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## *4th Scandinavian Seminar on Translational Pathology*

Solstrand, October 23-24, 2019 (Bergen - Norway)

### Preliminary Scientific Program

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#### Day 1:      **Wednesday – October 23, 2019**

09:00-10:00      Registration and Coffee  
10:00-10:15      Welcome and Introduction: **Lars A. Akslen & Arne Östman**

#### **Chair session 1: Elisabeth Wik**

10:15-10:45      **Karin Jirström:** Therapeutic pathology: time to move on  
10:45-10:57      **Astrid Børretzen:** Epithelial mesenchymal plasticity in aggressive prostate cancer  
10:57-11:09      **Cecilie Askeland:** Stathmin expression associates with BRCA1 germline mutations, a basal-like phenotype and features of aggressive breast cancer  
11:09-11:21      **Max Backman:** Concepts of immunity in cancer: oases in the desert  
11:21-11:33      tba  
11:33-11:45      **Anna Sæle:** GATA3 expression in relation to immune response and aggressive breast cancer phenotypes  
11:45-11:57      **Marc Rassy:** Can routine Next Generation Sequencing help favor a specific tumor origin?  
11:57-12:12      Company presentation by **Roche Diagnostics: Claire Faure:** Precision medicine for cancer patients: technologies to leverage the increasing expertise of pathologists

#### **12:12-13:30      LUNCH**

#### **Chair session 2: Carina Strell**

13:30-14:00      **Teijo Pellinen:** Multiplexed imaging of the tumour microenvironment  
14:00-14:15      **Marius Lund-Iversen:** Correlation between serum levels and tissue expression of proGRP  
14:15-14:30      **Olga Surova:** In situ sequencing for visualization of tumor heterogeneity  
14:30-14:45      **Kenneth Finne:** Distinct hypoxia response in luminal-like and basal-like breast cancer  
14:45-15:00      **Artur Mezheyeuski:** Immune landscape in colon and rectal cancers  
15:00-15:15      Company presentation by **Nanostring: Line Berlick:** GeoMx™ Digital Spatial Profiler  
Morphological context and high-plex protein or RNA expression data – now possible from just one FFPE slide

## 15:15-15:45 COFFEE & CROSSTALK

### Chair session 3: Kenneth Finne

- 15:45-16:00 **Björn Gylling:** Cachexia, sarcopenia and infiltration of CD3+ and CD8+ T-lymphocytes in CRC
- 16:00-16:15 **Mercedes Herrera Torres:** Fibroblast heterogeneity in CRC
- 16:15-16:30 **Carina Strell:** Stromal PDGFRb as predictive marker for benefit from postoperative radiotherapy in ductal carcinoma in situ and early stage invasive breast cancer
- 16:30-16:45 **Johanna Arola:** Nation wide cohort of rare tumors collected from hospital biobanks
- 16:45-17:00 **Marit Valla:** Artificial intelligence in pathology
- 17:00-17:15 **Sverre Torp:** ErbB receptor expression in human meningiomas
- 17:15-17:30 Company presentation by **Akoya:** tba

## 18:15-19:15 POSTERS

## 19:15 DINNER

## Day 2: Thursday – October 24, 2019

### Chair session 4: Reidunn Edelmann

- 09:00-09:30 **Fredrik Pontén:** The Human Protein Atlas - implications for human biology and precision medicine
- 09:30-09:45 **Cecilia Lindskog:** title tba
- 09:45-10:00 **Elin Richardsen:** MicroRNAs in prostate cancer - a multicenter study
- 10:00-10:15 **Anna Dimberg:** Vascular abnormalities in glioma
- 10:15-10:30 tba
- 10:30-10:45 Company presentation by **Aiforia: Sami Blom:** Deep Learning image analysis for pathology without the need of coding or data science

## 10:45-11:15 COFFEE & CROSSTALK

### Chair session 5: Patrick Micke

- 11:15-11:45 **Elisabeth Wik:** Two stories: Nerves and vasculature in breast cancer, and breast cancer of the young
- 11:45-12:00 **Balazs Acs:** Artificial intelligence as the next step towards precision pathology
- 12:00-12:15 **Sebastian Lundgren:** Quantitative, qualitative and spatial analysis of the immune landscape in periampullary and pancreatic adenocarcinoma
- 12:15-12:30 **Xinsong Chen:** Patient-derived whole-tumor cell culture as a platform for breast cancer therapy response prediction
- 12:30-12:35 **Monica Nistér:** The Swedish childhood tumor biobank – an update
- 12:35-12:50 **Maxime Garcia:** Sarek, a workflow to detect germline and somatic mutations in WGS/WES.
- 12:50-13:05 Company presentation by **Fluidigm: Olga Karpus**
- 13:05-13:10 **Closing remarks**

## 13:10 LUNCH & GOODBYE