



TOP5

IN INFECTIOUS
DISEASES

THIRD EDITION

INTERNATIONAL SYMPOSIUM

PRELIMINARY PROGRAM

VENICE, MARCH 26th-28th, 2026

Innovation. This is the word that will characterize also the third Edition of the TOP5 Conference in Venice. The event is aimed to identify, in the era of globalization, the ongoing and future challenges in infectious diseases and to bring current global issues to the attention of institutions.

The following topics will be covered:

- Methodology of clinical research and application of artificial intelligence to healthcare.
- Antimicrobial resistant microorganisms and optimal use of new available antibiotics.
- HIV treatment and prophylaxis. How to implement tailored therapeutic approaches.
- Emerging and re-emerging viral infections. New approaches for immunization and prevention of communicable infectious diseases.
- Fungal infections. New multidrug resistant fungi spread around the world and new drugs are needed to overcome resistance.

But what does “innovation” mean in Infectious Diseases? Innovation means “appropriate and rational use” of diagnostic methods, antimicrobials, Big Data and machine learning finalized to develop updated knowledge for the modern treatment of Infectious Diseases.

These issues will be discussed with academicians, stakeholders, professionals and young researchers to share experiences and evidences and to have an unforgettable experience in one of the most beautiful venue in the world: the ancient Venice!

FIRST DAY - 26th MARCH 2026

MORNING SESSIONS



Welcome Coffee

10.00-10.30 Registration of participants

10.30-10.45 Welcome to participants and Opening remarks • **Marco Falcone**

SESSION I: METHODOLOGY ON CLINICAL RESEARCH

Chair: **Marco Falcone, Sergio Lo Caputo**

10.45-11.05 Hurdles for the delivery of multinational randomized clinical trials: experience from the REMAP-CAP platform • **Marc Bonten**

11.05-11.25 Artificial intelligence methodology in clinical research • **Adrian Egli**

11.25-11.45 A guide to publishing in top medical journals • **Leonard Leibovici**

11.45-12.00 **ROUND TABLE WITH DISCUSSION**

SESSION II: INNOVATION IN ANTI-INFECTIVE DRUGS

Chairs: **Andrea Cossarizza, Pierluigi Viale**

12.00-12.20 Future of long-acting antiretrovirals for HIV treatment • **Antonella Castagna**

12.20-12.40 Monoclonal antibodies to tackle antimicrobial resistance • **Rino Rappuoli**

12.40-13.00 Vaccines for the prevention of infections in frail populations • **Carlo Signorelli**

13.00-13.20 Bacteriophages against multidrug resistant bacteria: state of the art • **Jean Paul Pirnay**

13.20-13.35 **ROUND TABLE WITH DISCUSSION**

13.35-14.30 *Lunch*

FIRST DAY - 26th MARCH 2026

AFTERNOON SESSIONS



SESSION III: UNDERSTANDING THE MANY FACES OF RESISTANCE

Chairs: **Marco Falcone, David van Duin**

- 14.30-14.50 Factors influencing mortality in bloodstream infections caused by multidrug resistant Gram negative bacilli: evidence from the literature • **Jesus Rodriguez Baño**
- 14.50-15.10 Understanding the emergence of resistance to new antibiotics: the case of the new anti Gram negative drugs • **Pranita Tamma**
- 15.10-15.30 Genotypes and phenotypes of Staphylococcus aureus and their clinical implications • **Robert Skov**
- 15.30-15.45 **ROUND TABLE AND DISCUSSION**
- 15.45-16.00 Coffee Break

SESSION IV: ROLE OF MULTIDRUG RESISTANT INFECTIONS IN THE REAL WORLD: EXPERIENCES FROM DIFFERENT SETTINGS

Session co-organized with the International Society of Antimicrobial Chemotherapy (ISAC)

Chairs: **Ivan Gentile, Claudio Maria Mastroianni**

- 16.00-16.20 Decoding MDR: myths and tips for successful outcomes • **Heinam Wertheim**
- 16.20-16.40 Antimicrobial stewardship strategies: how to implement AMS principles in the clinical practice
David Jenkins
- 16.40-17.00 Human conflicts as a source of dissemination of antimicrobial resistance • **Souha Kanji**
- 17.00-17.15 **ROUND TABLE AND DISCUSSION**

FIRST DAY - 26th MARCH 2026

AFTERNOON SESSIONS



SESSION V: ANTIMICROBIAL STEWARDSHIP: MOVING STANDARDS INTO PRACTICE BY MOBILISING THE POWER OF PEOPLE AND ORGANIZATIONS

Session co-organized with British Society for Antimicrobial Chemotherapy (BSAC)

