This 3-day virtual symposium covers basic, translational and clinical cancer research related to cellular and molecular profiling for precision cancer medicine, immune cells as functional and prognostic tools, and tumor immune landscapes in a clinical setting.
Wednesday 19 May

Presentation and award ceremony of the Dan Grandér Memorial Award
13.00  
*Lars Holmgren and Jonas Grandér*

13.15  
*Awardee Jiayao Lei*, Department of Laboratory Medicine and Medical Epidemiology and Biostatistics, KI: *Prevention and prognosis of cervical cancer*

Welcome words
14.00  
*Lars Holmgren*, Head of Department of Oncology-Pathology

Session 1  
**Cellular and molecular profiling for precision cancer medicine**
*Introduction by chairs: Andreas Lundqvist and Päivi Östling*

14.15 - 14.45  
**Berend Snijder**, ETH, Zurich, Switzerland.  
*Personalized cancer treatment discovery by AI-driven Pharmacoscopy*

14.45 - 15.15  
**Ana Vivancos**, Vall d’Hebron Institute of Oncology, Barcelona, Spain.  
*Evolving landscape of molecular prescreening strategies for oncology early clinical trials*

15.15 - 15.45  
**Felix Hartmann**, Stanford University, Palo Alto, USA  
*Single-cell proteomics and multiplexed imaging to reveal metabolic regulation of anti-tumor immunity*

15.45 - 16.15  
Panel discussion

Thursday 20 May

Session 2  
**Immune cells as functional and prognostic tool**
*Introduction by chairs: Charlotte Rolny and Ola Larsson*

14.00  

14.15 - 14.45  
**Karin de Visser**, Netherlands Cancer Institute, Amsterdam, Netherlands  
*Dissecting cancer cell-intrinsic mechanisms dictating the immune landscape of metastatic breast cancer*

14.45 - 15.15  
**Jo Van Ginderachter**, Vrije Universiteit Brussel, Belgium  
*Single-cell profiling of myeloid cells in glioblastoma across species and disease stage reveal macrophage competition and specialization*

15.15 - 15.45  
**Michele de Palma**, Swiss Federal Institute of Technology, Swiss Institute for Experimental Cancer Research, Lausanne, Switzerland  
*Overcoming microenvironmental resistance to PDL1-PD1 blockade in lung cancer*

15.45 - 16.15  
Panel discussion

Friday 21 May

Session 3  
**Tumor immune landscapes in a clinical setting**
*Introduction by chairs: Kristina Viktorsson and Simon Ekman*

14.00  

14.15 - 14.45  
**Patrick Micke**, Uppsala University, Uppsala, Sweden  
*Immunoprofiling by mIHC on Non-small cell lung cancer*

14.45 - 15.15  
**Paolo Ascierto**, Instituto Nazionale Tumori IRCCS Fondazione "G. Pascale", Napels, Italy  
*Malignant melanoma treatment – New combinations to overcome resistance*

15.15 - 15.45  
**Priscilla Brastianos**, Massachusetts General Hospital, Harvard Medical School, Boston, USA  
*Genetic heterogeneity in brain metastasis - implications for precision medicine*

15.45 - 16.15  
Panel discussion