



# TOP5

IN INFECTIOUS  
DISEASES

**THIRD EDITION**

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## INTERNATIONAL SYMPOSIUM

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**PRELIMINARY PROGRAM**

VENICE, MARCH 26<sup>th</sup>-28<sup>th</sup>, 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!

## UNDER THE PATRONAGE OF



# FIRST DAY - 26<sup>th</sup> 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**

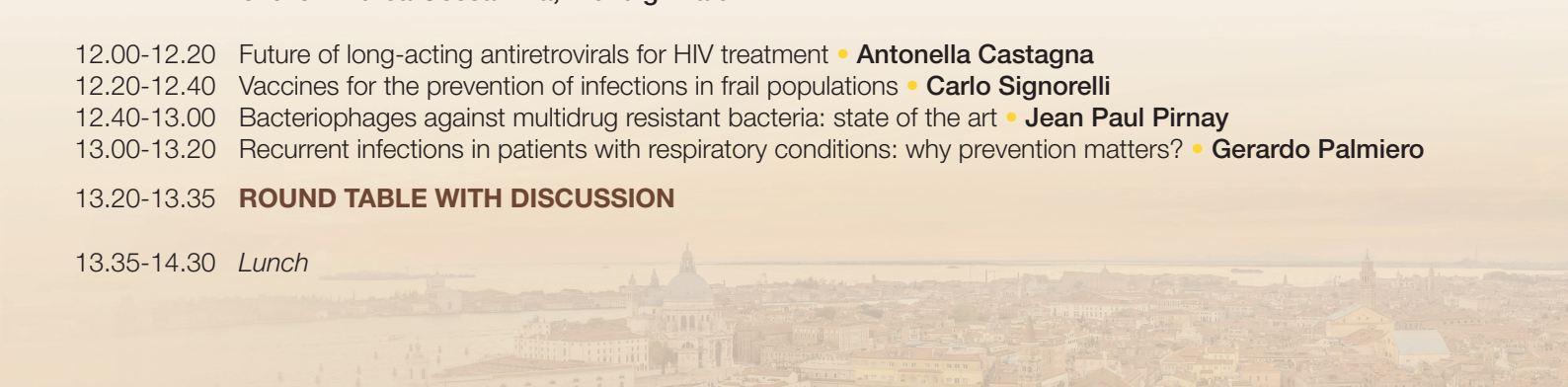
12.20-12.40 Vaccines for the prevention of infections in frail populations • **Carlo Signorelli**

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 - 26<sup>th</sup> 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**



# FIRST DAY - 26<sup>th</sup> 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: **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 - 27<sup>th</sup> 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 - 27<sup>th</sup> 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 - 27<sup>th</sup> 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<sup>a</sup> 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 Biotechnopolo, 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),

**Federico Serra** (Intergruppo Parlamentare Prevenzione e Controllo Malattie Infettive),

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

*\* sessione non accreditata ECM*

# SECOND DAY - 27<sup>th</sup> 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 • **Cecilia Fochesato**

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 - 28<sup>th</sup> MARCH 2026

## MORNING SESSIONS



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

Chair: **Gabriella D'Ettorre, Giuseppe Nunnari**

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*



# THIRD DAY - 28<sup>th</sup> MARCH 2026

## MORNING SESSIONS



### 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 • **Carlo Tascini**

#### 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  
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**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  
**Andrea Cossarizza** - Modena, Italy  
**Francesco De Rosa** - Turin, Italy  
**Gabriella D'Ettorre** - 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  
**Cecilia Fochesato** - Milan, 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  
**Cristina Mussini** - Modena, Italy

# FACULTY



**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  
**Federico Serra** - Intergruppo Parlamentare Prevenzione e  
Controllo Malattie Infettive  
**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<sup>a</sup> Commissione  
Affari Sociali, Italy

# GENERAL INFORMATION



## **PRESIDENT**

**Prof. Marco Falcone**

Professor of Infectious Diseases  
Department of Clinical and Experimental Medicine  
University of Pisa,  
Azienda Ospedaliero-Universitaria Pisana, Pisa (Italy)

## **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)

## **ORGANIZING SECRETARIAT AND CME PROVIDER**



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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.

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