FOR THE MANY

NOT THE FEW

Some Hardware

Abberior STED

Dual Channel Rescue STED

Resolution
2D 20 x 20 x 500 nm
3D 80 x 80 **x 90** nm

RESOLFT Live Cell Option

Zeiss SD LSM

4 Channel
Dual camera (Sensitiv & Fast)

20 fps full resolution
Z-Stack
Long-term (> 24 h) imaging
Hypo- & Normoxic Condition

Leica CLSM

5 Channel

Fast Resonant Scanner
PMT & HyD Detectors
Hypo- & Normoxic Condition

Zeiss Spectra Physics MP

680 – 1300
& 1040 MP Laser
Penetration depth
Up to 800 µ
Objective Backplane NDDs, Airyscan

Leica Dmi8 Widefield

2 Infinity Ports

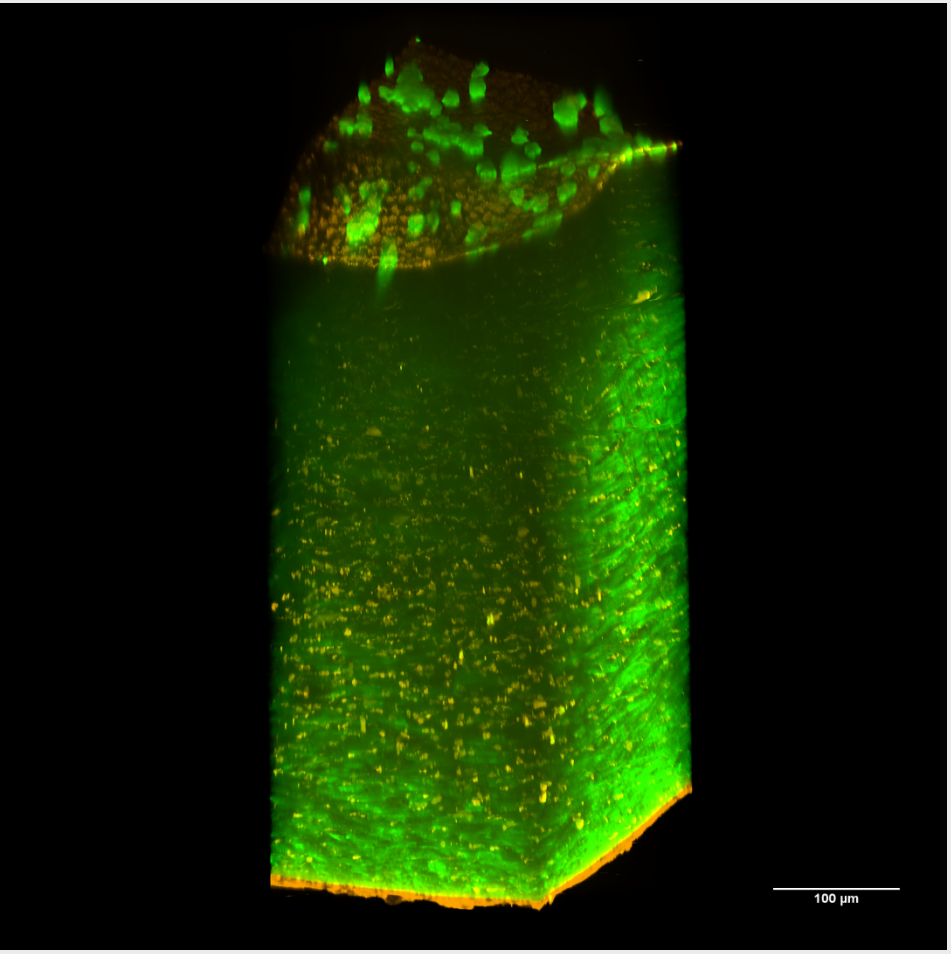
(Ablation) TIRF Set-Up
FLIM Option
Multi-Mode Laser Input

