



STorM Retreat

Linköping

August 26-27 2026



Program

August 26

- 10:00-12:00 Registration
- 12:00-13:00 Lunch
- 13:15-13:30 Introduction, STorM organizing committee
- 13:30-13:45 Bioelectronic implants for in situ tumor treatment, Theresia Arbring Sjöström, LiU
- 13:45-13:55 National Academic Infrastructure for Supercomputing in Sweden, Joel Hedlund, LiU
- 13:55-14:45 Invited speaker, Innate Immunity and the Tumor Microenvironment, Tracy McGaha, Canada
- 14:45-15:15 Coffee and poster mounting
- 15:15-15:45 Selected abstracts,
 - Parallel lymphatic injury and tumor-induced stromal reprogramming drive immune dysfunction in pancreatic ductal adenocarcinoma lymph nodes, Maria Ulvmar, UU
 - Selected abstract, Neutrophil regulation of Immunotherapy for cancer is controlled by Type II interferon, Mikael Karlsson, KI
- 15:45-16:15 Flash talks,
 - From characterisation of cancer-associated fibroblasts to the identification of interesting candidates related to extracellular matrix in pancreatic ductal adenocarcinoma, Karin Hansson, LU
 - Improving neuroblastoma differentiation therapy using combinatorial single-cell CRISPR screens, Myra Ahlmén, KI/SciLifeLab
 - ABL dependent mechanotransduction regulates myofibroblast tumor promoting function in pancreatic cancer, Anastasia Knyazeva, UmU
 - Pan-cancer atlas of cellular architecture reveals a nearest-neighbor distance-driven biomechanical-immune axis involving CD4+ memory T cells, Linglong Hung, KI
- 16:15-18:00 Poster session and mingle, Belvederen
- 18:30 Bus leaves for dinner



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August 27

- 08:30-08:45 Clinical and Translational Research and Opportunities, Per Sandström, Linköping Comprehensive Cancer Center
- 08:45-09:00 Research Infrastructure, SciLifeLab Linköping & Clinical Genomics
- 09:00-09:50 Invited speaker, Characterization of the tissue microenvironment using multiplexed imaging data, David Fenyö, NYU, USA and WCMM, LU
- 09:50-10:05 Selected abstract, Development of a signature based approach to infer tyrosine kinase activity in cancer from transcriptomic data, Daniel Reed, LU
- 10:05-10:30 Coffee mingling
- 10:30-10:45 Zeiss, AI- and hardware solutions for spatial biology
- 10:45-12:15 Selected abstracts,
 - Metabolic adaptation in the TME: Lipid sequestration, immune reprogramming, and ferroptosis resistance, Mattias Belting, LU
 - Organ-on-a-chip modelling of innervated and vascularized oral cancers, Pierfrancesco Pagella, LiU
 - Understanding the interplay between neutrophils and extracellular vesicles in cancer and metastasis, Loic Steiner, LiU/Weill Cornell Medicine
 - The impact of LAMA4 expression in human mesenchymal stem cells on the chemoresistance of Acute Myeloid Leukemia, Alexander Käll, KI
 - Impact of tissue-specific immune microenvironments on the response to NDV-Flt3L in situ vaccination in a murine model of disseminated B cell lymphoma, Karthi Duraisamy, LiU
 - A snapshot of the melanoma tumor microenvironment from patients treated with PD-1 blockade as neoadjuvant therapy, Florian Jeanneret, LU
- 12:15-12:45 Poster Awards & Wrap up, STorM organizing committee
- 13:00 Lunch