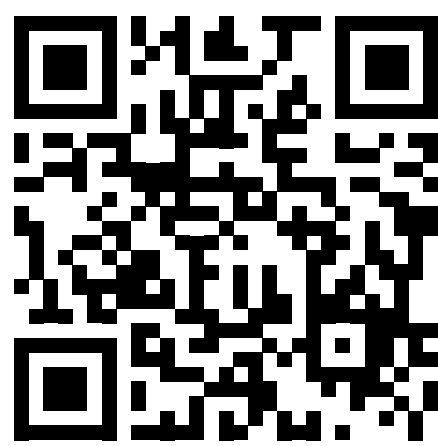


AI IN PRECISION MEDICINE

– latest development
and future directions

Mini-Symposium 26 May, 2025
HS Auditorium, Faculty of Health
and Society, Malmö University
Jan Waldenströms gata 25



Register here



Hosted by Malmö University,
Region Skåne and the AI council of the
Faculty of Medicine, Umeå University

AI IN PRECISION MEDICINE

- latest development
and future directions

Mini-Symposium 26 May, 9:00–12:20
HS Auditorium, Faculty of Health
and Society, Malmö University
Jan Waldenströms gata 25



9:20–10:00

Unleashing the power of synthetic data generation to transform AI in healthcare

Dimitros I. Fotiadis, Unit of Medical Technology and Intelligent Information Systems, University of Ioannina & FORTH



10:00–10:20

Building a national clinical database for precision medicine, allowing for AI applications – integrated omics and examples from oncology and rare disease

Anders Edsjö, Section Head, Clinical Pathology, Region Skåne, Department of Clinical Genetics, Pathology and Molecular Diagnostics, Lund, Sweden



10:50–11:10

AI models based on omics data for prediction of context-specific pathway activities

Cemal Erdem, Department of Medical Biosciences, SciLifeLab – Wallenberg National Program for Data-Driven Life Science, Umeå University

AI IN PRECISION MEDICINE

- latest development
and future directions

Mini-Symposium 26 May, 9:00–12:20
HS Auditorium, Faculty of Health
and Society, Malmö University
Jan Waldenströms gata 25



11:10–11:30

AI Lund – a university wide network for AI

Karl Åström, Professor, Director of AI-LUND, Centre for Mathematical Sciences, Faculty of Engineering (LTH)



11:30–11:50

Towards personalised medicine with Internet of Things and Wearable devices

Dario Salvi, Associate Professor in Computer Science, Malmö University



11:50–12:10

Stepping up qualitative analysis and accounting for psychosocial factors in medical research and practice: transdisciplinary AI methods, applications and perspectives

Lois Vanhée, Co-director of the Centre for Transdisciplinary AI, Coordinator of the Socially Aware Artificial Intelligence Focus Area and of the Special Interest Group on Models of Human Decision, Department of Computing Science, Umeå University