6th IAAASS

Innovative Approaches for Identification of Antiviral Agents

September 26th -30th 2022, Pula (CA), Sardinia, Italy

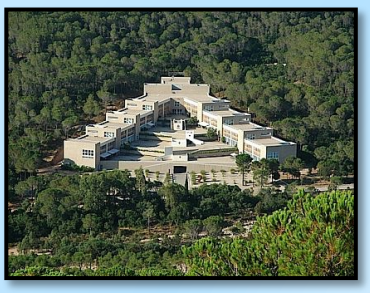
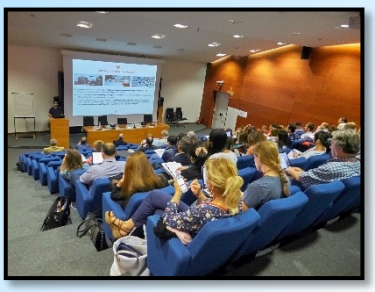
- **Informal** and **interactive** international environment targeted to **early-stage researchers**
- Presentation of **most advanced methods** for the development of **novel antiviral agents**
- Plenary lectures reviewing **viral target identification** and **drug discovery** from **leading internationally-recognized experts** in the fields of virology, biochemistry, molecular modeling and medicinal chemistry
- Afternoon sessions dedicated to **poster** and **oral presentations from participants**
- **Daily thematic discussion groups** stimulating interactions between early researchers and senior scientists

Confirmed speakers

Graciela Andrei (Leuven)
Kathie Seley-Radtke (Baltimore)
Johan Neyts (Leuven)
Jean Nachega (Pittsburgh)
Vincenzo Summa (Napoli)
Stefan Pöhlmann (Göttingen)
Chris Meier (Hamburg)
Albrecht Von Brunn (Munich)
Massimo Palmarini (Glasgow)
Andrea Brancale (Prague)
Ben Berkhout (Amsterdam)
Priscilla Yang (Stanford)
Reuben Harris (San Antonio)
Enzo Tramontano (Cagliari)
Branka Horvat (Lyon)
St. Patrick Reid (Omaha)

Submission deadline 15th July 2022

Info: iaaass@unica.it , http://people.unica.it/iaaass/


The Organizing Committee welcomes you to Polaris Technology Park, located in the territory of Pula (Cagliari) in a natural park at the foot of Sulcis mountains, South-Western coast of Sardinia. We look forward to sharing with you a wider view on current and future antiviral strategies in this amazing place!

Organizing Committee:

Enzo Tramontano, University of Cagliari, Italy
Stuart Le Grice, NCI, Frederick, MD, USA
Angela Corona, University of Cagliari, Italy
Reuben Harris, HHMI & UT Health San Antonio, USA
Vincenzo Summa, Federico II University, Naples, Italy
Elias Maccioni, University of Cagliari, Italy
Graciela Andrei, UK Leuven, Belgium
Ben Berkhout, University of Amsterdam, Netherlands
Cristina Parolin, University of Padova, Italy

EUROPEAN SOCIETY for VIROLOGY
EuroClone serving science through innovation
SIV ISV SOCIETÀ ITALIANA DI VIROLOGIA ITALIAN SOCIETY FOR VIROLOGY
中药全球化联盟 CONSORTIUM FOR GLOBALIZATION OF CHINESE MEDICINE
Federation of European Microbiological Societies
SARDEGNA RICERCHE

Innovative Approaches for Identification of Antiviral Agents

September 26th -30th 2022, Pula (CA), Sardinia, Italy

2022.09.26

4.00 pm	Shuttle from Hotel Flamingo to the Research Park	
4.30 pm	**Opening Remarks**	
	Enzo Tramontano	Local host
	Kathie Seley-Radtke	ISAR president
	Plenary lectures	
	1- Kathie Seley-Radtke *University of Maryland, Baltimore, USA*	Fleximers – a strategic approach to broad-spectrum antiviral therapeutics
	2-Priscilla Yang *Stanford University, Stanford, USA*	Targeted protein degradation (rather than functional inhibition) as an alternative antiviral strategy
6:30 pm	Shuttle from Research Park to the Hotel Flamingo	
8:00 pm	**Dinner**	