Chairs: **Raffaele Bruno, Miriam Lichtner**

- 17.15-17.30 Accreditation as a global catalyst for optimising antimicrobial prescribing • **David Jenkins**
- 17.30-17.45 Developing a skilled AMS workforce: building leadership capacity through the LEAP Programme • **Frances Garraghan**
- 17.45-18.00 Strengthening national antimicrobial prescribing through policy-practice Integration: insights from the Egypt AMS Collaborative • **Ryan Hamilton**
- 18.00-18.15 WHO expert • **TBD**
- 18.15-18.35 **DISCUSSION**
- 18.35-18.55 **TOP5 OPENING LECTURE**
Introduction: **Marco Falcone**
Resistant Gram Negatives - How can we get the drugs and data that we need? • **David Paterson**
- 18.55 CLOSING REMARKS
- 19.30 *Welcome cocktail*

SECOND DAY - 27th MARCH 2026

MORNING SESSIONS



SESSION I: INTERACTIVE SESSION. CONTROVERSIAL ISSUES IN THE MANAGEMENT OF INFECTIOUS DISEASES

Chairs: **Chloe Orkin, David Paterson**

- 08.30-08.45 A case of virological failure: is the case to move to triple therapy? • **Alberto Borghetti**
- 08.45-09.00 A case of viral load non suppression: is the case to move to dual long-acting therapy?
Simona Di Giambenedetto
- 09.00-09.15 A complicated case of DTR *Pseudomonas aeruginosa* infection in ICU • **Giusy Tiseo**
- 09.15-09.30 Challenges in the management of a case of *Candida auris* invasive infection • **Antonio Vena**

09.30-09.50 **ROUND TABLE AND DISCUSSION**

09.50-10.10 **TOP5 LECTURE**

Introduction: **Francesco Menichetti**

Treatment of Ventilator-associated pneumonia caused by non fermenting Gram-negative bacilli: old vs new options • **Mical Paul**

SESSION II: NEW INSIGHTS IN THE MANAGEMENT OF SEPTIC SHOCK: THE NEW SURVIVING SEPSIS CAMPAIGN GUIDELINES

Session co-organized with the European Society of Intensive Care Medicine (ESICM).

Chairs: **Maddalena Giannella, Federico Pea**

- 10.10-10.30 The Surviving Sepsis Campaign guidelines: history, methodology, challenges and controversies
Massimo Antonelli

SECOND DAY - 27th MARCH 2026

MORNING SESSIONS



- 10.30-10.50 What the ID physician should know • **Lennie Derde**
10.50-11.10 Reconciling SSC and antimicrobial stewardship • **Jan De Waele**

11.10-11.25 **ROUND TABLE AND DISCUSSION**

11.25-11.45 *Coffee break*

SESSION III: ADVANCES IN THE TREATMENT OF VIRAL AND BACTERIAL INFECTIOUS DISEASES

Chairs: **Giulia Carla Marchetti, Annalisa Saracino**

- 11.45-12.05 “I realized I had a choice”: the forgiveness journey of people living with HIV • **Andrea Antinori**
12.05-12.25 Switching or simplifying antiretroviral therapy • **Cristina Mussini**
12.25-12.45 Metallo-beta lactamases as a new global challenge: present and future of antimicrobial therapy
Marco Falcone
12.45-13.05 KPC-*Klebsiella pneumoniae* infections: how to differentiate the new antibiotics? • **Ryan Shields**

13.05-13.20 **ROUND TABLE AND DISCUSSION**

13.20-13.40 **TOP5 LECTURE**

Introduction: **Annamaria Cattelan**

Infections and inequities through the lens of HIV • **Chloe Orkin**

13.40-14.30 *Lunch*



SECOND DAY - 27th MARCH 2026

AFTERNOON SESSIONS



14:30-14:50 **TOP5 LECTURE**

Introduction: **Robert Skov**

Assessing the value of reserve antibiotics and vaccines: how to use data from the real world

Marco Cavaleri

SESSION IV: IL PAZIENTE AL CENTRO: SINERGIA TRA SCIENZA, ISTITUZIONI E INDUSTRIA*

15:00-15:20 **TALK SHOW:** conduce **Annalisa Chirico**

Intervengono:

Prof. Orazio Schillaci (Ministro della Salute)/ **Carlo Monti** (Ministero della Salute)

On. Alessio Butti (Sottosegretario di Stato alla Presidenza del Consiglio dei Ministri)

