

BARCELONA

26TH



INTERNATIONAL
SYMPOSIUM
ON INFECTIONS
IN THE CRITICALLY
ILL PATIENT

SEPSIS 2022

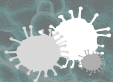


International
Sepsis Forum



MEDICINE FACULTY AUDITORIUM,
BARCELONA UNIVERSITY.

143 CASANOVA STREET



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CÓDIGOsepsis**



13/14
OCTUBRE
2022

Dear colleagues and friends,

It is our privilege and great pleasure to invite you to the **26th INTERNATIONAL SYMPOSIUM ON INFECTIONS IN THE CRITICALLY ILL PATIENT and SEPSIS 2022**.

The aim of this two-day symposium is to provide exclusive insights into current concepts, technology and advances in infections in critically ill patients. Sepsis, Pulmonary Infections including Covid-19, Basic Research, Pulmonary Infections Treatment and Prophylaxis Therapy of severe infections will be the topics of the main sessions presented by experts. Additionally, we will promote engagement of the attendees with other formats like Clinical Controversy, Pannel Discussion or Case Report Discussion.

It is a pleasure for us, to co-organize this 26th edition of INTERNATIONAL SYMPOSIUM ON INFECTIONS IN THE CRITICALLY ILL PATIENT with the International Sepsis Forum's Sepsis 2022, as we are in the era of creating collaborations to provide the best knowledge and learning experiences.

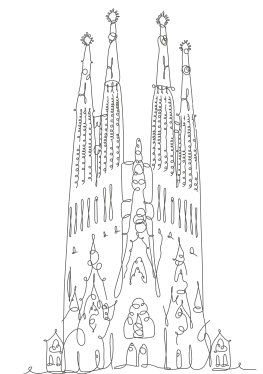
The Meeting venue is located at the Paraninph of the Medical University of Barcelona, a gorgeus and historical site in Barcelona center with an easy access to the airport and fast-train station. Barcelona, is a truly exciting city that has numerous facets to explore and enjoy. Please, take some relaxing time to find the balance between learning and pleasure.

We have adapted the Symposium to current times, so as to provide a hybrid format to make our contents more accessible around the globe.

Mark your calendars for ISICIP/Sepsis 2022 in Barcelona – October 13-14, 2022.

We are looking forward to welcoming you all, there.

The Organizing Committee



A detailed 3D rendering of a cell, possibly a bacterium or a specialized eukaryotic cell, with a complex, textured surface and numerous long, thin, hair-like structures (cilia or flagella) extending from it. The image is rendered in shades of cyan and blue, giving it a futuristic or scientific appearance. The cell is the central focus, with other similar structures visible in the background, slightly out of focus.

Organizing Committee:

Dr. Antonio Artigas
Dr. Ricard Ferrer
Dr. Antoni Torres
Dr. Michael Niederman
Dr. Jean Carlet
Dr. Hallie Prescott
Dr. Michael Bauer

Scientific Committee:

Dr. Massimo Antonelli
Dr. Michael Bauer
Dr. Thierry Calandra
Dr. José Garnacho
Dr. Ignacio Martín-Loeches
Dr. Hallie Prescott
Dr. Mervyn Singer
Dr. Jean-Louis Teboul

13th | THURSDAY OCTOBER

8:30-8:45h **Opening**

8:45-10:00h **The past 20 years of sepsis; “BC” and “AC”**

How prior learning informed COVID response, and how COVID learnings have informed sepsis trials and care.

Moderators

Hallie Prescott. Associate Professor of Internal Medicine in the Division of Pulmonary Critical Care within Michigan Medicine and a Staff Physician at the Ann Arbor Veterans Affairs Medical Center of Michigan, USA

John Marshall. Professor of surgery at the University of Toronto and attending surgeon at the Toronto General Hospital, University Health Network.

