



TOP5
IN INFECTIOUS
DISEASES
THIRD EDITION

INTERNATIONAL SYMPOSIUM



PRELIMINARY PROGRAM

VENICE, MARCH 26th-28th, 2026

RATIONALE



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 venues in the world: the ancient Venice!

UNDER THE PATRONAGE OF



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 Artificial intelligence methodology in clinical research • **Adrian Egli**

11.05-11.25 Development of monoclonal antibodies to tackle antimicrobial resistance • **Rino Rappuoli**

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

12.40-13.00 Bacteriophages against multidrug resistant bacteria: state of the art • **Jean Paul Pirnay**

13.00-13.20 Recurrent infections in patients with respiratory conditions: why prevention matters? • **Gerardo Palmiero**

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 WITH 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: **Paolo Bonfanti, 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 S. Kanj**
- 17.00-17.15 **ROUND TABLE WITH DISCUSSION**

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: **Massimo Andreoni, 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, Elizabeth Tayler**
- 18.00-18.15 **ROUND TABLE WITH DISCUSSION**
- 18.15-18.35 **TOP5 OPENING LECTURE**
Introduction: **Marco Falcone**
Resistant Gram Negatives - How can we get the drugs and data that we need? • **David Paterson**
- 18.35 CLOSING REMARKS
- 18.45 *Welcome cocktail*

SECOND DAY - 27th MARCH 2026

MORNING SESSIONS



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

Chairs: **Antonio Di Biagio, David Paterson**

08.30-08.45 Virological failure: is the case to move to triple therapy? • **Alberto Borghetti**

08.45-09.00 Viral load non suppression: is the case to move to dual long-acting therapy? • **Giordano Madeddu**

09.00-09.15 Difficult-to-treat *Pseudomonas aeruginosa* infection in ICU • **Giusy Tiseo**

09.15-09.30 Challenges in the management of *Candida auris* invasive infection • **Antonio Vena**

09.30-09.50 **ROUND TABLE WITH DISCUSSION**

09.50-10.10 **TOP5 LECTURE**

Introduction: **Francesco Menichetti**

How to treat MDR *Pseudomonas aeruginosa* infections: new evidences from the literature • **Jason Pogue**

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: **Elena Giovanna Bignami, Maddalena Giannella**

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 WITH DISCUSSION**

11.25-11.45 *Coffee break*

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

Chairs: **Paolo Antonio Grossi, 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 WITH 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*

15:00-16:00 **TALK SHOW:** conduce **Maria Soave** (Giornalista RAI)

Intervengono:

Prof. Orazio Schillaci (Ministro 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)

Prevenzione delle infezioni ospedaliere: le iniziative del Ministero della Salute

Mara Campitiello (Ministero della Salute)

Utilizzo degli antibiotici reserve in Italia: forecast dei prossimi anni • **Francesca Poma** (IQVIA)

Utilizzo dei farmaci reserve: punto di vista regolatorio • **Elisa Sangiorgi** (Regione Emilia Romagna; AIFA)

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

16.00-16.30 **TAVOLA ROTONDA**

Intervengono:

Gianluca Polifrone (Fondazione Biotechopol, Siena), **Carlo Monti** (Ministero della Salute),

Silvia Velo (Regione Toscana), **Elena Cimino** (Pfizer), **Najy Alsayed** (A. Menarini), **Fabio Vecchio** (ViiV),

Massimiliano Arcidiacono (Gilead), **Andrea Coppola** (Shionogi), **Marina Panfilo** (MSD),

Federica Basso (Advanz Pharma), **Christian Terreaux** (OM Pharma), **Davide Pugliese** (Viatrix)

* sessione non accreditata ECM

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: **Giovanni Cenderello, 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: **Cristina Gervasoni, Carlo Torti**

18:30 CLOSING REMARKS



THIRD DAY - 28th MARCH 2026

MORNING SESSIONS



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

Chair: **Gabriella D'Etto**re, **Giuseppe Nunnari**, **Carlo Tascini**

- 09:15-09:30 New parenteral and oral options for the treatment of ESBL-producing Enterobacterales infections
Francesco De Rosa
- 09:30-09:45 Treatment of *Staphylococcus aureus* bacteremia: what's changed after the SNAP trial • **Dafna Yahav**
- 09:45-10:00 New cefepime- and aztreonam-based combinations to treat carbapenem-resistant Enterobacterales
Marco Falcone
- 10:00-10:15 HIV Oral and parenteral pre-exposure prophylaxis: adherence and effectiveness • **Marco Ridolfi**
- 10:15-10:35 **ROUND TABLE WITH DISCUSSION**
Discussant: **Emanuele Focà**
- 10:35-10:55 **TOP5 LECTURE**
Introduction: **Massimo Puoti**
Treatment of Ventilator-associated pneumonia caused by non fermenting Gram-negative bacilli:
old vs new options • **Mical Paul**
- 10:55-11:15 *Coffee Break*

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

Chairs: **Saverio Parisi, Loredana Sarmati**

- 11:15-11:30 Fungal infections in neutropenic patients and CAR T-cell recipients • **Corrado Girmenia**
- 11:30-11:45 New paradigms for the treatment of invasive candidiasis in the era of antifungal resistance • **Matteo Bassetti**
- 11:45-12:00 Difficult-to-treat candidiasis: from intra-abdominal to CNS infections • **Mario Tumbarello**
- 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