2022.09.27

8.40 am	Shuttle from Hotel Flamingo to the Research Park	
9:00 am	**Plenary Lecture**	
	3 - Branka Horvat *International Center for Infectiology Research, Lyon, France*	Development of fusion inhibitory peptides against airborne viral infections
	4 - Stefan Pöhlmann *German Primate Center, Infection Biology Unit, University of Göttingen, Germany*	SARS-CoV-2 entry into cells and its inhibition
11.00 am	**Coffee Break**	
11.15 am	**Poster session 1 odd numbers**	
12:00 am	**Plenary Lecture**	
	5 - St. Patrick Reid *University of Nebraska Medical Center, Omaha, Nebraska, USA*	Developing a joint model to understand Chikungunya virus infection
1.00-2.30 pm	**Lunch**	
2.30-4.30 pm	**Selected oral communications _ Students talks**	
4.30 pm	Shuttle from Research Park to the Hotel Flamingo	
6.30-7.30 pm	**Discussion groups**	
8.00 pm	**Dinner**	

2022.09.28		
8.40 am	Shuttle from Hotel Flamingo to the Research Park	
9:00	**Plenary Lecture**	
	6 - Graciela Andrei *REGA Institute, KU, Leuven, Belgium*	Antiviral drug development against large DNA viruses: success and failure
	7 - Chris Meier *University of Hamburg, Germany*	Getting highly polar, bioactive Nucleotides into cells using chemical "trojan horses" – from Medicinal Chemistry to Chemical Biology
11.00 am	**Coffee Break**	
11.15 am	**Poster session 2 even numbers**	
12.00-13.00	**Plenary Lecture**	
	8 - Vincenzo Summa *Federico II University of Naples, Italy*	A journey into the drug discovery of the proteases from HCV to SARS-CoV2
1.00-2.00 pm	**Lunch**	
2.00- 5.00 pm	**Plenary BIOTECH**	
	Reithera Antonella Folgori	Developing viral vectored-vaccines against infectious diseases: achievements, challenges and opportunities
	Takisbiothech Luigi Aurisicchio	DNA vaccination: past, present and future perspectives
	Dompé Daniela Iaconis	Artificial Intelligence AI and Molecular Simulation MS: paving a new way for drug discovery
	ViroStatics Franco Lori	Synergistic combinations of antiviral drugs
5.00 pm	Shuttle from Research Park to the Hotel Flamingo	
7.00-8.00 pm	**Discussion groups**	
8.00 pm	**Dinner**	
2022.09.29		
8.40 am	Shuttle from Hotel Flamingo to the Research Park	
9:00 am	**Plenary Lecture**	
	9 - Enzo Tramontano *University of Cagliari, Cagliari, Italy*	Searching for direct acting agents targeted to SARS-CoV-2 proteins
	10 - Albrecht von Brunn *Ludwig-Maximilians-University, Munich, Germany*	From Coronavirus-host protein-protein interaction screening to viral signaling pathways and broad-spectrum antivirals
11.00 am	**Coffee Break**	
11:30 am	**Plenary Lecture**	
	11 - Reuben Harris *HHMI & UT Health San Antonio, Texas, USA*	Combinatorial therapy for SARS2 - Insights from studies on the viral main protease (Mpro/3CLpro)
	12 - Ben Berkhout *Institute for Infection and Immunity, University of Amsterdam, Netherlands*	Can we use CRISPR-Cas to cure an HIV-1 infection?
1.00-2.00 pm	**Lunch**	
2:00-4:00 pm	**Round table: Is there any life after PhD?** An overview of working perspectives	
4:00 pm	Shuttle from Research Park to the Hotel Flamingo	
8.00 pm	**Dinner**	

2022.09.30		
8.40 am	Shuttle from Hotel Flamingo to the Research Park	
9:00 am	**Plenary Lecture**	
	13 - Johan Neyts *REGA Institute, KU, Leuven, Belgium*	Antivirals, a lot has been achieved, yet a long way to go
	14 - Andrea Brancale *University of Chemistry and Technology, Prague, Czech Republic*	Computational approaches in the design of novel antivirals
11.00 am	**Coffee Break**	
11:30 am	**Plenary Lecture**	
	15 - Jean Nachega *University of Pittsburgh, Pennsylvania, USA*	COVID-19 Vaccines Roll-out in Africa: Challenges and Opportunities
	16 - Massimo Palmarini *Centre for Virus Research, MRC-University of Glasgow, UK*	Evasion of genetic barriers for spillover and pandemic emergence of influenza A viruses
1.00-2.30 pm	**Lunch**	
2.30-4.30 pm	**Selected oral communications _ Students' talks**	
4:30 pm	Shuttle from Research Park to the Hotel Flamingo	
8.00 pm	**Closing Dinner**	