

The background of the slide is a composite image. It features a dark, textured surface with a grid of small, light-colored circles, resembling a honeycomb or cellular structure. Overlaid on this are several translucent, realistic-looking water droplets of various sizes, some with highlights and shadows, giving them a three-dimensional appearance. The overall color palette is dark, with shades of grey, black, and white, accented by the light tones of the droplets and the grid.

# 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 ?
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## 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
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# 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 INPIRATIONAL !
    - 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.
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