



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

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

Friday 15th 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 Aivelo** (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)