



SCCM Midwest Chapter Presents

3RD ANNUAL VIRTUAL CRITICAL CARE CONFERENCE

August 13th, 2022

Immunology & Immunotherapy in
Critical Illness



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3rd Annual Virtual Critical Care Conference

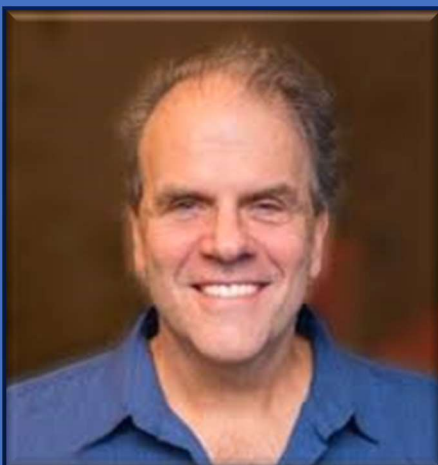
Immunology and Immunotherapy in Critical Illness

FEATURED SPEAKERS

Dr Craig Coopersmith



Dr Joseph Carcillo



Dr Kenneth Remy



**To Register or Participate in Jeopardy,
Visit: <https://www.sccmmwc.org>**

Abstract Submission is now Closed.

Registration Fee:

SCCM-Midwest Chapter Members: \$0.

Speakers, Trainees, Jeopardy, and Abstract Presenter: \$0.

Non-members: \$40.

To Join SCCM Midwest Chapter, Visit: <https://www.sccmmwc.org/membership/>

Contact Us: sccmmwc@gmail.com

University of Illinois College of Medicine at Peoria will Provide CME/CEU (Anticipated 6.75 hours).

Scan QR code



August 13, 2022

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3rd Annual Virtual Critical Care Conference

Immunology and Immunotherapy in Critical Illness

SCHEDULE (CENTRAL DAYLIGHT TIME ZONE)

08:00 – 08:15 REGISTRATION AND EXHIBIT HALL

08:15 – 08:30 PRESIDENT'S ADDRESS

Welcome, Introduction, Housekeeping Remarks

Varsha Gharpure, MD, FAAP, FCCM

08:30 – 09:15 PLENARY SESSION

Immunology in Critical Illness – Past, Present, and Future

Craig Coopersmith, MD, FACS, MCCM

09:15 – 10:00 KEYNOTE ADDRESS

Personalized Immunologic Approaches for COVID-19 and Sepsis: Lessons Learned from a Pandemic

Kenneth Remy, MD, MHSc, MSCI, FCCM

10:00 – 10:15 COFFEE BREAK/EXHIBIT HALL

10:15 – 11:15 BREAKOUT SESSIONS - 1 (SELECT 1 OUT OF 4)

1) Autoimmune Neurological Emergencies

Autoimmune Encephalitis - *Romer Geocadin, MD, FNCS, FAAN, FANA*

Neuroinflammatory Disorders in the Pediatric Intensive Care Unit - *Grace Gombolay, MD*

2) Immunological Emergencies in Transplant Recipients

Care of the Lung Transplant Patient in the Intensive Care Unit - A Focus on Immunology

Adil Sheikh, MD

Heart Transplant Emergencies and Changing Landscape of Immunological Surveillance of Rejection

Roopa Rao, MBBS, FACC

3) Severe Acute Respiratory Syndrome Coronavirus-2 Infection

Immune Dysregulation in SARS-CoV2-associated Disease in Children

Nina Brodsky, MD

Dysregulated Immune Response in Acute Covid 19 Infection: Pathophysiology and Management

Praveen Sudhindra, MD

4) Impact of Nutrition on Immune Response in Critical Illness

Jackie Hermanson, MS, RD, LDN; Ann Cotton, MS, RD, CNSC

11:15 – 12:00 LECTURE

CAR-T Cell Therapy and Immune Checkpoint Inhibitors in the Intensive Care Unit

How to Survive a CAR Crash – Management of the ICU CAR-T Cell Therapy Patient

Anne Rain Brown, PharmD, BCCCP, FCCM

Management of Immune Checkpoint Inhibitor Toxicity in the Critically Ill Patient

Joshua Arnold, PharmD, BCPS, BCCCP

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12:00 – 12:30 POSTER PRESENTATIONS

12:30 – 13:00 LUNCH & EXHIBIT HALL

13:00 – 14:00 BREAKOUT SESSIONS - 2 (SELECT 1 OUT OF 4)

1) Immune-Mediated Transfusion Reactions

Jennifer Muszynski, MD, MPH, FCCM; Yunchuan Delores Mo, MD, MSc

2) The Immunologic Response to Traumatic Injury and Transfusion

Timothy Plackett, DO, MPH, FACS; Joseph Posluszny, MD

3) Extracorporeal Clearance Therapies

Therapeutic Plasma Exchange in the Critically Ill Patient with Inflammation

Nicole Zantek, MD, PhD

CRRT-Based Therapies for Immune-Mediated and Inflammatory Diseases in Critically Ill Patients

Tara Neumayr, MD

4) Cardiopulmonary Bypass and Ischemia-Reperfusion Injury

Inflammation and Pediatric Cardiac Surgery: Too Much of a Good Thing?

Alexis Benscoter, DO

Management of Inflammatory Response and Ischemia Reperfusion Injury after Pediatric

Cardiopulmonary Bypass - *Chawki El-zein, MD, FACS*

14:00 – 14:45 BREAKOUT SESSIONS - 3 (SELECT 1 OUT OF 2)

1) Myocarditis: New Paradigms in Diagnosis, Management, and Treatment

Kory Levine, MD, PhD

2) A Multi-disciplinary Team Approach to Pediatric Immune Dysregulation: Challenges, Successes, and Lessons Learned - *Lindsey Swigart, MSN, RN, CPNP-AC*

14:45 – 15:00 COFFEE BREAK & EXHIBIT HALL

15:00 – 15:45 STAR RESEARCH PRESENTATIONS

15:45 – 16:30 KEYNOTE ADDRESS

Sepsis Induced Multiple Organ Failure Immuno-Phenotypes

Joseph Carcillo, MD

16:30 – 17:00 CRITICAL CARE JEOPARDY

17:00 – 17:30 SCCM MIDWEST CHAPTER ELECTION RESULTS, INTRODUCTION OF NEW OFFICERS, AND SOCIAL NETWORKING