



RHEUMATOLOGY, ALLERGY & IMMUNOLOGY GRAND ROUNDS

Presented by

Section of Rheumatology, Allergy & Immunology

“Animal Models and Immune Responses in COVID-19 and other Human Coronavirus Infections”

Stanley Perlman, MD, PhD

Professor, Department of Microbiology and Immunology, and Pediatrics
University of Iowa

Date: Friday, May 29, 2020 Time: 12:00-1:00 pm

Via Zoom - <https://zoom.us/j/98184331715>

CME: To record your attendance to this activity, please text the Activity Code, (17279) to 203-442-9435 from 11:45am-1:15 pm on day of talk

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

Coronaviruses are RNA viruses that cause upper respiratory tract infections in humans, with the clinical spectrum ranging from low to very high disease severity. SARS-CoV-2 is the novel coronavirus responsible for the current COVID-19 global disease pandemic. This presentation will focus upon developing an understanding of the immunopathology of disease caused by SARS-CoV-2 in animal models and in humans. The presentation will also highlight important lessons from other infections to guide our current understanding of the immune responses to SARS-CoV-2. Learners will develop a greater understanding of COVID-19 disease based on the latest research with particular emphasis upon host immune responses to this infection.

LEARNING OBJECTIVES

1. To understand progress in animal model development for covid-19
2. To understand how lessons from immune responses in non-sars-cov-2 infections guides interpretation of covid-19 immune responses.
3. To learn about coronavirus-induced immunopathology

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: Stanley Perlman, MD, PhD - NONE

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

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