

GIORNATA DI FORMAZIONE



Applicazione delle scienze omiche alla ricerca antivirale

23 Settembre 2026 | Sardegna Ricerche Research Park (Santa Margherita di Pula, Cagliari)

PLENARY SESSION (Auditorium)

Chair: Federico Forneris

9:00 Data driven drug discovery workflows to identify novel small molecule based anti-infectives, experiences from EU-OPENSREEN and Fraunhofer
Philip Gribbon - Fraunhofer-Institut

9:45 Profiling cellular dynamics during viral infection by proteomics
Christian Munch - University Hospital Frankfurt

10:30 COFFEE BREAK

11:00 Decoding the Host Response: Transcriptomics for the Discovery of Novel Therapeutic Targets in Viral and Virus-Associated Diseases
Nicole Grandi – University of Cagliari

11:45 Comprehensive Atomic-Scale 3D Viral-Host Protein Interactomes to Identify Novel Antiviral Targets
Luis M Schang - Cornell University

13:00 LUNCH BREAK

PUBLIC/PRIVATE SYNERGIES IN VIRAL RESEARCH (Auditorium)

Chair: Nicole Grandi

Talks from industrial partners

15:00 Integrated Approaches to Antiviral Drug Discovery: From Viral Biology to Lead Optimization
Ilaria Carli - IRBM Pomezia

15:30 Computational Antiviral Discovery at Scale: Lessons from the EXSCALATE Platform
Carmin Talarico - Dompé Pharmaceuticals

Selected talks

16:00 The conserved proteomic fingerprint of infection illuminates novel broad-spectrum antivirals targeting host factors
Irene Silva Ruiz - IrsiCaixa

16:15 Multiomics Profiling Reveals Distinct and Overlapping Immune Activation Signatures and HERV Modulation via RIG-I and IFNAR Pathways
Sante Scognamiglio - University of Cagliari