



Program

SciLifeLab-EMBL - Building new collaborative links

May 31, 2021, 09:00 – 13:00 (CEST) Zoom webinar

Session 1		
<i>Chair: Mia Phillipson, Co-director, SciLifeLab</i>		
09:00-09:05 (5)	Welcome words	Olli Kallioniemi, Director, SciLifeLab
09:05-09:20 (15)	Introduction to EMBL and new Programme 2022-2026	Edith Heard, Director General, EMBL
09:20-09:35 (15)	Overall plan/ strategy - SciLifeLab	Olli Kallioniemi
09:35-09:45 (10)	Announcement of signed MoU Short statements	Olli Kallioniemi, Edith Heard, Astrid Söderbergh Widding, President Stockholm University
09:45-10:00 (15)	Highlight(s) infrastructure – EMBL Imaging at all scales at EMBL	Jan Ellenberg
10:00-10:15 (15)	Highlight(s) infrastructure – SciLifeLab Spatial biology	Joakim Lundeberg
<i>5 min buffer</i>		
10:20-10:30 (10)	Break	

Session 2*Chair: John Marioni, Head of research, EMBL-EBI***Paired talks on Structural Biology**

10:30-10:50 (20) 10:30-10:40 (10) 10:40-10:50 (10)	EMBL presentation SciLifeLab presentation: <i>Elevating the molecular basis for sodium/proton exchange</i>	Thomas Schneider David Drew
10:50-11:00 (10) 10:50-10:55 (5) 10:55-11:00 (5)	EMBL presentation; <i>An integrative structural biology approach to tackle membrane remodeling</i> SciLifeLab presentation; <i>Structural studies of bioenergetic complexes</i>	Maria Garcia Alai Alexey Amunts
11:00-11:15 (15)	Discussion and Q&A	EMBL & SciLifeLab + all

Paired talks on Biology in Context

11:15-11:35 (20) 11:15-11:25 (10) 11:25-11:35 (10)	EMBL presentation; <i>Using single cell regulatory genomics to dissect cell lineages and developmental trajectories during embryogenesis</i> SciLifeLab presentation; <i>Understanding genome evolution and disease using comparative genomics</i>	Eileen Furlong Kerstin Lindblad-Toh
11:35-11:45 (10) 11:35-11:40 (5) 11:40-11:45 (5)	EMBL presentation; <i>Ethological control of morphogenetic processes</i> SciLifeLab presentation; <i>The metadegradome, investigating ribosome dynamics in complex microbial communities.</i>	Aissam Ikmi Vicent Pelechano
11:45-12:00 (15)	Discussion and Q&A	SciLifeLab & EMBL + all
12:00-12:10 (10)	Break	



Paired talks on Data-driven life science		
12:10-12:30 (20) 12:10-12:20 (10) 12:20-12:30 (10)	EMBL presentation; <i>Integrating multi-modal single-cell datasets</i> SciLifeLab presentation; <i>Using AI to squeeze the most out of multiplex tissue image analysis</i>	John Marioni Carolina Wählby
12:30-12:40 (10) 12:30-12:35 (5) 12:35-12:40 (5)	EMBL presentation SciLifeLab presentation; <i>Navigating in chemical space to find starting points for anti-virus drug discovery</i>	Anna Kreshuk Jens Carlsson
12:40-12:55 (15)	Discussion and Q&A	EMBL & SciLifeLab + all
12:55-13:00 (5)	Closing words	