

# Infrastructures and AI-based tools promoting high-quality research with mouse models

networking event organized by  
FinGMice network



**Tue 29.8.2023 at 9-16, Osmo Järvi Lecture Hall, University of Turku**

- 9.00 Welcome words, Matti Poutanen, University of Turku  
9.10 FinGMice; tools for successful science, Reetta Hinttala, University of Oulu  
9.30 Turku Center for Disease Modeling (TCDM) services Petra Sipilä, University of Turku  
10.00 Coffee  
10.30 How many Rs do we need for using research animals ethically? Vootele Voikar, University of Helsinki  
11.00 FinnDisMice project, Satu Kuure, University of Helsinki  
11.20 Visiopharm AI based image analysis tools for quantification in histological tissue samples, Lars Pedersen, Visiopharm  
11.40 Visiopharm analysis of pulmonary fibrosis, Anne Heikkinen, University of Oulu  
12.00 Lunch (at your own cost)

## How to get most out of your mouse model using AI-based image analysis?

- 13.00 Short introductions to the topic:
- ✓ Guillaume Jacquemet, ÅA -Using AI for bioimage analysis
  - ✓ Juho-Antti Mäkelä, UTU - AI/ML case report: Developing STAGETOOL, an automated approach to tackle an old research bottleneck
  - ✓ Pekka Ruusuvuori, UTU - AI/ML studies done for mouse histology images
  - ✓ Pasi Kankaanpää, TBI - Turku BioImaging services and activity in AI-based image analysis
  - ✓ Lassi Paavolainen, UH - Multiplexed tissue image profiling using AI
- 14.30 Coffee  
15.00 Panel discussion  
16.00 Closing words



**Coffee and networking**

Please register: <https://link.webropol-surveys.com/S/B099BBEC46D6AF72>.



More information

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