



## Rheumatology Grand Rounds

*Presented by*  
**Section of Rheumatology, Allergy & Immunology**

# “IMPACC: A Multiple Longitudinal Immunophenotyping Study of Hospitalized COVID-19 Patients”

**Ruth Montgomery, PhD**

Professor of Medicine and Professor of Epidemiology (Microbial Diseases); Director, Yale CyTOF Facility;  
Associate Dean for Scientific Affairs

**Date: Wednesday, October 21, 2020      Time: 8:00-9:00 am**

**Via Zoom - <https://zoom.us/j/93032974361?pwd=UHVkd3A5ZWJBT1h4WjRvbVNETGZRdz09&from=msft>**

**Via phone – Dial 203-432-9666      Meeting ID: 930 3297 4361**

CME: To record your attendance to this activity,  
text the Activity Code, 20676 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 ongoing COVID pandemic has impacted millions around the world. It is important to understand the immune system during the course of the infection and its response to treatment, so that we can try to understand its impact on a person in the long- term. This presentation will teach us the benefits of a multicenter translational consortium for COVID-19 research, a systems immunology approach and multi-omics platforms for immune profiling.

### **LEARNING OBJECTIVES**

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

1. Review design and benefits of multicenter translational consortium for COVID-19 research

2. Understand symptoms immunology approach to characterize disease susceptibility
3. Review multi-omics platforms for immune profiling

### **DESIGNATION STATEMENT**

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

### **FACULTY DISCLOSURES**

*Speaker:* Ruth Montgomery, PhD – NONE  
*Course Director:* Fotios Koumpouras, MD- Celgene (honorarium), Aurora (research grant), EMD, ULB, GSK (research grant)

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