8:45-9:00h **How did understanding of sepsis change over time?**

Michael Bauer. Center for Sepsis Control and Care (CSCC) University Hospital Jena, German

9:00-9:15h **How did epidemiology of infection change over time?**

Matteo Bassetti. Head of the Infectious Diseases Clinic of the San Martino-IST University Hospital in Genoa and Full Professor of Infectious Diseases of the University of Genoa, Italy

9:15-9:30h **(Why) did mortality change over the last 20 years?**

Hallie Prescott. Associate Professor of Internal Medicine in the Division of Pulmonary Critical Care within Michigan Medicine and a Staff Physician at the Ann Arbor Veterans Affairs Medical Center of Michigan, USA

9:30-10:00h **How did my Clinical practice change?**

9:30-9:35h **The ID view: Thierry Calandra.** Professor of medicine and Head of the Infectious Diseases Service at the University Hospital in Lausanne, Switzerland

9:35-9:40h **The intensivist view: Mervyn Singer.** Professor of Intensive Care Medicine at University College London, UK

9:40-9:45h **The pediatric view: Adrienne Randolph.** Professor of Anesthesia and Pediatrics, Boston Childrens' Hospital and Harvard Medical School · Boston Children's Hospital, USA

Discussion



13th | THURSDAY OCTOBER

10:00h **Coffee break** 

10:30h **Moving from systems biology to personalized care**
Endotypes/exotypes, personalized care, novel understanding

Moderators

Michael Bauer. Center for Sepsis Control and Care (CSCC) University Hospital Jena, Germany

Christopher Seymour. Associate Professor of Critical Care Medicine and Emergency Medicine University of Pittsburgh

10:30-10:45h **How to achieve meaningful classes?**
Christopher Seymour. Associate Professor of Critical Care Medicine and Emergency Medicine University of Pittsburgh

10:45-11:00h **Prognostic and predictive enrichment: Is it a radical change?**
Tom Van der Poll. Chair, Department of Medicine, Amsterdam UMC, University of Amsterdam, The Netherlands

11:00-11:15h **How to achieve treatable traits?**
Kenny Baillie. Snr. Clinical Research Fellow in Anaesthesia & Critical Care, University of Edinburgh, UK

11:15-11:30h **Leveraging the microbiome in treatment of sepsis**
Joost Wiersinga. Professor of Medicine, Chair Division of Infectious Diseases at Amsterdam UMC, The Netherlands

11:30-12:00h **Panel Discussion:**
How to incorporate biology into personalized bedside care
DISCUSSANTS. **Tom Van der Poll, Kenny Baillie, Manu Shankar-Hari, Adrienne Randolph, Joost Wiersinga**

12:00h **Trials: Where have we been, where are we going**
Moderators
Kathy Rowan. Director Intensive Care National Audit & Research Centre (ICNARC), London UK
Manu Shankar-Hari. Chair (Professor) of Translational Critical Care Medicine, University of Edinburgh. Chief Investigator, TRAITS Precision Medicine Programme, UK

12:00-12:15h **The “centennial” trials: what withstood the test of time?**
John Marshall. Professor of surgery at the University of Toronto and attending surgeon at the Toronto General Hospital, University Health Network.

13th | THURSDAY OCTOBER

12:15-12:30h Operation warp speed: SuPAR guided use of Anakinra

Evangelos Giamarellos-Bourboulis. Professor of Internal Medicine at the Medical School of the National and Kapodistrian University of Athens, Greece.

12:30-12:45h Large-scale pragmatic trials... pros and cons

PRO

Kenny Baillie. Snr. Clinical Research Fellow in Anaesthesia & Critical Care, University of Edinburgh, UK

CON

Mervyn Singer. Professor of Intensive Care Medicine, University College London. Secretary and past Chair of the International Sepsis Forum and a UK National Institute of Health Senior Investigator, UK

12:45-13:00h How to intervene on syndromes rather than diseases?

Manu Shankar-Hari. Chair (Professor) of Translational Critical Care Medicine, University of Edinburgh. Chief Investigator, TRAITS Precision Medicine Programme, UK

13:00-13:15h Moving forward with platform trials

Kathy Rowan. Director of Scientific & Strategic Development and Clinical Trials Unit Director ICNARC, London UK

13:15-13:30h Beyond RCTs; how to guide practice?

