



International Centre for Genetic Engineering and Biotechnology

International Conference

Pandemic preparedness

Achievements, current challenges, and new frontiers

11-13 November 2024, Trieste
Savoia Excelsior Palace Hotel

PROGRAM AT A GLANCE

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Time	DAY 1 Monday 11 November	Time	DAY 2 Tuesday 12 November	Time	DAY 3 Wednesday 13 November
		08.30			
08.45	Registration		Session 3 Drug discovery: stocking the shelves for the next pandemic Federica Dattola Manon Laporte Isabel Pagani Rohan Narayan Akanksha Shanbhag Kris White	09.00	Marion Koopmans <i>Pandemic preparedness with a focus on prevention</i>
09.15	Welcome session 9.15-9.35 Institutional greetings 9.35-10.00 Introductions			09.45	Session 8 Risk and mitigation of viral zoonoses Giulia Gallo Kimberly Lyons Ségolène Gracias Annelin Seppola
10.00	Yoshihiro Kawaoka <i>Addressing the ongoing threat of emerging viral infections</i>	10.00	Johan Neyts <i>Broader-acting antivirals for epidemic and pandemic preparedness</i>		
10.45	<i>Welcome coffee</i>	10.45	<i>Coffee break</i>	10.45	<i>Coffee break</i>
11.15	Rino Rappuoli <i>Preparing the world for climate-driven amplifications of infections</i>	11.15	Martin Weigt <i>"Forecasting" protein evolution using data-driven sequence landscapes</i>	11.15	Tom Peacock <i>Investigating the origins and mammalian spillover potential of the ongoing H5N1 panzootic</i>



11.45	<p>Session 1 Emerging and re-emerging viruses with pandemic potential Elisa Vicenzi Wilhelm Furnon Pamela Martinez-Orellana</p>	11.45	<p>Session 4 Artificial Intelligence (AI) and Machine Learning: tools for pathogen studies Francesca Cuturello Spyros Lytras Abdullah Algaissi</p>	11.45	<p>Fabrizio Maggi <i>The comprehensive response to autochthonous outbreaks of dengue virus: the approach of the National Institute for Infectious Diseases "L. Spallanzani" in Rome</i></p>
				12.15	<p>Session 9 Global health Francesco Menegale Alessandro Pezzella</p>
12.30	<p>Tatjana Avšič-Županc <i>Outbreak preparedness at the Institute of Microbiology and Immunology in Ljubljana</i></p>	12.30	<p>Lucia Banci <i>The NMR contribution to Cellular Structural Biology: from protein structures and their interactions to functional processes</i></p>	12.45	<p><i>Light lunch</i></p>
13.00	<p><i>Light lunch</i></p>	13.00	<p><i>Light lunch</i></p>	13.30	<p>Alessandro Marcello <i>The challenges of pandemic preparedness and biosecurity – act locally to protect globally</i></p>
14.00	<p>Maria José Ruiz Alvarez <i>Advancing European Research: The role of National Health Institutions in European Partnerships linked to One Health Anti-Microbial Resistance, Pandemic Preparedness and through the collaboration with ECRIN/ItaCRIN</i></p>	14.00	<p>Daniel Hurdiss <i>Coronavirus pandemic preparedness through the lens of a structural biologist</i></p>	14.00	<p>Jonathan Ewbank <i>Fostering pandemic preparedness and response research: the case of European Research Infrastructure on Highly Pathogenic Agents (ERINHA)</i></p>
14.30	<p>Marta Giovanetti <i>Using genomics to understand climate amplified diseases and epidemics</i></p>	14.30	<p>Session 5 Multidisciplinary approaches to pandemic preparedness Federica Piccirilli</p>	14.30	<p>Session 10 Biosecurity, infrastructure and cooperation Salome Steinke Giada Mattiuzzo</p>



15.00	Session 2 Diagnostics and Surveillance (part I) Mariana Ulinici Nina Prezelj Andrea Valsesia Francesco Baldini		Denis Rajnovic Courtney Waugh Stefano Morasso		Guillain Mikaty Miranda Smith Felix Moronta-Barrios
		15.30	<i>Coffee break</i>	15.45	Closing session Best poster awards, conclusions and final remarks
16.00	<i>Coffee break</i>	16.00	Session 6 Vaccine development – design Elizabeth McFadden Giuditta De Lorenzo Fabrizio Mammano Federica Marchesin		
16.30	Emma Thomson <i>Next generation sequencing approaches to enhance surveillance capacity for emerging viruses</i>				
		17.00	Session 7 Vaccine development – strategy & approach Cristiana Campa Hassan Askary Mic McGoldrick Anna Särnefält		
17.15	Session 2 Diagnostics and Surveillance (part II) Giuditta Annibaldis Alessandro Silvestri Natasha Louise Tilston-Lunel				
18.00	Sponsored slot by beanTech srl Alberto Pezzetta Ruggero Lot				



18.15	Drinks and poster session		
19.00	<i>Welcome reception</i>		
		20.30	<i>Social dinner</i>

