

Carle Illinois
**COLLEGE OF
MEDICINE**

INTERDISCIPLINARY
SEPSIS
SYMPOSIUM

HOSTED BY THE CARLE ILLINOIS COLLEGE OF MEDICINE
University of Illinois at Urbana-Champaign

September
10-11, 2018

University of Chicago
**GLEACHER
CENTER**

 **Carle**  **ILLINOIS**

WIFI NETWORK

uchicago-guest

Connect to the wireless network. Open a web browser, and attempt access to any website. When prompted enter the following credentials:

Username: **sepsis** Password: **care18**

*If you are having trouble accessing the login page automatically you may try to access it from this link: **uchicago-guest.uchicago.edu***

*If you need assistance, please visit the Conference Services office in Suite 540, located on the 5th floor, or call **312.464.8787**.*

Sepsis is the leading cause of death in hospitals in the United States, the leading cause of readmission and is the most expensive hospital condition. More people die from sepsis every year than deaths due to prostate cancer, breast cancer, and HIV all combined together.

This symposium focuses on bringing many sepsis researchers from different disciplines together with funding government agencies, government leaders, and funding foundations. The goals are to provide attendees with a one stop shop to learn about the latest sepsis research, government initiatives, and funding opportunities, and to enable sepsis experts and government agencies/funding foundations to start to develop a plan to innovatively improve sepsis care over the next two decades.

OBJECTIVES

Discuss broad needs, funding opportunities, and updates in sepsis research.

Describe how big data/machine learning is utilized for improving sepsis care.

Describe education/training protocols aimed at improving sepsis care.

Discuss research updates in immunology of sepsis.

Examine the clinical application of novel devices in the identification of sepsis.

Describe the need for sepsis policies and awareness.

Examine biomarkers for sepsis.



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INTERPROFESSIONAL CONTINUING EDUCATION

CONTINUING EDUCATION

In support of improving patient care, The Carle Foundation is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

CREDIT AVAILABLE FOR THIS ACTIVITY

American Medical Association (AMA): The Carle Foundation designates this live activity for a maximum of 11.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

American Nurses Credentialing Center (ANCC): The Carle Foundation designates this live activity for a maximum of 11.25 ANCC contact hours.

EVALUATION

Completion of the evaluation is required in order to receive continuing education credit. You can access the evaluation here or via the QR code provided. The link will also be provided via email after the conclusion of the symposium. The deadline to complete the evaluation is September 30, 2018.



MONDAY, SEPTEMBER 10

7:00 AM

Registration Check In and Continental Breakfast

8:00 AM

Welcome and Opening Remarks

Rashid Bashir, PhD, Timothy Killeen, PhD, James Leonard, MD

8:30 AM

Overview and Broad Needs in Sepsis Research

PLENARY Jean-Louis Vincent, MD, PhD

9:15 AM

Big Data/Machine Learning for Improving Sepsis Care

Moderator: Chris Seymour, MD, MSc

Tim Buchman, MD, PhD, Matthew Churpek, MD, MPH, Craig Umscheid, MD, MSCE

10:15 AM

NETWORKING BREAK

10:45 AM

Education/Training Protocols to Improve Sepsis Care

Moderator: Matthew Churpek, MD, MPH

Emanuel Rivers, MD, MPH, Mitchell Levy, MD, MCCM, FCCP, Laura Evans, MD, MSc

11:45 AM

LUNCH

NOON

Immunology

PLENARY Richard Hotchkiss, MD

1:00 PM

Immunology Research in Sepsis

Moderator: Richard Hotchkiss, MD

Daniel Remick, MD, Robert A. Balk, MD, Konrad Reinhart, MD, ML

2:00 PM

Government Funding for Sepsis Research

Moderator: Bobby Reddy, Jr., PhD

Sarah Dunsmore, PhD, Anthony Fiore, MD, MPH, Reena Duseja, MD, MS,

Tyler Merkeley, MS, Steven Gitterman, MD, PhD

3:30 PM

NETWORKING BREAK

4:00 PM

Clinical Research in Sepsis

Moderator: Derek C. Angus, MD, MPH, FRCP

Chris Seymour, MD, MSc, Vincent Liu, MD, MS, Hallie Prescott, MD, MSc

AGENDA

5:00 PM

WHO Sepsis Initiative

Konrad Reinhart, MD, ML

5:30 PM

Networking Reception

Bobby Reddy, Jr., PhD

TUESDAY, SEPTEMBER 11

7:00 AM

Continental Breakfast

8:00 AM

Clinical Research in the Past and Future

PLENARY Derek C. Angus, MD, MPH, FRCP

8:45 AM

Novel Devices for Sepsis

Moderator: Ephraim Tsalik, MD, MHS, PhD

Dino DiCarlo, PhD, Daniel Irimia, MD, PhD, Rashid Bashir, PhD

9:45 AM

BREAK

10:00 AM

Sepsis Policy and Awareness

Moderator: Rashid Bashir, PhD

Senator Chapin Rose, Carl Flatley, DDS, MSD, Tom Heymann, MBA,
Orlaith Staunton, Ciaran Staunton

