



ADVANCED  
SCHOOL

IN MICROBIOLOGY  
AND HOST MICROBE  
INTERACTION

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Monday, October 7<sup>th</sup> 2024

***Complex cell culture models as frontier tools for  
microbiological research***

**Chair: Giovanna Batoni, Dipartimento di Ricerca traslazionale e delle Nuove Tecnologie in Medicina e Chirurgia, Università di Pisa**

*16:05 - 16:30 Exploiting advanced in vitro models for the immunogenicity assessment of vaccines for human use*

**Marilena Paola Etna, Dipartimento di Malattie Infettive, Istituto Superiore di Sanità**

*16:30 - 16:50 In vitro cellular models of infection to study the host-parasite interaction and the efficacy of new therapeutic strategies*

**Semih Esin, Dipartimento di Ricerca traslazionale e delle Nuove Tecnologie in Medicina e Chirurgia, Università di Pisa**

*16:50 – 17:10 Organ-on-chip technology for modeling lung inflammation and infection*

**Roberto Plebani, Università "G. d'Annunzio" di Chieti-Pescara**

**17:10 - 17:30 Discussion and Q&A**