Rheumatology Grand Rounds

*Presented by*

Section of Rheumatology, Allergy & Immunology

**“The Impact of the Gut Microbiome on Rheumatoid Arthritis Treatment”**

Renuka Nayak, MD, PhD

Assistant Professor, Division of Rheumatology, Department of Medicine

University of California, San Francisco

**Date: Wednesday, March 31, 2021 ~ Time: 8:00-9:00 am**

ZOOM: <https://zoom.us/j/2038093783?pwd=bkZJaHRkTUxwZXJCQnNuTHFWa0Qrdz09&from=addon>

Meeting ID: 203 809 3783

CME: Text the code 20699 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**

The interplay between the gut microbiome and autoimmune disease is an active area of investigation. Alterations of gut microbiota have been discovered in diseases such as SLE and rheumatoid arthritis, and it is felt the gut microbiome may have an impact on the treatment of such diseases. In today's discussion, we will review methodologies of ongoing research into the gut microbiome with a focus on its relationship to the treatment of rheumatoid arthritis.

**LEARNING OBJECTIVES**

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

1. List the ways in which the human gut microbiota may be implicated in treatment of rheumatic diseases  
2. Identify ways in which microbiome researchers study the role of gut microbiota in disease treatment

3. Recognize opportunities for the use of microbiome-based markers to advance patient care

**DESIGNATION STATEMENT**

The Yale School of Medicine designates this live activity for 1 AMA PRA Category 1 Credit(s)™. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

**FACULTY DISCLOSURES**

*Speaker:* Renuka Nayak, MD, PhD, MD – NONE

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

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