Sen. Francesco Zaffini (Presidente 10^a Commissione Affari Sociali)

Sen. Fausto Orsomarso (Commissione Finanze, Intergruppo Parlamentare Prevenzione e Controllo Malattie Infettive)

15:20-15:30 Prevenzione delle infezioni ospedaliere: le iniziative del Ministero della Salute

Mara Campitiello (Ministero della Salute)

15:30-15:40 Il valore dei nuovi antimicrobici: il punto di vista di AIFA • **Francesco Nisticò/Pierluigi Russo**

15:40-15:50 Ricerca e sviluppo di nuovi antibiotici: a che punto siamo • **Francesco Mennini** (Ministero della Salute)

15:50-16:00 Utilizzo degli antibiotici reserve in Italia: forecast dei prossimi anni • **Antonella Levante** (IQVIA)

16:00-16:30 **TAVOLA ROTONDA**

SECOND DAY - 27th MARCH 2026

AFTERNOON SESSIONS



16:30-16:50 **TOP5 LECTURE**

Introduction: **Andrea Gori**

Infections by multidrug resistant organisms in immunocompromized hosts • **David van Duin**

SESSION V: SEXUALLY TRANSMITTED DISEASE IN WOMEN

Session co-organized with the Italian Society of Gynecology (SIGO)

Chairs: **Cristina Mussini, Vito Trojano**

16:50-17:10 Sexually transmitted diseases in women: epidemiology and consequences • **Giovanni Di Perri**

17:10-17:30 The importance of vaccination in women health • **Caterina Rizzo**

17:30-17:50 Approach to genital diseases in women: the point of view of gynecologist • **Filippo Murina**

17:50-18:10 Traditional and innovative approaches to sexually transmitted diseases in women • **Alessandro Perrella**

18:10-18:30 **ROUND TABLE WITH DISCUSSION**

Discussant: **Carlo Torti**

18:30 CLOSING REMARKS



THIRD DAY - 28th MARCH 2026

MORNING SESSIONS



SESSION I: INTERACTIVE SESSION. NEW OPTIONS FOR TREATMENT AND PREVENTION OF INFECTIOUS DISEASES

Chairs: **Paolo Antonio Grossi, Paolo Bonfanti**

- 09:30-09:45 New parenteral and oral options for the treatment of ESBL-producing Enterobacterales infections
Francesco De Rosa
- 09:45-10:00 Treatment of *Staphylococcus aureus* bacteremia: what's changed after the SNAP trial • **Dafna Yahav**
- 10:00-10:15 Combinations of old beta lactams and new inhibitors to treat carbapenem-resistant Enterobacterales infections • **TBD**
- 10:15-10:30 HIV Oral and parenteral pre-exposure prophylaxis: adherence and effectiveness • **Gabriella D'Ettorre**
- 10:30-10:50 **ROUND TABLE WITH DISCUSSION**
Discussant: **Emanuele Focà**
- 10:50-11:10 **TOP5 LECTURE**
Introduction: **Massimo Puoti**
How to treat MDR *Pseudomonas aeruginosa* infections: new evidences from the literature • **Jason Pogue**
- 11:10-11:30 *Coffee Break*

SESSION II: A NEW ERA FOR THE TREATMENT OF INVASIVE FUNGAL INFECTIONS

Chairs: **Loredana Sarmati, Saverio Parisi**

- 11:30-11:45 Fungal infections in neutropenic patients and CAR T-cell recipients • **Corrado Girmenia**
11:45-12:00 New paradigms for the treatment of invasive candidiasis in the era of antifungal resistance • **Matteo Bassetti**
12:00-12:15 How to treat *Aspergillus* and mould infections today: present and future drugs • **Patricia Muñoz**

12:15-12:35 **ROUND TABLE WITH DISCUSSION**

SESSION III: NEW APPROACHS TO SEVERE INFECTIONS

Chairs: **Marianna Meschiari, Alessandra Oliva**

- 12:35-12:50 Empirical and targeted approach to patients with intra-abdominal infections: what's new? • **Michele Bartoletti**
12:50-13:05 Modern approach to therapy of *Acinetobacter baumannii* infections • **Alessandro Russo**
13:05-13:20 New cephalosporins for the treatment of MDR Gram positive infections • **Silvia Corcione**

