

3D-FLUOHISTO

Novel 3D histology solutions for life science, pharma and biotech

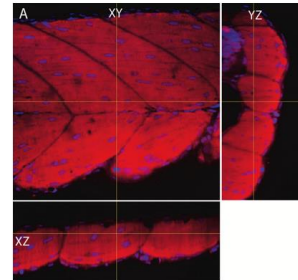
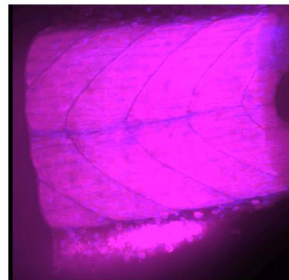
Histology is the study of tissue anatomy and its applications include clinical diagnosis, drug screening, toxicology and medical research to name a few. Current histological methods were invented decades ago and are slow, expensive, prone to errors, and they have a low throughput.

3D-FLUOHISTO tackles all these challenges by bringing the latest technology to enable advanced approach for tissue analysis in the means of providing leading 3D histology analysis services. It is our mission to provide life science, pharma, biotech and hospitals remarkably efficient and accurate solutions by leveraging 3D histology. Instead of analyzing just one slide of the tissue sample, 3D-FLUOHISTO enables access to the whole organ. No tissue data is lost!

TRADITIONAL HISTOLOGY:
one snapshot of the organ section



3D HISTOLOGY:
access to the whole organ



COMPETITIVE ADVANTAGE

- 10x faster, multi-fold better resolution, more reliable and more sensitive than traditional histology
- Automatizable protocol for scalable and cost-effective services
- 3D-FLUOHISTO is the only technique applicable for general 3D tissue morphology analysis in the field of histology

SEARCHING FOR

- Investors
- Networks from pharma, biotech and histology industries



Ilkka

Miika

Team members

Ilkka Paatero, Scientific lead
Miika Niemeläinen, Jr. Business Developer
+ Project researcher

Marjo Pihlavisto, IP & commercialisation
Mari Madetoja, Sr. Business Developer
Jouko Sandholm, Microscopy expert
Johanna Ivaska, Professor of cancer biology
Michael Courtney, Lab automation

Project leader

Ilkka Paatero,
PhD, Principal Investigator
University of Turku
ilanpa@utu.fi