Jean-Louis Vincent. Department of Intensive Care Erasme University Hospital Université Libre de Bruxelles, Belgium

13:30-14:00h Discussion 

14:00h Lunch 

15:00-15:30h Plenary Conference: Achieving Diagnostic Excellence in Sepsis

Moderators

Antonio Artigas. Critical Care Centre at Sabadell Hospital in Barcelona, Spain

Speaker

Derek Angus. Chair, Critical Care Medicine at UPMC Pittsburgh, Pennsylvania, USA

15:30-16:30h Symposium

13th | THURSDAY OCTOBER

16:30 **How microbiological diagnostics will improve Sepsis management**

Moderators

Michael Bauer. Center for Sepsis Control and Care (CSCC) University Hospital Jena, Germany

Ricard Ferrer. Head Intensive Care Department, Vall d'Hebron University Hospital of Barcelona, Spain

16:30-16:45h **Adoption of emergent Rapid microbiological diagnostic tools**

Jordi Vila. Head of the clinical Microbiology Department of the Hospital Clinic of Barcelona. Professor of the School of Medicine of the University of Barcelona and Research Professor at the Institute of Global Health (ISGlobal) of Barcelona, Spain

16:45-17:00h **Nanophotonic biosensors for the diagnosis and clinical management of bacterial infections at the point-of-care**

M^a Carmen Estevez. Nanobiosensors and Bioanalytical Applications Group, Catalan Institute of Nanoscience and Nanotechnology (ICN2) in Barcelona, Spain

17:00-17:15h **How molecular microbiological tests are changing my classical treatment algorithms.**

Pedro Pova. Coordenador da Unidade de Cuidados Intensivos Polivalentes, Hospital de São Francisco Xavier, CHLO Lisboa, Portugal

17:15-17:30h **Discussion**

17:30h **Coffee Break**

17:45-19:30h **Septic shock management in 2022**

Moderators

Antonio Artigas. Critical Care Centre at Sabadell Hospital in Barcelona, Spain

Jean-Louis Vincent. Department of Intensive Care Erasme University Hospital Université Libre de Bruxelles, Belgium

17:45-18:00h **Assessing fluid responsiveness in different settings: from ED to ICU**

Ignacio Monge. Intensive Care Department at University Hospital of Jerez de la Frontera. Jerez de la Frontera, Spain.

13th | THURSDAY OCTOBER

18:00-18:15h **Management of myocardial dysfunction in sepsis**

Mervyn Singer. Professor of Intensive Care Medicine, University College London. Secretary and past Chair of the International Sepsis Forum and a UK National Institute of Health Senior Investigator, UK

18:15-18:30h **Risks and benefits of the available fluids: evidence review**

Ricard Ferrer. Head Intensive Care Department, Vall d'Hebron University Hospital of Barcelona, Spain

18:30-18:45h **New Antibiotics for Gram negative-infections: RCT and RWE evidences**

Matteo Bassetti. Head of the Infectious Diseases Clinic of the San Martino-IST University Hospital in Genoa and Full Professor of Infectious Diseases of the University of Genoa, Italy

18:45-19:00h **Treatment strategies to protect the kidney**

Marlies Ostermann. King's College London. Guy's & St Thomas' Hospital - Department of Intensive Care. London, UK

19:00-19:15h **Cell therapy in severe infections and sepsis**

Antonio Artigas. Critical Care Centre at Sabadell Hospital in Barcelona, Spain

19:15-19:30h **Discussion**



14th | FRIDAY OCTOBER

8:00-9:00h **Symposium**

9:00h **SEVERE CAP**

Moderators

Antoni Torres. Senior Consultant of the Respiratory and Intensive Care Unit. University of Barcelona, Hospital Clinic of Barcelona, Spain. Professor of Medicine (Pulmonology)

Michael Niederman. Professor of Clinical Medicine at Weill Cornell Medicine, NY, USA

9:30-9:15h **NEW ERS/ ESICM/ESCCMID/ALAT SCAP Guidelines**

Ignacio Martin-Loeches. Professor of Intensive Care Medicine in Trinity College Dublin, Ireland

9:15-9:30h **Non-Invasive Respiratory support**

Joan Ramon Masclans. Head of Critical Care Department at Hospital del Mar of Barcelona, Spain. Pompeu Fabra University (UPF) professor of Medicine, Barcelona Spain

9:30-9:45h **Macrolides or quinolones**

Stefano Aliberti. Full Professor in Respiratory Medicine, Humanitas University Chief of Respiratory Unit, Humanitas Research Hospital of Milan, Italy

9:45-100:00h **Biomarkers**

Rosario Menendez. Director of the Respiratory Diseases Area and Head of the Pneumology Service, University La Fe Hospital, Valencia, Spain