12:35-12:55 TOP5 LECTURE

Immunosenescence and viral infections • **Jordi Rello**

SESSION III: NEW APPROACHS TO SEVERE INFECTIONS

Chairs: **Marianna Meschiari, Alessandra Oliva**

- 12:55-13:10 Empirical and targeted approach to patients with intra-abdominal infections: what's new? • **Federico Pea**
- 13:10-13:25 Modern approach to therapy of *Acinetobacter baumannii* infections • **Alessandro Russo**
- 13:25-13:40 New cephalosporins for the treatment of MDR Gram positive infections • **Silvia Corcione**

13:40-13:55 ROUND TABLE WITH DISCUSSION

13:55-14:05 Conclusions and closing remarks • **Marco Falcone**

14:05-14:45 *Lunch*

FACULTY



Najy Alsayed - A. Menarini
Massimo Andreoni - Rome, Italy
Andrea Antinori - Rome, Italy
Massimo Antonelli - Rome, Italy
Massimiliano Arcidiacono - Gilead
Matteo Bassetti - Genoa, Italy
Federica Basso - Advanz Pharma
Elena Giovanna Bignami - Parma, Italy
Paolo Bonfanti - Monza, Italy
Alberto Borghetti - Pisa, Italy
Alessio Butti - Sottosegretario di Stato
alla Presidenza del Consiglio dei Ministri, Italy
Mara Campitiello - Ministero della Salute, Italy
Antonella Castagna - Milan, Italy
Annamaria Cattelan - Padua, Italy
Marco Cavaleri - Amsterdam, The Netherlands
Giovanni Cenderello - Sanremo, Italy
Elena Cimino - Pfizer
Andrea Coppola - Shionogi
Silvia Corcione - Turin, Italy
Andrea Cossarizza - Modena, Italy
Francesco De Rosa - Turin, Italy
Gabriella D'Ettore - Rome, Italy
Jan De Waele - Ghent, Belgium
Lennie Derde - Utrecht, The Netherlands

Antonio Di Biagio - Genoa, 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
Cristina Gervasoni - Milan, 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
Souha S. Kanj - Beirut, Lebanon
Leonard Leibovici - Tel Aviv, Israel
Miriam Lichtner - Rome, Italy
Sergio Lo Caputo - Foggia, Italy
Giordano Madeddu - Sassari, Italy
Giulia Carla Marchetti - Milan, Italy
Claudio Maria Mastroianni - Rome, Italy
Francesco Menichetti - Perugia, Italy
Francesco Mennini - Ministero della Salute, Italy
Marianna Meschiari - Modena, Italy
Carlo Monti - AIFA - Ministero della Salute, Italy
Patricia Muñoz - Madrid, Spain

FACULTY



Filippo Murina - Milan, Italy
Cristina Mussini - Modena, Italy
Giuseppe Nunnari - Catania, Italy
Alessandra Oliva - Rome, Italy
Chloe Orkin - London, UK
Fausto Orsomarso - Commissione Finanze,
Intergruppo Parlamentare Prevenzione
e Controllo Malattie Infettive, Italy
Gerardo Palmiero - Pisa, Italy
Marina Panfilo - MSD Italia
Saverio Parisi - Padua, Italy
David Paterson - Singapore
Mical Paul - Haifa, Israel
Federico Pea - Bologna, Italy
Alessandro Perrella - Naples, Italy
Jean Paul Pirnay - Brussels, Belgium
Jason Pogue - Ann Arbor, USA
Gianluca Polifrone (Fondazione Biotechnopolo, Siena)
Francesca Poma (IQVIA)
Davide Pugliese - Viatrix
Massimo Puoti - Milan, Italy
Rino Rappuoli - Siena, Italy
Jordi Rello - Barcelona, Spain
Marco Ridolfi - Rome, Italy
Caterina Rizzo - Pisa, Italy
Jesus Rodriguez Baño - Seville, Spain

Alessandro Russo - Catanzaro, Italy
Elisa Sangiorgi (Regione Emilia Romagna; AIFA)
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
Maria Soave - Giornalista RAI, Italy
Pranita Tamma - Philadelphia, USA
Carlo Tascini - Udine, Italy
Elizabeth Tayler - London, UK
Christian Terreaux - OM Pharma
Giusy Tiseo - Pisa, Italy
Carlo Torti - Rome, Italy
Vito Trojano - Bari, Italy
Mario Tumbarello - Siena, Italy
David van Duin - Chapel Hill, USA
Fabio Vecchio - Viiv Healthcare
Silvia Velo - Regione Toscana, Italy
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



PRESIDENT

Prof. Marco Falcone

Professor of Infectious Diseases
Department of Clinical and Experimental Medicine
University of Pisa,
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SCIENTIFIC SECRETARIAT

Prof. Alberto Borghetti (Pisa, Italy)
Prof. Annamaria Cattelan (Padua, Italy)
Prof. Cristina Mussini (Modena, Italy)
Dr. Sandro Panese (Venice, Italy)
Dr. Giusy Tiseo (Pisa, Italy)

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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.

