



Suomen Solubiologit r.y.  
The Finnish Society for Cell Biology

The Finnish Society for Cell Biology  
**50<sup>th</sup> Anniversary Seminar:**  
Towards smarter care and health innovations using cell biology

Friday 15<sup>th</sup> March 2024

Ambiotica Lecture Hall YAA303, Ylistönrinne  
Survontie 9c, 40500 Jyväskylä

Programme

14:00-14:10 Opening of the seminar, Johanna Matilainen

**Session I Challenges of health communication**

Chair: Johanna Matilainen

14:10-14:45 Academy Research Fellow **Tuomas Aivelto** (University of Helsinki): “*Not the Red Queen – human-parasite relationships have changed, are changing and will change*”

14:45-15:15 Senior Research Scientist **Pauli Ohukainen** (Oura Health, Tervettä Skeptisyyttä Oy): “*Black Holes of The Information Space - A Health Communicator's Guide To The Galaxy*”

15:15 – 16:00 Coffee break and exhibitions

**Session II Artificial intelligence in cell biology research and healthcare**

Chair: Elina Siljamäki

16:00-16:25 Adjunct Professor **Leena Latonen** (University of Eastern Finland): “*How can AI improve cell biology in research and health care?*”

16:25-16:50 Academy Research Fellow **Lassi Paavolainen** (Institute for Molecular Medicine Finland): “*Image-based cancer profiling with self-supervised AI*”

16:50-17:15 Adjunct Professor **Juha Väyrynen** (University of Oulu): “*Spatially Resolved Immune Profiling of Colorectal Cancer*”

**Session III Young scientists as future pioneers in cell biology**

Chair: Anna Aalto

17:25-17:40 Doctoral Researcher **Sonja Koivukoski** (University of Eastern Finland): “*Unstained tissue imaging and virtual HE-staining of histological whole slide images*”

17:40-17:55 Winner of the Master's Thesis award: Doctoral Researcher **Veera Luukkonen** (Åbo Akademi University): “*Detection of methionine 1-linked ubiquitin chains in intestinal inflammation and cancer models*”

17:55 Closing remarks

18:00 → Anniversary Dinner in the Restaurant Ylistö (for the registered participants)