10:00-10:15h **Aspiration Pneumonia**

Michael Niederman. Professor of Clinical Medicine at Weill Cornell Medicine, NY, USA

10:15-10:30h **Discussion** 

10:30-11:10h **Pro-con debate: Corticosteroid in SCAP**

Moderators

Pedro Pova. Coordenador da Unidade de Cuidados Intensivos Polivalente, Hospital de São Francisco Xavier, CHLO Lisboa, Portugal

YES

Antoni Torres. Senior Consultant of the Respiratory and Intensive Care Unit. University of Barcelona, Hospital Clinic of Barcelona, Spain. Professor of Medicine (Pulmonology)

NO

Thierry Calandra. Professor of medicine and Head of the Infectious Diseases Service at the University Hospital in Lausanne, Switzerland

14th | FRIDAY OCTOBER

11:10-11:30h **Coffee break** 

11:30-12:30h **Symposium**

12:30-13:45h **HAP/VAP GRAM-NEGATIVES MDR-XDR and New Therapies**

Moderators

Ricard Ferrer. Head Intensive Care Department, Vall d'Hebron University Hospital of Barcelona, Spain

Jean Carlet. Consultant, Hopital Saint-Joseph of Paris, France

12:30-12:45h **Epidemiology of MDR-XDR Gramnegative Infections in HAP/VAP**

José Garnacho. Head of Intensive Care Clinical Unit Service at Universidad Virgen Macarena Hospital in Sevilla, Spain

12:45-13:00h **New Antibiotics in HAP/VAP**

Alex Soriano. Head of Infectious Diseases Service of Hospital Clinic of Barcelona, Spain

13:00-13:15h **Bacteriophages and Mycoplasma pneumoniae chassis for treating Pseudomonas aeruginosa VAP.**

Anna Motos. Applied research in respiratory infections and critical patients at Hospital Clinic in Barcelona, Spain

13:15-13:30h **Ultraviolet light to prevent or treat VAP**

Ali Rezaie. Executive Chair, VP of Neuroscience; John D. Rockefeller IV Tenured Professor in Neuroscience · Rockefeller Neuroscience Institute at West Virginia University School of Medicine, USA

13:30-13:45h **Molecular platforms to diagnose HAP/VAP**

Antoni Torres. Senior Consultant of the Respiratory and Intensive Care Unit. University of Barcelona, Hospital Clinic of Barcelona, Spain. Professor of Medicine (Pulmonology)

13:45-14:00h **Discussion** 

14:00-14:45h **Lunch** 

14:45-15:45h **Symposium**

14th | FRIDAY OCTOBER

15:45h

COVID-19

Moderators

Pedro Pova. Coordenador da Unidade de Cuidados Intensivos Polivalente, Hospital de São Francisco Xavier, CHLO Lisboa, Portugal

Ignacio Martin-Loeches. Professor of Intensive Care Medicine in Trinity College Dublin, Ireland

15:45-16:00h **Non-invasive Mechanical Ventilation**

Miguel Ferrer. Senior Consultant UCIR. Pulmonology Service, Instituto Clínic de Respiratorio, Hospital Clínic of Barcelona, Spain

16:00-16:15h **Management of ARDS patients**

Oriol Roca. Head of Critical Specialist in Parc Taulí Hospital Universitari Sabadell, Spain

16:15-16:30h **Role of antivirals and neutralizing antibodies in the prophylaxis and treatment of COVID-19**

Jose Maria Miró. Senior Consultant for Infectious Diseases at the Clinical Hospital of Barcelona, Professor of Medicine at the University of Barcelona, Spain

16:30-16:45h **Antiinflammatories (corticosteroids, Tocilizumab and baricitinib)**

Adrian Ceccato. Applied research in respiratory infections and critical patients at Hospital Clínic in Barcelona, Spain

16:45-17:00h **Post Covid Syndrome**

Ferran Barbe. Director Territorial Clínic de Enfermedades Respiratorias Crónicas del Hospital Universitario Arnau de Vilanova de Lleida (HUAV), Profesor Laboral de la Facultad de Medicina de la Universidad de Lleida (UdL), Lleida, Spain

17:00-17:15h **Nosocomial pneumonia in COVID 19 (including attributable mortality)**

Jean-François Timsit. Head of the infections diseases service at Bichat-Claude Bernat Hospital at Paris, France