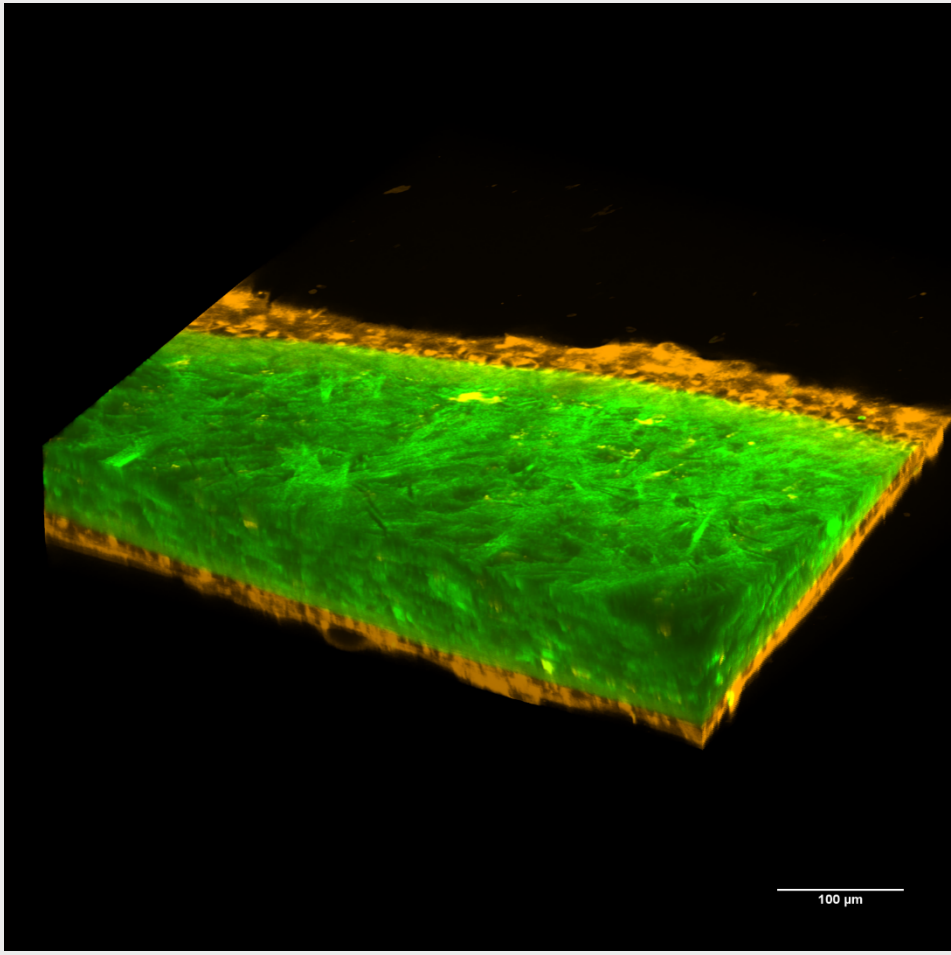
LaVision UltraMicroscope II

Bi-Directional LightSheet

3 Light Sheets
sCMOS 2560x2160
100fps@ full frame
Aqueous & Organic

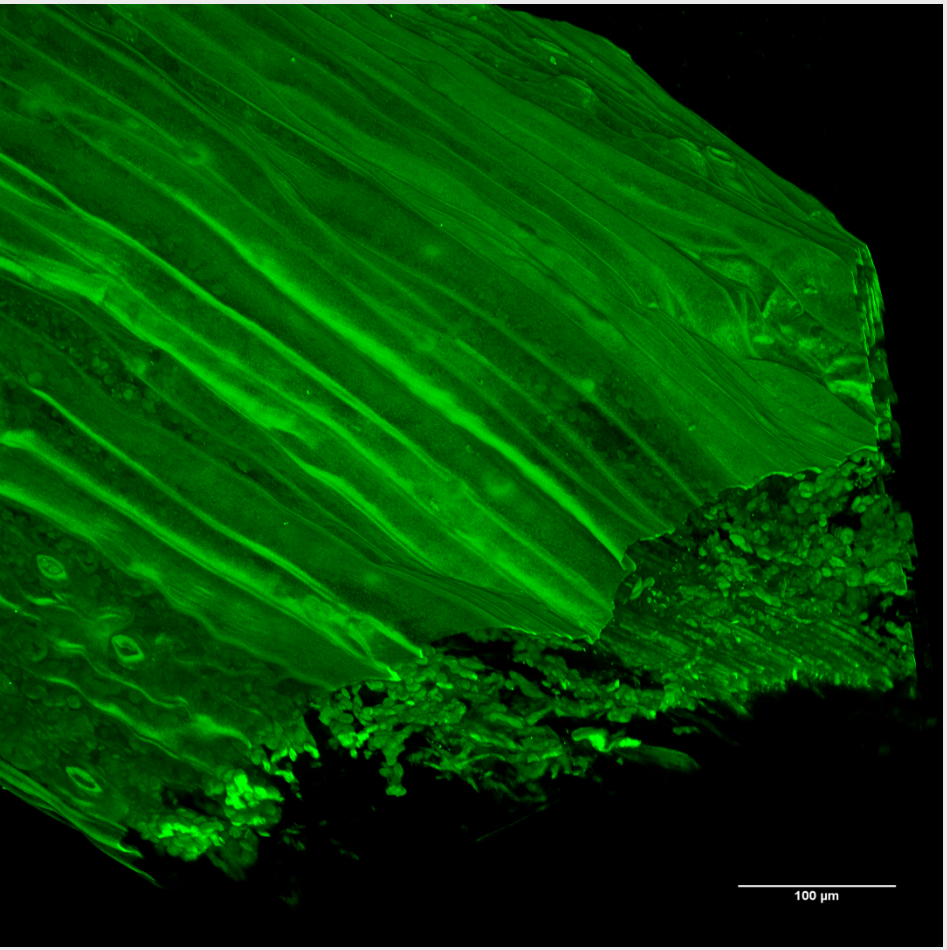
