



ADVANCED  
SCHOOL

IN MICROBIOLOGY  
AND HOST MICROBE  
INTERACTION

## ADVANCED SCHOOL IN MICROBIOLOGY AND HOST MICROBE INTERACTION

**Evolution, Molecular and genetic determinants of drug resistance in  
Gram-negative bacteria  
20<sup>th</sup> of November 2023**

**Chair:** Prof. Roberta Migliavacca - *University of Pavia*

**16:00 – 16:25 Introduction** Evolution of antibiotics resistance mechanisms in *Klebsiella pneumoniae* -from ESBLs to cefiderocol resistance

Prof. Tommaso Giani - *University of Florence*

**16:25 -16:50:** *E. coli*: genomic surveillance and analysis of antibiotic-resistance current trends in one-health perspective

*Dr. Aurora Piazza - University of Pavia*

**16:50 – 17:15:** Iron metabolism: a promising target for antimicrobials against *Pseudomonas aeruginosa* and *Acinetobacter baumannii*

*Dr. Daniela Visaggio - University of Roma Tre*

**17:15 – 18:00** Discussion – Q&A

Iscrizioni:

<https://www.societasim.it/advanced-school-in-microbiology-and-host-microbe-interaction/>