MINI-SYMPOSIUM

Explore data center infrastructures and AI models in Life Science research, education and funding opportunities

10 December 2025, 9:00–12:00
Hörsal MIT.A.121

Hosted by the Department of Molecular Biology

UMEÅ UNIVERSITY

PROGRAM

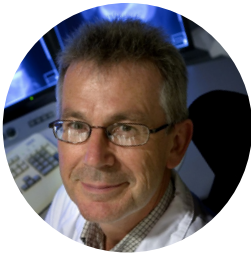**9:00-9:10 Registration and coffee**

9:10-9:15 Welcome remarks

MATTHEW FRANCIS, Professor, Head of the department of Molecular Biology, Umeå University.

9:15-9:20 Medical Faculty's AI Council and its Strategic Partnerships with National and International Institutions

JENNY PERSSON, Professor, Chair of the AI Council at the Faculty of Medicine (MAI), Umeå University; Coordinator of the National AI in Medicine Network.

Chair of the first session: Jenny Persson

9:20-10:00 Building the European Agora: Informatics, Standards, and Governance for Intelligent Health Systems and Data Science Efforts.

LARS LINDSKÖLD, President of European Federation for Medical Informatics (EFMI)/the Swedish Association for Medical Informatics (SFMI)/ScilifeLab Data Center.

10:00-10:30 AI for the future at the Research Institutes of Sweden - lessons learned in AI innovation and being competitive for funding opportunities.

JOAKIM BÖRJESSON, Director of Digital Health, Section Head in AI projects in Life Science and Medicine, the Swedish Research Institute.

10:30-10:45 Coffee Break

Chair of the Second Session:

Oliver Billker, Director of Molecular Infection Medicine Sweden (MIMS).

10:45-11:15 The Importance of AI Strategies and Emerging Technologies to Support Research and Healthcare Infrastructure

ELIA LIMA-WALTON, MD, PA, Principal Product Manager Health Care Generative AI. Driving transformative ML/NLP and GenAI strategies in Mayo Clinic's research, education and clinical practice. Mayo Clinic, NC, USA.

11:15-11:35 PREDICT - a case cohort of health data and biomarkers of 50,000 individuals. How do we arrange data for machine-driven analyses.

BEATRICE MELIN, Professor of Oncology, Director of the PREDICT Data Bank infrastructure, Umeå University. Director of Research Development and Innovation, Region Västerbotten.

11:35-11:50 Infrastructure in AIM North, and large datasets in medicine and health via digital infrastructure

FREDRIK ÖHBERG, Associate Professor, Department of medicine tech-niques, MAI, Umeå University.

11:50–12:00 Conclusion Remarks

Matthew Francis, Head of the department of Molecular Biology, Umeå University.

12:00-13:00 Lunch in Sirius

Simple lunch for those who pre-registered, available in room UNI Galaxen - Sirius.