

6th Ringberg Symposium on Giant Virus Biology

- preliminary program –

	Monday	Tuesday	Wednesday	Thursday	Friday
	15.12.2025	16.12.2025	17.12.2025	18.12.2025	19.12.2025
08:00		Breakfast	Breakfast	Breakfast	Breakfast
08:30					
09:00		Session 1 Viromics 4 talks á 20 min	Session 5 Virus Ecology 4 talks á 20 min	Session 8 Structural Virology 4 talks á 20 min	Session 12 Perspectives 4 talks á 20 min
09:30					
10:00					
10:30		Coffee Break & Posters	Coffee Break & Posters	Coffee Break & Posters	Coffee Break & Posters
11:00		Session 2 New Viruses 4 talks á 20 min	Session 6 Virus Diversity 5 talks á 20 min	Session 9 Viral Biochemistry 4 talks á 20 min	Final discussion
11:30					
12:00					
12:30					
13:00		Lunch (12:30-14:30)	Lunch (13:00-14:30)	Lunch (12:30-14:30)	Departure (Lunch bags)
13:30					
14:00					
14:30		Session 3 GEVEs 4 talks á 20 min	Free afternoon	Session 10 Virophages 4 talks á 20 min	
15:00	Arrivals, registration				
15:30		Coffee Break & Posters	Coffee Break & Posters	Coffee Break & Posters	
16:00		Session 4 Jim Van Etten	Session 7 Virus-host interactions 4 talks á 20 min	Session 11 Virus Evolution 4 talks á 20 min	
16:30	Welcoming remarks	Castle Tour by Jochen Essl			
17:00	Keynote lecture Eugene Koonin				
17:30					
18:00	Dinner	Dinner	Dinner	Dinner	
18:30					
19:00					
19:30	Socializing & Discussions	Poster Flash Talks			
20:00					
20:30		Poster session	Open Mic Evening	"This Week in Virology" Podcast recording by Vincent Racaniello & Guests	
21:00					
21:30					
22:00					

17-Nov-2025

Session Topic	Presenter	Title
Keynote	Eugene Koonin	Are there giant viruses?
Viromics	Ulysse Guyet	Planktonic gene fluxes depict a long-term co-evolution of large and giant eukaryotic viruses with their unicellular eukaryotic hosts
	Max-Emil Schön	Strain-level differences of chlorarachniophyte-infecting giant viruses impact DNA methylation
	Lingjie Meng	Glycosylation in giant viruses: evolution, novelty, and activity
	Frederik Schulz	Pushing the boundaries of giant virus biology through metagenomics
New viruses	La Scola/Andreani/Colson	Sissivirus algeromassiliense: what could be the use of its huge 4 Mbp genome?
	Jonatas Abrahao	Naiavirus: an enveloped giant virus with a pleomorphic, flexible tail
	Morgan Gaia	Egoviruses: a new order of giant viruses infecting unicellular eukaryotes in animal guts
	Vladislava Majnušová	A novel subgroup of <i>Preplasmiviricota</i> viruses endogenized in the nuclear genome of <i>Paratrimastix pyriformis</i> (Preaxostyla, Metamonada)
GEVEs	Hongda Zhao	A computational framework for detecting dsDNA viral landscape in eukaryotic genome
	Mohammed Moniruzzaman	Extensive array of endogenous giant viral elements in a polar alga shows dynamic transcriptional response to abiotic stress
	Susana Coelho	Cell-type specific latency and reactivation of a giant endogenous virus
	Carole Duchêne	Vertical inheritance and activation of latent integrated viruses in brown algae
Jim	Jim Van Etten	Highlights of 45 years of chlorovirus research
Virus Ecology	Assaf Vardi	Synergy in giant viral-bacterial coinfection expedites algal bloom demise
	Corina Brussaard	TBD
	Claire Bugnot	Revealing population heterogeneity during infection and recovery in <i>Ostreococcus tauri</i> with in situ Hybridization Chain Reaction
	Tomas Alarcon-Schumacher	Investigating viral diversity in high altitude oligotrophic lakes
Virus Diversity	Gabriel de Freitas Almeida	Nordic viruses of microbes
	John Archibald	Mirusviruses: genomic, metagenomic, and cell biological perspectives
	Tom Delmont	A nucleus-centric replication lifestyle for prevalent mirusviruses
	David Dunigan	Diversity of the chlorovirus capsid
	Dominik Lückning	A multilayered network reveals the centrality of newly discovered nucleocytoviricota, virophages, and polinton-like viruses
Virus-Host Interactions	Guy Schleyer	Lipid remodeling during viral infection of <i>Micromonas pusilla</i>
	Hugo Bisio	Evolutionarily conserved molecular grammar rules viral factories the hyperdiverse <i>Nucleocytoviricota</i> phylum
	Lotte Mayer	Spatiotemporal organization of transcription and translation is modulated by dynamic changes of Mimivirus factories
	Amir Fromm	Disentangling complex host-virus relationships in a remote alpine lake
Structural Virology	Mart Krupovic	A tribute to Dennis Bamford
	Haina Wang	A putative genome delivery system in a marine giant virus revealed by cryo-electron tomography
	Chuan Xiao	Membrane composition modulates Vp54 binding: a combined experimental and computational study
	Sheree Yau	Prasinovirus molecular architecture: insights into how the virion components informs function
Viral Biochemistry	Ben Labbel	Sialic acid modification attenuates viral infection in a cosmopolitan marine green alga
	David Lamb	Applying metabolomic approaches to understand Pandoravirus massiliensis biochemistry
	Anna Notaro	Cracking the code of pyruvylation in mimivirus: a hidden layer of viral complexity
	Cristina de Castro	TBD
Virophages	Andreani/La Scola/Colson	The first virophage isolate infecting the subfamily <i>Klosneuvirinae</i>
	Anna Koslova	Virophage integrase recognizes viral DNA via a terminal protein covalently linked to the genome
	Hiroyuki Hikida	Genetic manipulation of the Sputnik virophage
	Thomas Hackl	Virophages hijack the transcriptional machinery of giant viruses
Virus Evolution	Anouk Willemssen	Diverse evolutionary trajectories of giant viruses in amoeba hosts
	Chuan Ku	How old are giant viruses?
	Matthieu Legendre	Tracing gene birth and expression dynamics in pandoraviruses
	Yumary Vasquez	Evolutionary dynamics of giant viruses and phylogenetic framework