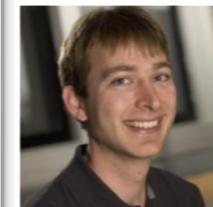
A grayscale microscopic image of biological tissue, likely plant cells, showing a regular arrangement of small, circular cells. Several larger, irregularly shaped water droplets are scattered across the surface, some resting on the cells and others in the intercellular spaces. The overall texture is somewhat mottled and organic.

TOMOGRAPHY OF BIOLOGICAL SAMPLES

LINXS IMAGING WORKING GROUP

MEMBERS

- MARTIN BECH (LU, N-FAK)
- HANNA ISAKSSON (LU, LTH)
- SONJA AITS (LU, MED-FAK)
- GEATANO PERCHIAZZI (UU, MED-FAK)
- OXANA KLEMENTIEVA (LU, MED-FAK)
- RAJMUND MOKSO (LU, MAX IV)



Martin Bech



Sonja Aits



Oxana
Klementieva



Hanna Isaksson



Gaetano
Perchiazzi

PLANNED CONTENT

- WE AIM/FOCUS ON ENLARGING THE POSSIBLE USER COMMUNITIES IN TBS
- SELECTING A FEW CASES/AREAS THAT ARE ATTRACTIVE TO THE BIOLOGICAL/MEDICAL COMMUNITY, AND HOSTING FIRSTLY 1 DAY WORKSHOP WITH THE FOLLOWING DIFFERENT FOCUSES
 - MUSCULOSKELETAL TISSUES 1 DAY
 - RESPIRATORY SYSTEM 1 DAY
 - NERVOUS, BRAIN AND VASCULAR SYSTEM 1 DAY
 - AMYLOID ?

ACTIVITY – 2 YEAR PLAN

- INITIAL MEETING – AUGUST 20, 2019
- KICK-OFF MEETING – SEPTEMBER 6, 2019
- WORKSHOPS FALL 2019 – SPRING 2020
- HACKATHONS FALL 2020 – SPRING 2021

PLANNED ACTIVITY

- THE GOAL OF EACH WORKSHOP IS TO GET PEOPLE TOGETHER, AND GET THEM INTERESTED IN APPLYING FOR BEAMTIME AND FUNDING TO WORK WITH SYNCHROTRON EXPERIMENTS
 - HALF DAY OF EACH WORKSHOP WILL BE INSPIRATIONAL !
 - HALF DAY OF EACH WORKSHOP WILL BE DEDICATED TO ANALYSIS PIPELINES
- FOR EACH WS WE AIM TO INVITE 2-3 EXPERTS
- THE FOLLOWUP ACTIVITIES (BASED ON THE INTEREST FROM THE PARTICIPANTS)
- DEDICATED BEAMLINE APPLICATION WORKSHOP ("PROPOSAL HACKATHON")
- DATA ANALYSIS HACKATHON ARRANGED WITHIN THE IMAGING SCOPE OF LINXS.