4th IAAASS

Innovative Approaches for Identification of Antiviral Agents Summer School

September 24th -28th 2018, 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)
Daniel Appella (Bethesda)
Maurizio Botta (Siena)
Andrea Brancale (Cardiff)
Raffaele De Francesco (Milano)
Simona Distinto (Cagliari)
José Esté (Badalona)
Reuben Harris (Minneapolis)
Michelle Hastings (Chicago)
Zlatko Janeba (Prague)
Stuart Le Grice (Frederick)
Stephan Ludwig (Münster)
Thomas Mertens (Ulm)
Giorgio Palù (Padova)
Cristina Parolin (Padova)
Vincenzo Summa (Roma)

Biotech Round –table with

Stuart Le Grice (NCI) **Franco Lori** (Virostatics) **Vincenzo Summa** (IRBM)
Timothy Tellinghuisen (Hoffmann-La Roche)

Submission deadline 30th June 2018

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
Elias Maccioni, University of Cagliari, Italy
Cristina Parolin, University of Padova, Italy
Stuart Le Grice, NCI, Frederick, MD, USA
Angela Corona, University of Cagliari, Italy

In collaboration with and sponsored by RAS.

SARDEGNA RICERCHE
EUROPEAN SOCIETY for VIROLOGY
Roche
Fondazione Banco di Sardegna
SIMGBM

International Antiviral Symposium Foundation

2018.09.24		
5.00 pm	Registration	
6.00 pm	**Remarks**	
	Enzo Tramontano	
	Giorgio Palù	President of the European Society for Virology and of the Società Italiana di Virologia Italian Society for Virology - SIV-ISV
	José Esté	President of the International Society for Antiviral Research
	Inaugural Lecture	
	José Esté *Fundaciò Irsicaixa (Spain)*	Host-pathogen interactions and antiviral drug potency
2018.09.25		
9.00 am	**Plenary lectures**	
	Stephan Ludwig *University of Münster, Germany*	Structural Targeting signal transduction pathways to fight the flu
	Stuart Le Grice *National Cancer Institute (USA)*	Small molecule targeting of viral RNA regulatory elements
11.00-11.15 am	Coffee Break	
11.15 am	**Plenary lectures**	
	Andrea Brancale *Cardiff University (UK)*	Computer-aided design of novel antivirals
	Daniel Appella *NIH (USA)*	Disrupting HIV Nucleocapsid Protein with Mercaptobenzamides
1.00-2.00 pm	**Lunch**	
2.00-3.30 pm	**Poster session** 1	
3.30-5.00 pm	**Selected oral communications**	
6.00 pm	Coffee break	
6.30-7.30 pm	**Discussion groups**	
2018.09.26		
9.00 am	**Plenary lectures**	
	Raffaele De Francesco *NIMG, Italy*	From the elucidation of HCV life-cycle to the development of highly effective antivirals
	Michelle Hastings *Rosalind Franklin University (USA)*	Therapeutic Targeting of Gene Expression with Antisense
11.00-11.15 am	Coffee Break	
11.15 am	**Round table**: **Working in a company after the PhD**	
1.00-2.00 pm	**Lunch**	
2.00-3.30 pm	**Poster session and Bio-tech companies presentation desk**	
3.30-5.00 pm	**Selected oral communications**	
6.00 pm	Coffee break	
6.30-7.30 pm	**Discussion groups**	
2018.09.27		
9.00 am	**Plenary lectures**	
	Zlatko Janeba *Institute of Organic Chemistry and Biochemistry CAS, Prague (Chzec Republic)*	The progress in development of inhibitors of viral reverse transcriptase
	Vincenzo Summa *IRBM (Italy)*	Discovery of Grazoprevir an HCV pangenotype protease inhibitor approved for interferon free therapy to cure the HCV infected patients
11.00-11.15 am	Coffee Break	
11.15 am	**Plenary lectures**	
	Reuben Harris *University of Minnesota (USA)*	Targeting Evolvability
	Maurizio Botta *University of Siena (Italy)*	Antiviral compounds with broad spectrum activity on enveloped viruses
1.00 pm	**Lunch**	
	Free afternoon	
2018.09.28		
9.00 am	**Plenary lectures**	
	Thomas Mertens *University of Ulm (Germany)*	Re-emergence of antibodies in antiviral therapy
	Cristina Parolin *Padova University (Italy)*	Gene therapy approaches for the treatment of HIV-1 infection
11.00-11.15 am	Coffee Break	
11.15 am	**Plenary lectures**	
	Graciela Andrei *KU Leuven (Belgium)*	Viral DNA polymerases: effects of amino acid substitutions on viral adaptation and evolution
	Simona Distinto *University of Cagliari (Italy)*	In silico virtual screening approaches for antiviral drug discovery
1.00-2.00 pm	**Lunch**	
2.00-3.30 pm	**Poster session**	
3.30-5.00 pm	**Selected oral communications**	
6.00 pm	Coffee break	
6.30-7.30 pm	**Discussion groups**	
2018.09.29		
		Breakfast and leaving

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Language: English is the official language of the school.

Venue: Polaris Technology Park (Building 2). Loc Piscinamanna, 09010 Pula (CA), Italy.

Applications:
The course is sponsored by the Regional Sardinian government, Fondazione di Sardegna, ESV, Hoffman- La Roche, the students registration fee will include course material, lunches, coffee breaks and accommodation expenses. Free shuttle services will be provided from the hotel to the Polaris Technology Park Auditorium.
The Summer School will host 40 young scientists and a 20 senior scientists. All the applicants will have to submit an abstract to present their research topic, results and goals. They will have to present their work via poster or oral presentation. Each candidate will be admitted to the Summer School after evaluation of his contribution and curriculum vitae.

Deadline for all applications: June 30, 2018 at 24:00 CET

Organized in collaboration with Sardegna Ricerche Research Agency and Consorzio interuniversitario per lo Studio dei Metaboliti Secondari. Sponsored by RAS

Congress Secretariat
Co.S.Me.Se

All information and forms for registration available at: http://people.unica.it/iaaass/
Please do not hesitate to contact the Secretariat if you require any additional information or assistance. Please address all correspondence to: iaaass@unica.it

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