

BERTINORO MEETING ON BLOOD STREAM INFECTIONS 2021
CEUB BERTINORO 13 - 14 – 15 JUNE 2021

June 13th

14.30 – 15.00 Opening Ceremony

15.00 – 18.30 **Session 1: Pathogenesis and epidemiology of BSI**

Chair: Pierluigi Viale (Bologna – I), Vittorio Sambri (Pievesestina/Bologna – I)

15.00 Maurizio Sanguinetti (Rome – I)

BSI from the ESCMID perspective

15.30 Winfried V. Kern (Freiburg – D)

The burden of bacterial BSI

16.00 Stefania Stefani (Catania – I)

Gram positive bacteria and BSI

16.30 Gian Maria Rossolini (Firenze – I)

Gram negative bacteria and BSI

17.00 Murat Akova (Ankara – T)

Global epidemiology of antimicrobial resistance and Blood Stream Infections

17.30 Roman Kozlov (Smolensk – RU)

Blood Stream Infections and AMR in Russia

18.00 Ilana Camargo (San Paulo – BR)

BSI in South America

18.30 Brunella Posteraro (Rome – I)

Fungal antigens detection and biomarkers to identify candidemia and bacteremia in suspected BSI patients

19.00 Wrap up of the session

June 14th

8.30 – 11.00 **Session 2: Diagnosis of BSI**

Chair: Maurizio Sanguinetti (Roma – I), Emilo Bouza (Madrid – E)

8.30 Evgeny Idelevich (Munster – D)

Microbiological Diagnosis of BSI in EU

9.00 Michael Wilson (Denver – USA)

Which factors most influence the recovery of pathogens from blood

- 9.30 Karen C. Carroll (Baltimore – USA)
How to manage the problem of Blood culture contamination
- 10.00 Gorm Lisby (Copenhagen – DK)
BSI in an evolving diagnostic scenario for AST
- 10.30 Antonio Giarratano (Palermo – I)
PCT and biomarkers in BSI
- 11.00 Prabath Nanayakkara (Amsterdam – NL)
Correlation between blood culture results and outcome of septic patients
- 11.30 – 12.00 Coffee break
- 12.00 – 13.00 **Session 3: Pediatric BSI**
Chair: Andrea Pession (Bologna – I)
- 12.00 Dorotea Orth (Innsbruck – A)
Blood cultures in pediatric patients
- 12.30 Nina Droz (Colombes – F)
Epidemiology and resistance of bacteria detected in pediatric BSI from low and middle income countries
- 13.00 Wrap up of session 2 and 3
- 13.15 – 13.45 Lunch
- 13.45 – 16.15 **Session 4: Management of bloodstream infections**
Chair: M. Bauer (Jena – DE), E. J. Giamarellos-Bourboulis (Athens – GR)
- 13.45 Maddalena Giannella (Bologna – I)
Quality of care indicators in the management of BSI
- 14.15 E. J. Giamarellos-Bourboulis (Athens – GR)
Personalized sepsi immunotherapy
- 14.45 Z. Molnar (Szeged – HU)
Biomarkers to guide antimicrobial treatment
- 15.15 F. Brunkhorst (Jena – DE)
Immunoglobulins
- 15.45 M. Bauer (Jena – DE)
Holistic organ support
- 16.15 – 16.30 Coffee break
- 16.30 – 19.30 **Session 5: New antibiotics to combat resistance**
Chair: M. Huber-Lang (Ulm – DE), C. Gogos (Patras – GR)

- 16.30 Renato Pascale (Bologna – I)
Imipenem relebactam
- 17.00 S.Tedeschi (Bologna – I)
Fosfomicin
- 17.30 K.A. Kinosoglou (Patras – GR)
Colistin: is it still an option?
- 18.00 M. Bassetti (Genova – I)
Ceftazidime/avibactam
- 18.30 Y. Carmeli (Tel-Aviv – ISR)
Cefiderocol
- 19.00 F. Pea (Bologna – I)
Meropenem Vaborbactam
- 19.30 Patricia E. Mounoz (Madris – E)
Candidemia
- 20.00 Wrap up of session 4 and 5

June 15th

8.00 – 10.30 Session 6: BSI in different clinical setting

Chair: Nazzareno Galiè (Bologna – I), Claudio Borghi (Bologna – I)

- 8.00 Gianluca Ianaro (Rome – I)
Gut microbiota and BSI
- 8.30 Harm Jan S de Grooth (Amsterdam – NL)
Catheter related blood stream infections: diagnosis, etiology and epidemiology
- 9.00 Rasmus Liestner (Berlin – D)
Esβl colonization and risk to develop BSI from resistant bacteria
- 9.30 Carlo Prati (Bologna – I)
Correlation between BSI and oral pathogens: is this a dangerous liaison?
- 10.00 Massimo Sartelli (Macerata – I)
BSI in surgical patients

10.30 – 11.00 Coffee break

11.00 – 13.30 Session 7: Artificial Intelligence, Robotics and innovative technologies

Chair: Paulo Mergulhao (Porto – P), Evelina Tacconnelli (Verona – I)

- 11.00 Jose F. Camargo (Miami – USA)
Next Generation Sequencing of cell free DNA for the diagnosis of infectious diseases
- 11.30 Steen Andreassen (Aalborg – DK)
Artificial intelligence: an innovative way to manage BSI
- 12.00 Gastone Castellani (Bologna – I)
System Biology for the modelling of BSI

- 12.30 Vittorio Sambri (Pievesestina & Bologna – I)
Molecular techniques to reduce the TAT of laboratory diagnosis
- 13.00 Monica Cricca (Bologna – I)
Innovative technologies for the diagnosis of fungal BSI
- 13.30 Wrap up of session 6 and 7
- 13.45 – 14.30 Lunch
- 14.30 – 16.30 **Session 8: BSI at the clinical – laboratory interface**
Chair: Claudio Farina (Bergamo – I), Francesco Cristini (Rimini – I)
- 14.30 Edoardo Carretto (Reggio E. – I), Carlo Biagetti (Rimini – I)
Infectious Diseases
- 15.00 Carla Fontana (Rome – I), Marco V. Ranieri (Bologna – I)
ICU
- 15.30 Giuliana Lo Cascio (Piacenza – I), Vanni Agnoletti (Cesena – I)
Emergency & Trauma
- 16.00 Simone Ambretti (Bologna – I), Michele Bartoletti (Bologna – I)
Immuno compromised patients
- 16.30 Wrap up of session 8
- 16.45 Closing Remarks (Vittorio Sambri – Pievesestina/Bologna)
- 17.00 ECM Test