965 7264 4094

CME: To record your attendance to this activity, text the Activity Code, 20684 to 203-442-9435 from 7:45am-9:15am

Course Director/Host: Fotios Koumpouras, MD

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

Department faculty, attending physicians, subspecialty fellows, community physicians, resident house staff, physician assistants and medical students.

NEEDS ASSESSMENT

As our understanding of the immune system evolves, we continue to expand our knowledge of the cellular mediators involved in the normal immune response, autoimmunity, and inflammation. Platelets have been recognized as playing various roles in inflammation, though less is known about their progenitor cell – the megakaryocyte. In this discussion we will consider the possible role of megakaryocytes as immune cells, including their interaction with neutrophils via emperipolesis.

LEARNING OBJECTIVES

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

1. Understand the basis for considering megakaryocytes as participants in immunity
2. Consider mechanisms, aside from platelets, through which megakaryocytes might act as a distance

3. Review emperipolesis as a paradigm-shifting form of cell-in-cell interaction between megakaryocytes and neutrophils

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

Speaker: Peter Nigrovic, MD – NONE

Course Director: Fotios Koumpouras, MD- Celgene (honorarium), Aurora (research grant), EMD, ULB, GSK (research grant)

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