

Symposium - Accelerating Spatial Biology

Organized by Cluster in Spatial Biology Technology

12th Oct, 13:00–18:00, Air&Fire, SciLifeLab

Slot: 12 min presentation + 3 min QA

13.00–14.00 – Session I – Advances in spatial biology technology

1. Welcome – Joakim Lundeberg
2. Roadmap for an excellence cluster in spatial biology – Mats Nilsson (15 min)
3. Developing next-generation spatial biology technologies – Stefania Giacomello (15 min)
4. Following cellular lineages in spatial data – Emma Andersson, Michael Ratz (30 min)

14:15–15:30 – Session II – Exploring normal and altered spatial landscapes

5. AI frameworks for spatial biology – Carolina Wählby, Joakim Lundeberg (30 min)
6. Spatial frameworks for predictive pathology – Niklas Björkström (15 min)
7. Capturing health-to-disease transitions in space – Eduardo Villablanca, Gonçalo Castelo-Branco (30 min)

15:45–16:45 – Session III – Connecting science, industry and society through spatial biology

8. Impacts and ethics of spatial biology – Pontus Strimling (15 min)
9. Establishing an ecosystem for innovation – Ida Sundström (15 min)
10. Building next-generation sustainable spatial biology industry –panel discussion (30 min)

Moderators: Mats Nilsson, Joakim Lundeberg

16.45 – 18.00 – Networking activity with drinks and snacks