Multi-Photon Imaging of Human Cornea



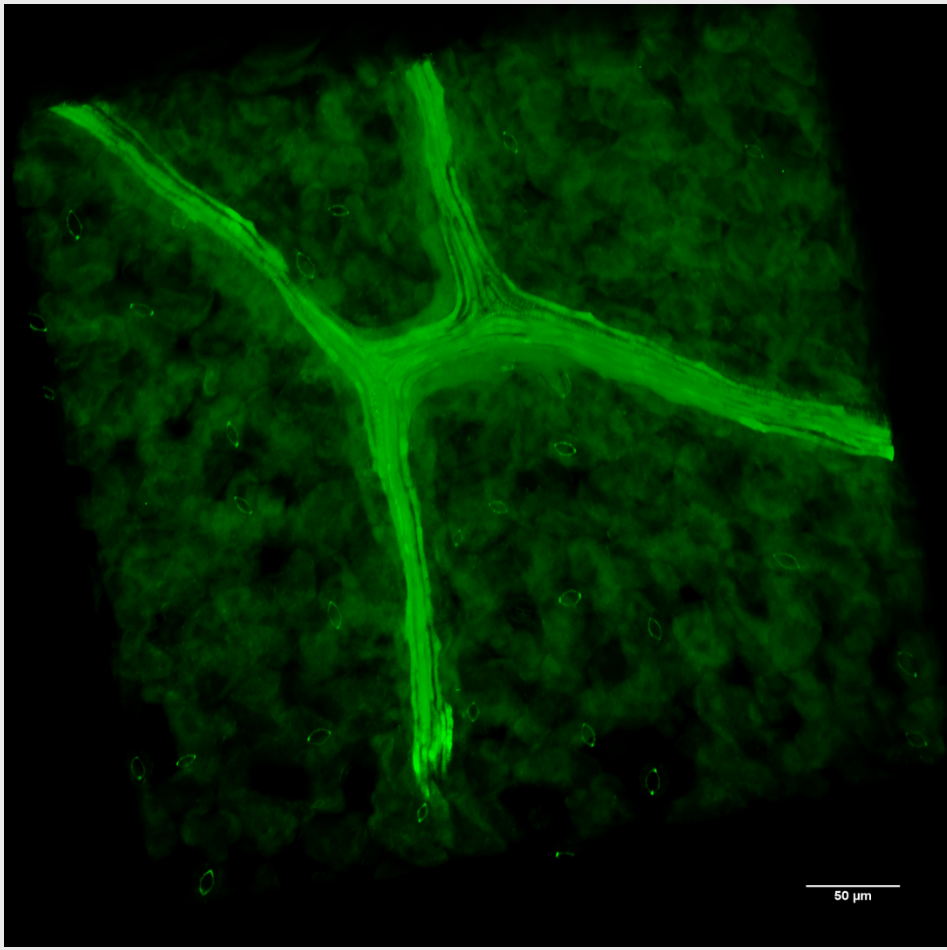


Arabidopsis thaliana

Intravital Imaging of Cleared Plant Tissue

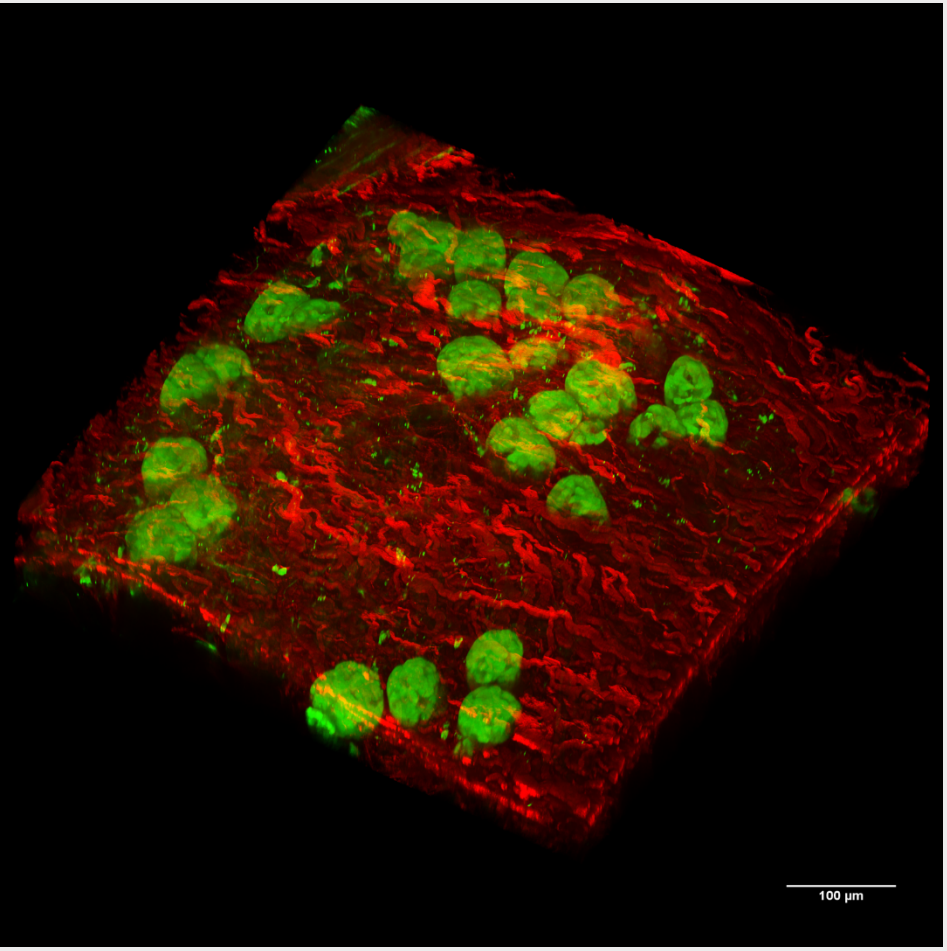


