RHEUMATOLOGY GRAND ROUNDS

*Presented by*

Yale School of Medicine’s, Department of Internal Medicine,

Section of Rheumatology

“Inflammation and Back Again: Counter-Inflammation in the Rheumatic Disease”

**Lisa Korn, MD, PhD**

Clinical Fellow (Rheumatology)

**Date: Wednesday, May 6, 2020**

**Via ZOOM**

**Time: 8:00-9:00 am**

**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 inflammatory response is a complex cascade of molecular events, lipid mediators, cytokines and specialized cell types that are activated in order to respond to potentially harmful stimuli such as cell death and damage, caustic irritants, and foreign pathogens. Resolution of inflammation is just as important as activation and unchecked and prolonged inflammation can lead to tissue damage and disease. It is this unchecked inflammation which is responsible for multiple disease states including autoimmune disorders, auto-inflammatory disorders, malignancy, obesity, and cardiovascular disease. Most therapeutic interventions currently used in rheumatic diseases are centered around inhibiting pro-inflammatory signals. However, there is very limited understanding of the concept of counter-inflammation and it’s active mediators. Better understanding of counter-inflammation could identify completely new therapeutic targets for rheumatic diseases and beyond and could change the way we approach these often incompletely treated disorders. Dr. Korn will introduce the concept of counter-inflammation as it relates to homeostasis in tissues. She will then explain how counter-inflammation could apply to rheumatic diseases specifically and explore therapies with potential to be counter-inflammatory.

**LEARNING OBJECTIVES**

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

1. Learn about counter-inflammation as it relates to homeostasis in tissues

2. Consider how counter-inflammation could apply in rheumatic diseases

3. Explore therapies with potential to be counter-inflammatory

**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:* Lisa Korn, MD, PhD – NONE

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

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