

# SciLifeLab & Wallenberg National Program for Data-Driven Life Science

## Program Annual Conference

November 15 – 16, 2022

Venue: Eva & Georg Klein, Biomedicum, Solnavägen 9, 171 65 Solna or

Online participation; Zoom link will be sent out upon registration

### Tuesday, November 15

- 11:45 **Registration onsite**  
Wraps and Coffee. Please be seated by 12:30.
- 12:30 **Welcome**  
Tuuli Lappalainen, KTH/SciLifeLab, member DDLS Steering Group
- DDLS update**  
Olli Kallioniemi, Director SciLifeLab
- 13:00 **Keynote: Samuli Ripatti**, University of Helsinki.  
*Genetic variation and risk of common diseases over the life course*
- 13:45 **Coffee break**
- 14:15 **DDLS Fellow Talk: Tom van der Valk**, Museum of Natural History  
*Environmental DNA in the genomic decade*
- 14:35 **Infrastructures for data-driven life science**  
Johan Rung, SciLifeLab Data Centre  
*SciLifeLab Data Centre*
- 14:45 Ola Spjuth, SciLifeLab Data Centre  
*Managing the life cycle of AI models and apps*
- 15:00 Matts Karlsson, Linköping University  
*NAIS, Berzelius and the road ahead*
- 15:15 **Poster Lightning talks** (1 minute per poster)  
**Poster session** with snacks and beverages
- 17:30 End of Day 1

### Wednesday, November 16

- 09:00 **Keynote: Cecilia Clementi**, Freie Universität Berlin  
*Designing molecular models with machine learning and experimental data*
- 09:45 **DDLS Fellow Talk: Johan Bengtsson-Palme**, Chalmers University of Technology  
*Understanding the Evolution of Pathogenicity: Predicting and Preventing the Disease Threats of the Future*
- 10:05 **Announcement of Poster prizes**
- 10:15 **Coffee break and posters**

- 10:45 **DDLS Fellow Talk: Tobias Andermann**, Uppsala University  
*Big data approaches for assessing biodiversity value and potential*
- 11:05 **DDLS Fellow Talk: Fredrik Edfors**, Royal Institute of Technology, KTH  
*Harnessing the promise of next-generation plasma profiling for pan-cancer diagnostics*
- 11:25 **DDLS Fellow Talk: Clemens Wittenbecher**, Chalmers University of Technology  
*Metabolomics profiling generates candidate biomarkers for precision nutrition approaches*
- 11:45 **Panel discussion: Training in Data-Driven Life Science**  
Chair: Carolina Wählby, Uppsala University  
Panelists:
- Leslie Solorzano Vargas, postdoc. at KI,
  - Nina Norgren, coordinator for DDLS education and training, Umeå University
  - Krzysztof Jurdzinski, PhD student at KTH
  - Daniel Gedon, PhD student at UU
- 12:30 **Joint conference lunch**

### **DDLS Annual Conference Poster session**

Lightning talk and Poster session. The lightning talk is 1 minute and will be strictly timed. No slides.

### **DDLS Annual Conference Best Poster Award**

The Best Poster Award encourages the submission and exhibition of high-quality posters carried out by young scientists, including PhD students, post-doctoral researchers, etc. The poster should be on a topic related to data-driven life science.

The Prize, based upon the decision of a Scientific Committee-appointed Jury, consists of a certificate and a travel grant of up to 5 000 SEK. The travel must be booked and ordered through the DDLS Support team and follow the regular University travel policy. The trip should be completed before 2023-12-31.

### **More information**

[DDLS Annual Conference, events@scilifelab.se](mailto:events@scilifelab.se)

[SciLifeLab & Wallenberg National Program for Data-Driven Life Science](#)

*Program updated 2022-11-12\_v3*