

**August 13, 2022**



SCCM Midwest Chapter Presents

# **3<sup>rd</sup> Annual Virtual Critical Care Conference**

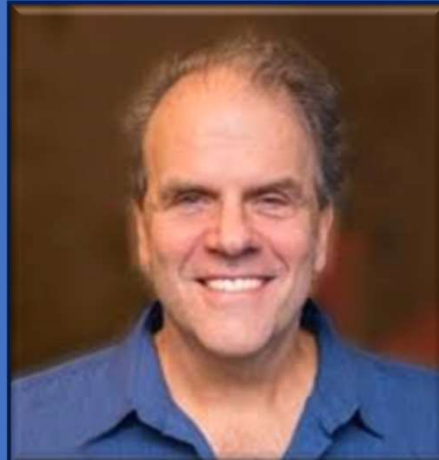
*Immunology and Immunotherapy in Critical Illness*

## **FEATURED SPEAKERS**

Dr Craig Coopersmith



Dr Joseph Carcillo



Dr Kenneth Remy



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

**Abstract Submission Deadline: June 15<sup>th</sup>, 2022, Noon CDT**

**Registration will open after June 15<sup>th</sup>, 2022.**

**Registration fee:**

SCCM-Midwest Chapter Members, Speakers, Trainees, Jeopardy Participants,  
Abstract Presenters (1 presenting author per abstract): \$0.

Non-members: \$40.

**To Join SCCM Midwest Chapter Click: <https://www.sccmmwc.org/membership/>**

**Contact Us: [sccmmwc@gmail.com](mailto:sccmmwc@gmail.com).**

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

# August 13, 2022

## SCCM Midwest Chapter Presents

# 3<sup>rd</sup> Annual Virtual Critical Care Conference

## *Immunology and Immunotherapy in Critical Illness*



### **SCHEDULE (CENTRAL 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, MSCl, 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*

# August 13, 2022

## SCCM Midwest Chapter Presents

# 3<sup>rd</sup> Annual Virtual Critical Care Conference

## *Immunology and Immunotherapy in Critical Illness*



**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**