3D Stem Reconstruction



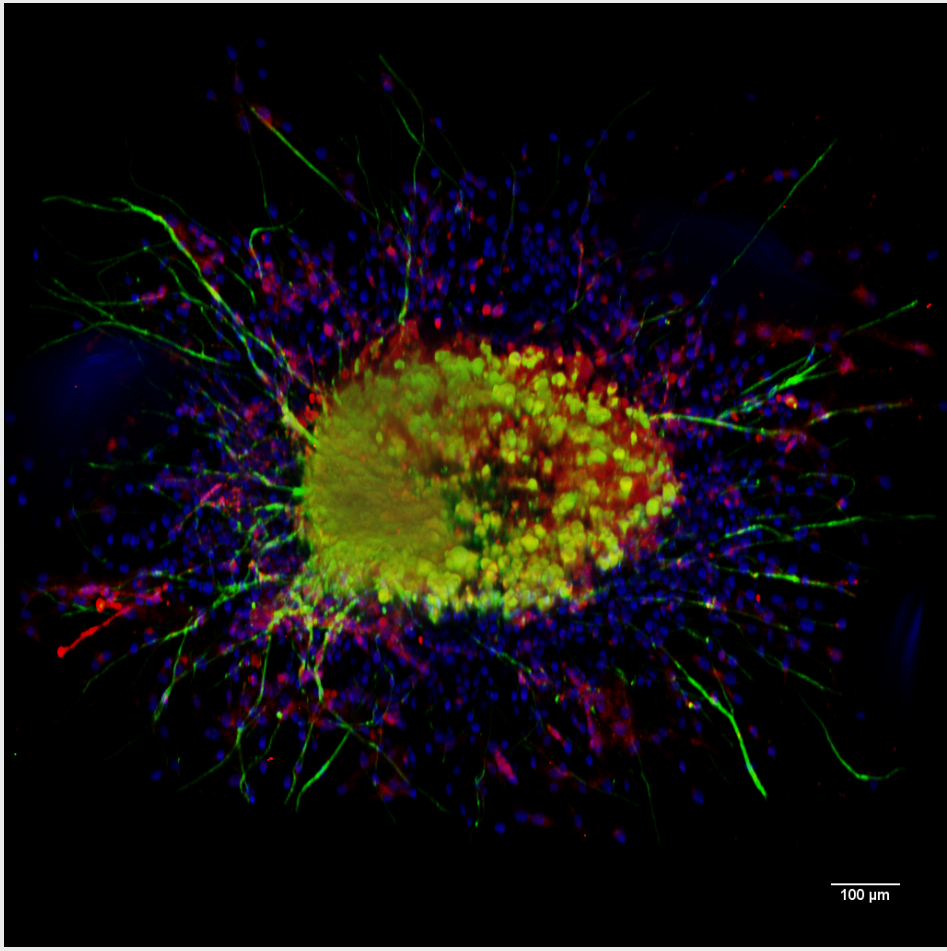
MIP of 1.2 mm z-stack of leave

Multi-Photon Imaging



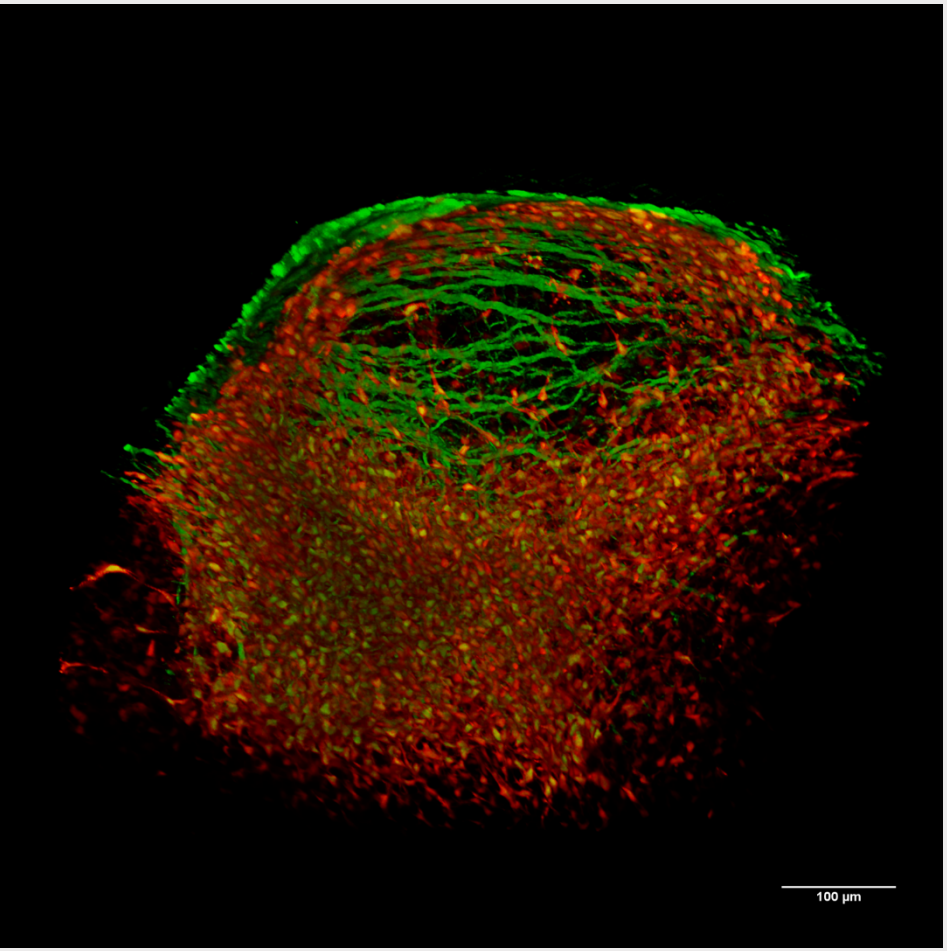
Mouse Intestine Stem Cell & SHG Imaging

