

SciLifeLab Day Umeå

11.SEP.2023



Program

Session 1:

Research Infrastructure in Umeå
Rotundan, Universum, Umeå University

8.30 **Registration and coffee**

9.00 **Welcome and introduction to Life Science research infrastructure in Umeå**

Katrine Riklund, *Pro-Vice-Chancellor Umeå University*

9.10 **Umeå research infrastructure presentations**

Hans Stenlund – *Metabolomics and bioinformatics*

Stina Berglund Fick – *Chemical biology*

Richard Palmqvist – *Genomics and diagnostics*

Michael Hall – *Molecular structure*

Sara Henriksson – *Bioimaging and correlative microscopy*

10.20 **Facility Tours**

Session 2:

SciLifeLab's capabilities – Research, lunch and networking

Three parallel sessions - Lunch sandwich and refreshements are served in connection to each seminar.

11.00-13.00 **Pandemic Laboratory Preparedness**

Universitetsklubben

11.00-13.00 **Precision Medicine**

Rotundan

11.00-13.00 **Planetary Biology**

Glasburen

Session 3:

Research highlights and launch of the SciLifeLab site Umeå

Aula Nordica & Brashörman, Universum

13.00 **Registration and Coffee**

13:30 **SciLifeLab as a National Research Infrastructure for Life Science**

Olli Kallioniemi, *Director SciLifeLab*

Mia Phillipson, *Co-director SciLifeLab*

Annika Jenmalm Jensen, *Infrastructure Director SciLifeLab*

13:50 **Presentation of Umeå SciLifeLab group leaders**

Anna Arnqvist, *Associate Dean for research, Umeå University*

14:00 **Virus-host cell interactions. Implications for tropism, treatment, and targeting**

Niklas Arnberg, *Department of Clinical Microbiology, Molecular Infection Medicine Sweden (MIMS), Umeå University*



Scan for more information about the Program

Session 3 (continuation):

Research highlights and launch of the SciLifeLab site Umeå

Aula Nordica & Brashörnan, Universum

14:15 Electron microscopy methods to study cytoskeleton structure and assembly

Linda Sandblad, *Department of Chemistry, Molecular Infection Medicine Sweden (MIMS), Umeå University*

14:30 Bacterial cell wall homeostasis and plasticity: from fundamentals to antimicrobial targeting

Felipe Cava, *Department of Molecular Biology, Molecular Infection Medicine Sweden (MIMS), Umeå University*

14:45 Biotechnology in a forestry industry context – current and future applications

Anna Karlberg, *Vice President Forest R&D, Stora Enso*

15:05 Research infrastructure poster session, cake & drinks

Mingle and cakes for everyone

15:50 The Data-driven life science (DDLs) research program

Oliver Billker, *Director Molecular Infection Medicine Sweden (MIMS), Department of Molecular Biology, Umeå University*

16:00 Isolating adaptive variation from natural forest trees

Kelly Swarts, *Umeå Plant Science Centre, Swedish University of Agricultural Sciences*

16:15 Performance by Nordcirkus

16.25 Introduction of WCMM research program

Pernilla Wikström, *Department of Medical Biosciences, Co-Director Wallenberg Centre for Molecular Medicine (WCMM), Umeå University*

16:35 Targeting tumor-stromal interactions in pancreatic cancer

Daniel Öhlund, *Department of Radiation Sciences, Wallenberg Centre for Molecular Medicine (WCMM), Umeå University*

16:50 Closing Words

Venue:



Rotundan
Umeå University
Universums gränd 4
901 87 Umeå

Scan to find a map of the Umeå University campus