10:40 AM

Biomarkers for Sepsis

Moderator: Jean-Louis Vincent, MD, PhD

Ephraim Tsalik, MD, MHS, PhD, Hector Wong, MD, Greg Martin, MD, MSc

11:40 AM

Global Sepsis Alliance Awards

Konrad Reinhart, MD, ML

11:55 AM

Closing Remarks

Laura Evans, MD, MSc, Rashid Bashir, PhD

PROFESSOR VINCENT is a professor of intensive care medicine at the University of Brussels (Université Libre de Bruxelles) and intensivist in the Department of Intensive Care at Erasme University Hospital in Brussels. He obtained his PhD degree at the University of Brussels in 1982.

He is a Past-President of the World Federation of Societies of Intensive and Critical Care Medicine (WFSICCM), the European Society of Intensive Care Medicine (ESICM), the European Shock Society (ESS), the Belgian Society of Intensive Care Medicine (SIZ), and the International Sepsis Forum (ISF). He was a Council member of the Society of Critical Care Medicine (SCCM) from 2011-2013. He is member of the Belgian Royal Academy of Medicine.



Dr. Vincent has signed more than 900 original articles, some 400 book chapters and review articles, 1000 original abstracts, and has edited 102 books. He is co-editor of the “Textbook of Critical Care” (Elsevier Saunders) and the “Encyclopedia of Intensive Care Medicine” (Springer).

He is the editor-in-chief of Critical Care, Current Opinion in Critical Care, and ICU Management & Practice and member of the editorial boards of about 30 other journals.

Dr. Vincent has received several awards including the College Medalist Award of the American College of Chest Physicians, the Society Medal (lifetime award) of the European Society of Intensive Care Medicine, the Distinguished Investigator Award, the Lifetime Achievement Award of the Society of Critical Care Medicine, and the prestigious Belgian scientific award of the FRS-FNRS (Prix Scientifique Joseph Maisin-Sciences biomédicales cliniques), he was awarded the title of Baron.

His name appears more than 1,000 times in Pubmed, and his work has been cited more than 155,000 times; his H-index is 161.



DEREK C. ANGUS, MD, MPH, FRCP | Plenary Speaker

DR. ANGUS is a distinguished professor and Mitchell P. Fink Chair of Critical Care Medicine at the University Of Pittsburgh School Of Medicine. He is also the physician director of the UPMC ICU Service Center, responsible for critical care services across the 40-plus hospital system. He trained at the University of Glasgow and University of Pittsburgh and spent a year in Hong Kong with Mediciens Sans Frontieres.

Dr. Angus' research interests include sepsis, pneumonia, and multisystem organ failure, as well as optimal critical care delivery.

He has a particular interest in embedded adaptive platform trials. Dr. Angus led several large NIH-funded multicenter studies, published several hundred papers, and received numerous awards for his work. He is also the critical care editor for JAMA.

To learn more about Dr. Angus please visit: ccm.pitt.edu/directory/profile/derek-c-angus-md-mph-frcp



RICHARD HOTCHKISS, MD | Plenary Speaker

DR. HOTCHKISS is a professor of anesthesiology at the Washington University School of Medicine in St. Louis, Missouri. He obtained his medical degree at the University of Virginia in Charlottesville, Virginia.

Dr. Hotchkiss's focus is defining new therapeutic approaches to sepsis. His laboratory was the first to show that sepsis induced massive programmed cell death of immune effector cells in patients dying of the disorder. His lab has formed close working collaborations with colleagues at a number of major academic institutions and are organizing sepsis clinical trials using IL-7 and anti-PD-L1. His group has been at the

forefront in advocating that immuo-adjutant agents offer a new way forward in sepsis and in infectious diseases in general.

He has been a lecturer at the Novel Symposium No. 124 Septicemia and Shock in Stockholm Sweden, with NIH, at the Annual American College of Surgeons as well as with many academic institutions. He has had his work published many times, as well as received distinguished awards such as the NIGMS Merit award. For a complete list of his works please visit: ncbi.nlm.nih.gov/pubmed/?term=hotchkiss+rs



TIMOTHY KILLEEN
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JAMES LEONARD
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MATTHEW CHURPEK
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MITCHELL LEVY
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Rhode Island Hospital



DANIEL REMICK
MD
*Boston University
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PANEL SPEAKERS



