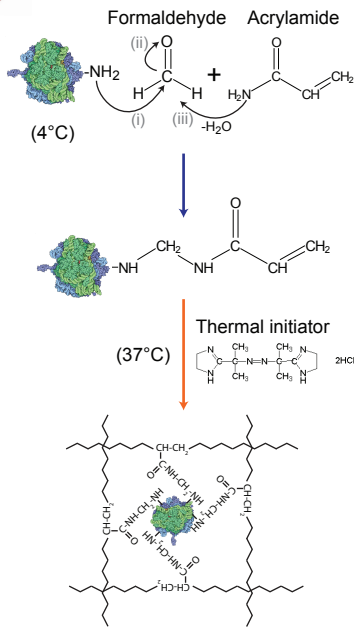


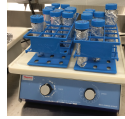


## Hydrogel embedding

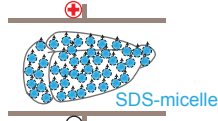


## Membrane lipid removal

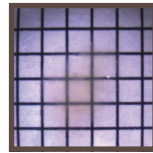
Passive clearing @ 37°C with shaking



And/or electrophoretic tissue clearing (ETC)



Refractive index homogenization



Tissue-hydrogel hybrid

Molecular labelling

Label removal

## Imaging

Confocal  
2-photon  
Light sheet microscopy

## Data analysis and management

- Stitching of image tiles
- Data compression and storage
- Volumetric reconstructions
- Neurite tracing and segmentation
- Registration to reference atlas