17:15-17:30h **CIBERESUCICOVID Study**

Antoni Torres. Senior Consultant of the Respiratory and Intensive Care Unit. University of Barcelona, Hospital Clínic of Barcelona, Spain. Professor of Medicine (Pulmonology)

17:30-17:45h **Discussion** 

17:45-18:00h **Closing**

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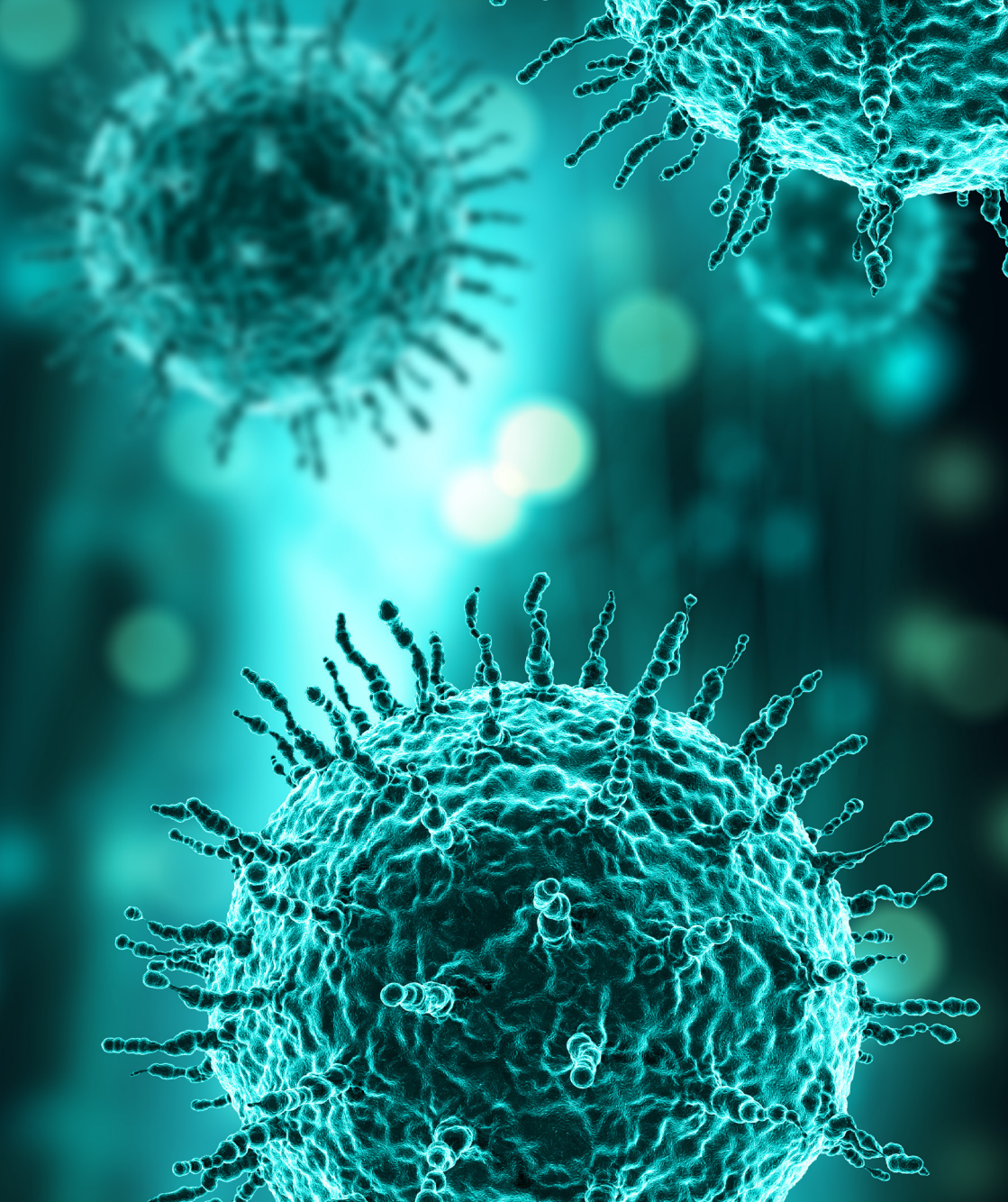


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