Spinning Disc Microscopy

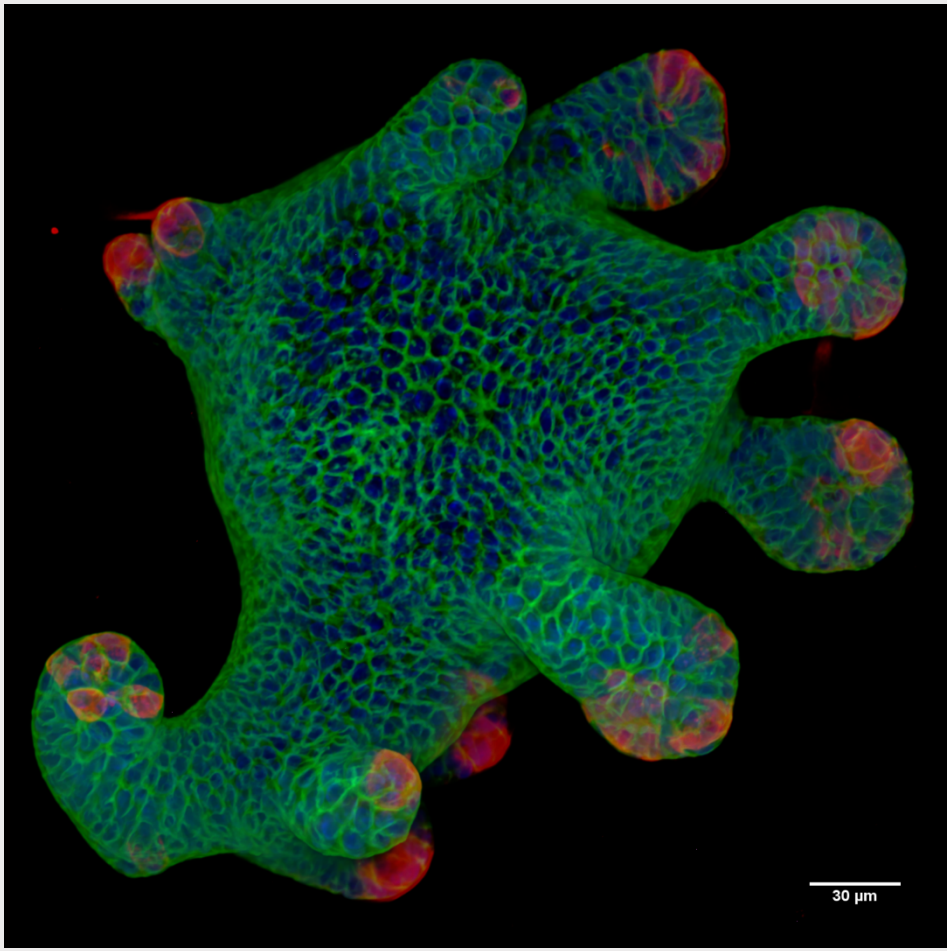


Mouse Dorsal Root Ganglion 3D Reconstruction

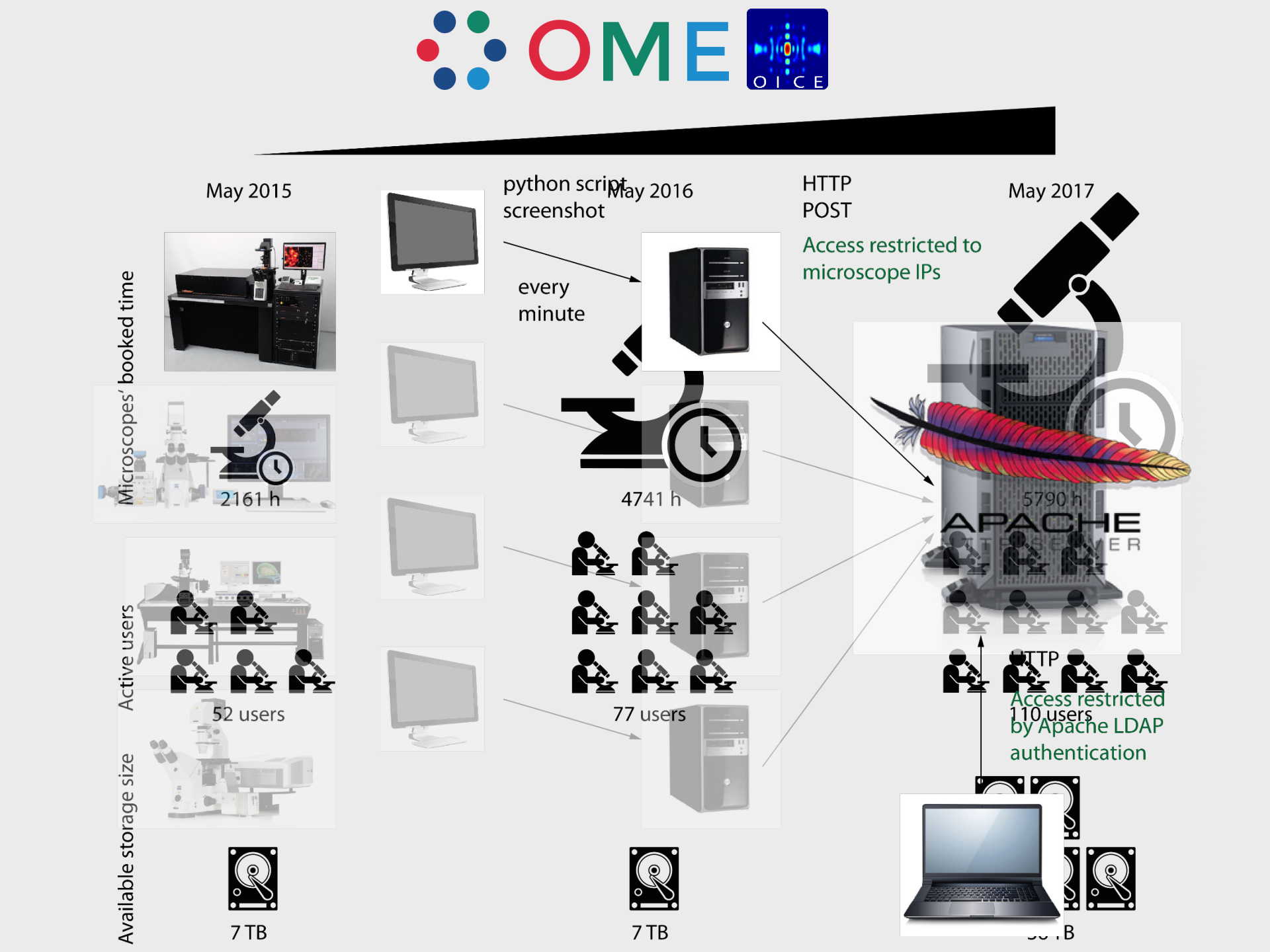
3D Live Cell Spinning Disc Microscopy



3D Reconstruction of Human Lymph Node



Organoid of Human Origin


OME
OICE
May 2015
May 2016
May 2017
python script
screenshot
every
minute
HTTP
POST
Access restricted to
microscope IPs
Microscopes' booked time
2161 h
4741 h
5790 h
APACHE
Active users
52 users
77 users
110 users
HTTP
Access restricted
by Apache LDAP
authentication
Available storage size
7 TB
7 TB

Dixie Loo on Top

Strong & Stable

Period