



52° CONGRESSO NAZIONALE

DELLA SOCIETÀ ITALIANA DI MICROBIOLOGIA SIM



8-11 SETTEMBRE 2024
PAVIA | UNIVERSITÀ DEGLI STUDI DI PAVIA

MARTEDÌ 10 SETTEMBRE 2024

AULA DISEGNO**EPIDEMIOLOGY****MODERATORI: Giuliana Banche e Clementina Elvezia Cocuzza**

- 15.00 - 15.30 Senior: The national system of arbovirus surveillance: a good example of One Health approach - **Giulietta Venturi**
- 15.30 - 15.45 FOGS: a novel time-aware index of bacterial genome plasticity to predict emerging high-risk clones - **Stefano Gaiarsa**
- 15.45 - 16.00 Acinetobacter baumannii outbreak tracing using the Fourier-Transform Infrared (FT-IR) spectroscopy - **Giulia Toccaceli**
- 16.00 - 16.15 Serological positivity of Treponema pallidum in tertial Rome hospital: a retrospective epidemiological study in last five years (2019-2023) - **Gaetana Costanza**
- 16.15 - 16.30 Human Papillomavirus (HPV) detection and genotyping among women with a recent abnormal cervical cytology result - **Marianna Martinelli**
- 16.30 - 16.45 One year surveillance of carbapenem-resistant Enterobacterales: the impact of WGS - **Cristina Merla**
- 16.45 - 17.00 Genomic epidemiology of the rapid "post-pandemic" re-emergence of Group A Streptococcus in an Italian tertiary University Hospital - **Gabriele Arcari**

AULA 400**MICROBIAL PHYSIOLOGY AND METABOLISM****MODERATORI: Stefania Conti e Sergio Uzzau**

- 15.00 - 15.30 Senior: The enigmatic role of Rid family proteins at the intersection between microbial physiology, metabolism and virulence - **Pietro Alifano**
- 15.30 - 15.45 Designing MICRO-B, a novel dynamic in vitro model to study the human gut microbiota - **Marco Calvigioni**
- 15.45 - 16.00 Metaproteomic portrait of the healthy human gut microbiota - **Alessandro Tanca**
- 16.00 - 16.15 A 69.9-kb long inverted repeat generates instability in a laboratory strain of Lactobacillus crispatus - **Lorenzo Colombini**
- 16.15 - 16.30 Planktonic and Biofilm Membrane Vesicles Released by Limosilactobacillus reuteri DSM 17938: Biochemical and Functional Properties - **Beatrice Marinacci**
- 16.30 - 16.45 The impact of fatty acid synthase on HSV-1 infection dynamics - **Matteo Biolatti**
- 16.45 - 17.00 Searching for new gut friends: in vitro characterization of the probiotic properties of human colonic isolated Escherichia coli - **Daniela Scribano**

AULA 400

- 17.00-18.00 **RIUNIONE SCHOOL OF MICROINFORMATICS E ADVANCED SCHOOL**