KONRAD REINHART
MD, ML

*Jena University Hospital;
Global Sepsis Alliance*



ROBERT A. BALK
MD

Rush University Medical Center



BOBBY REDDY, JR.
PhD

*University of Illinois
at Urbana-Champaign*



SARAH DUNSMORE
PhD

NIGMS



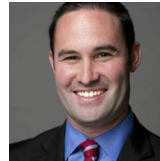
ANTHONY FIORE
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CDC



REENA DUSEJA
MD, MS

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TYLER MERKELEY
MS

BARDA



STEVEN GITTERMAN
MD, PhD

*FDA;
Washington DC,
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CHRIS SEYMOUR
MD, MSc

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VINCENT LIU
MD, MS

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HALLIE PRESCOTT
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*University of Michigan
Health System;
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DINO DICARLO
PhD
UCLA



DANIEL IRIMIA
MD, PhD
*Harvard Medical School
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SEN. CHAPIN ROSE
Illinois State Senate 51st District



CARL FLATLEY
DDS, MSD
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TOM HEYMANN
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ORLAITH STAUNTON
Rory Staunton Foundation



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EPHRAIM TSALIK
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*Duke University School of Medicine
Durham VA Medical Center*



HECTOR WONG
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GREG MARTIN
MD, MSc
*Emory University
Grady Memorial Hospital*

PANEL SPEAKERS

DISCLOSURES

Timothy Killeen, PhD	<i>Nothing to Disclose</i>
James Leonard, MD	<i>Nothing to Disclose</i>
Rashid Bashir, PhD	<i>Prenosis Inc.</i>
Chris Seymour, MD, MSc	<i>Nothing to Disclose</i>
Tim Buchman, MD, PhD	<i>Nothing to Disclose</i>
Matthew Churpek, MD, MPH	<i>Patent Pending for Risk Stratification Algorithms for Hospitalized Patients</i>
Craig Unscheid, MD, MSCE	<i>Nothing to Disclose</i>
Emanuel Rivers, MD, MPH	<i>Nothing to Disclose</i>
Mitchell Levy, MD, MCCM, FCCP	<i>Nothing to Disclose</i>
Laura Evans, MD, MSc	<i>Unknown at Time of Print</i>
Thomas Heymann, MBA	<i>Nothing to Disclose</i>
Richard Hotchkiss, MD	<i>Nothing to Disclose</i>
J.L. Vincent, MD, PhD	<i>Nothing to Disclose</i>
Daniel Remick, MD	<i>Nothing to Disclose</i>
Robert Balk, MD	<i>BioMerieux</i>
Konrad Reinhart, MD, ML	<i>Inflarx, Adrenomed, Global Sepsis Alliance</i>
Bobby Reddy Jr., PhD	<i>Prenosis Inc.</i>
Reena Duseja, MD, MS	<i>Nothing to Disclose</i>
Tyler Merkeley, MS	<i>Nothing to Disclose</i>

Sarah Dunsmore, PhD	<i>Nothing to Disclose</i>
Anthony Fiore, MD, MPH	<i>Nothing to Disclose</i>
Steven Gitterman, MD, PhD	<i>Unknown at Time of Print</i>
Derek Angus, MD, MPH, FRCP	<i>Ferring Pharmaceutical, Inc, Bayer Aktiengesellschaft, Bristol-Myers Squibb, Beckman Coulter, Inc.</i>
Vincent Liu, MD, MS	<i>Nothing to Disclose</i>
Hallie Prescott, MD	<i>Nothing to Disclose</i>
Ephraim Tsalik, MD, MHS, PhD	<i>Host Repsonse, Inc., bioMerieux</i>
Dino DiCarlo, PhD	<i>Cytovale Inc.</i>
Daniel Irimia, MD, PhD	<i>Unknown at Time of Print</i>
Senator Chapin Rose	<i>Nothing to Disclose</i>
Carl Flatley, DDS, MSD	<i>Nothing to Disclose</i>
Hector Wong, MD	<i>Inflammatix, Eccrine Systems, Inc., Endpoint Health</i>
Greg Martin, MD, MSc	<i>Bristol-Myers Squibb, Immunexpress</i>
Karen White, MD	<i>Nothing to Disclose</i>
Scott Isbell, PhD, DABCC	<i>Laboratory Consultant Solutions, LLC.</i>
Andrew Vincent, DO	<i>Nothing to Disclose</i>
David Chestek, DO	<i>Unknown at Time of Print</i>
Emilie Powell, MD, MS, MBA	<i>Nothing to Disclose</i>
Leon Yeh, MD	<i>Nothing to Disclose</i>
Lisa Goodpaster, MHA, MSTD	<i>Nothing to Disclose</i>
Savannah Stark	<i>Nothing to Disclose</i>
Orlaith Staunton	<i>Nothing to Disclose</i>
Ciaran Staunton	<i>Nothing to Disclose</i>



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