13:20-13:35 **ROUND TABLE WITH DISCUSSION**

13:35-13:45 Conclusions and closing remarks • **Marco Falcone**

13:45-14:30 *Lunch*



FACULTY



Andrea Antinori - Rome, Italy

Massimo Antonelli - Rome, Italy

Michele Bartoletti - Milan, Italy

Matteo Bassetti - Genoa, Italy

Paolo Bonfanti - Monza, Italy

Marc Bonten - Utrecht, The Netherlands

Alberto Borghetti - Pisa, Italy

Raffele Bruno - Pavia, Italy

Alessio Butti - Sottosegretario di Stato
alla Presidenza del Consiglio dei Ministri, Italy

Mara Campitiello - Ministero della Salute, Italy

Antonella Castagna - Milan, Italy

Anna Maria Cattelan - Padua, Italy

Marco Cavaleri - Amsterdam, The Netherlands

Annalisa Chirico - Fortune Italia, Italy

Silvia Corcione - Turin, Italy

Andrea Cossarizza - Modena, Italy

Francesco De Rosa - Turin, Italy

Jan De Waele - Ghent, Belgium

Lennie Derde - Utrecht, The Netherlands

Gabriella d’Ettorre - Rome, Italy

Simona Di Giambenedetto - Rome, Italy

Giovanni Di Perri - Turin, Italy

Adrian Egli - Zürich, Switzerland

Marco Falcone - Pisa, Italy

Emanuele Focà - Brescia, Italy

Frances Garraghan - Manchester, UK

Ivan Gentile - Naples, Italy

Maddalena Giannella - Bologna, Italy

Corrado Girmenia - Rome, Italy

Andrea Gori - Milan, Italy

Paolo Antonio Grossi - Varese, Italy

Ryan Hamilton - Leicester, UK

David Jenkins - Leicester, UK

Sohua S. Kanj - Beirut, Lebanon

Leonard Leibovici - Tel Aviv, Israel

Antonella Levante - IQVIA, Italy

Miriam Lichtner - Rome, Italy

Sergio Lo Caputo - Foggia, Italy

Giulia Carla Marchetti - Milan, Italy

FACULTY



Claudio Maria Mastroianni - Rome, Italy

Francesco Menichetti - Perugia, Italy

Francesco Mennini - Ministero della Salute, Italy

Marianna Meschiari - Modena, Italy

Patricia Muñoz - Madrid, Spain

Filippo Murina - Milan, Italy

Cristina Mussini - Modena, Italy

Francesco Nisticò - AIFA, Italy

Alessandra Oliva - Rome, Italy

Chloe Orkin - London, UK

Fausto Orsomarso - Commissione Finanze,
Intergruppo Parlamentare Prevenzione
e Controllo Malattie Infettive, Italy

Saverio Parisi - Padua, Italy

David Paterson - Brisbane, Singapore

Mical Paul - Haifa, Israel

Federico Pea - Bologna, Italy

Alessandro Perrella - Naples, Italy

Jean Paul Pirnay - Brussels, Belgium

Jason Pogue - Ann Arbor, USA

Massimo Puoti - Milan, Italy

Rino Rappuoli - Siena, Italy

Caterina Rizzo - Pisa, Italy

Jesus Rodriguez Baño - Seville, Spain

Alessandro Russo - Catanzaro, Italy

Annalisa Saracino - Bari, Italy

Loredana Sarmati - Rome, Italy

Orazio Schillaci - Ministro della Salute, Italy

Ryan Shields - Chapel Hill, USA

Carlo Signorelli - Milan, Italy

Robert Skov - Copenhagen, Denmark

Pranita Tamma - Philadelphia, USA

Giusy Tiseo - Pisa, Italy

Carlo Torti - Rome, Italy

Vito Trojano - Bari, Italy

David van Duin - Chapel Hill, USA

Antonio Vena - Genoa, Italy

Pierluigi Viale - Bologna, Italy

Heinam Wertheim - Nijmegen, The Netherlands

Dafna Yahav - Haifa, Israel

Francesco Zaffini - Presidente 10^a Commissione
Affari Sociali, Italy

GENERAL INFORMATION



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MEETING VENUE

Hotel Monaco & Grand Canal
San Marco 1332 - 30124 Venice

REGISTRATION

For the registration to the Congress use the following link
<https://top5id.it/apply>

OFFICIAL LANGUAGE

The official language of the Meeting
will be English.

TECHNICAL FACILITIES

Facilities will be available for computer presentations and
overhead projections.
A Slide Center with PCs (Windows and Macintosh operating
systems) will be available for Speakers to preview and finalize
their presentations. Speakers are kindly requested to submit
their presentations to the Slide Center technicians at least
one hour before their talks.

ATTENDANCE CERTIFICATE

The attendance certificate will be provided at the end of the
event by email.

