



Yale Pulmonary Critical Care and Sleep Medicine Grand Rounds

YaleCME
CONTINUING MEDICAL EDUCATION

Presented by

Yale School of Medicine, Department of Internal Medicine, Section of Pulmonary, Critical Care and Sleep Medicine

Immune Responses to SARS-CoV-2



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Yale School of Medicine

Wednesday, February 3, 2021 @ 3-4 pm EST

Moderator: Margaret Pisani, MD

REMOTE ATTENDANCE ONLY – NO LOCAL AUDIENCE

PC, Mac, Linux, iOS or Android: <https://zoom.us/j/94544698749>

Telephone: Dial: +1 203 432-9666 or (+1 888 788-0099 or +1 877 853-5247 US Toll-free); Meeting ID: 945 4469 8749

CME credit for live event only.

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

Attending physicians, house staff/fellows, medical students, nurses, physician assistants.

NEEDS ASSESSMENT

The clinical presentation of COVID-19 involves a broad range of symptoms and disease trajectories. Understanding the nature of the immune response that leads to recovery over severe disease is key to developing effective treatments for COVID-19. In this talk, I will discuss immune responses in COVID-19 patients with moderate and severe disease. I will compare viral load, immune phenotype and cytokines that are predictive of mortality, and discuss signatures of cytokines and growth factors that associate with recovery vs. disease exacerbation. I will also discuss sex differences in immunity to SARS-CoV-2 and how such differences correspond to disease outcomes.

LEARNING OBJECTIVES

At the conclusion of this talk, individuals will:

1. Learn about SARS-CoV-2 infection
2. Learn about SARS-CoV-2 immunity

3. Learn about SARS-CoV-2 immunopathology

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

Richard Matthey, MD, Course Director – No conflicts of interest

Akiko Iwasaki, PhD – Pure Tech Health, InProTher, 4BIO, Adaptive Biotechnologies, Spring Discovery

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