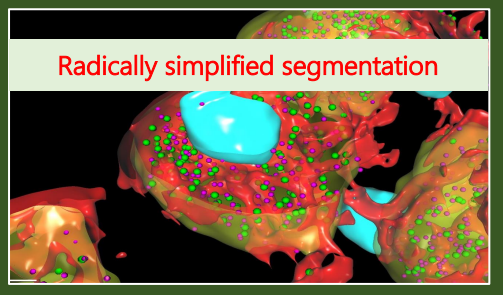
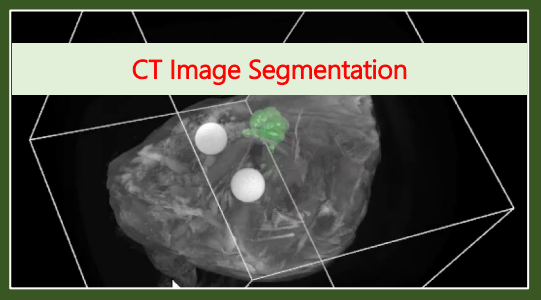
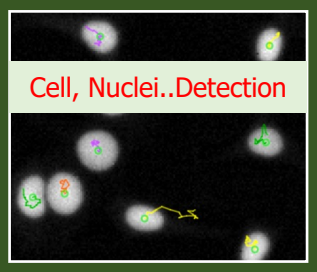


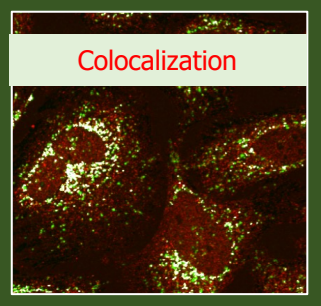


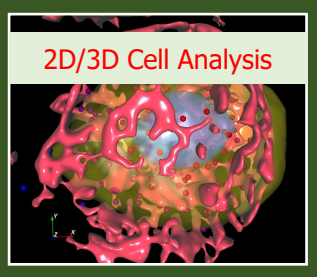


AI-based Image Analysis Software for microscopes,

AIVIA Workshop

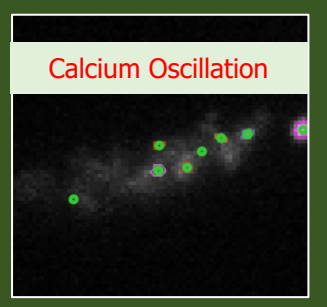
When you acquire an image with a microscope, it is simply a collection of pixels. Let's use the image analysis software Aivia to detect the required area and perform quantitative analysis!
"Detection" is made easily because it is equipped with AI technology.



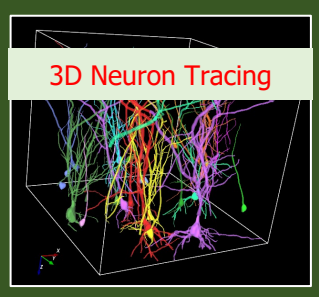


[What you can do with AIVIA….]

- ✓ 2D/3D, Fluorescence, Phase, CT, EM images applicable.
- ✓ <Counting> Detect and count objects in 2D/3D image
- ✓ <Tracking> Detect and tracking objects in 2D/3D timelapse image
- ✓ <Colocalization> Detect colocalized area among 2 ch image
- ✓ <Cell Analysis> Detect and analyze Intra-Cell objects
- ✓ <Neuron analysis> Detect and analyze soma, dendrite spine.



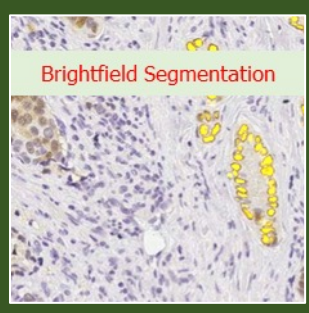
- ✓ <Pixel Classifier> Train AI with hand painting, then detect required area
- ✓ <Object Classifier> Automatically classify detected objects with AI

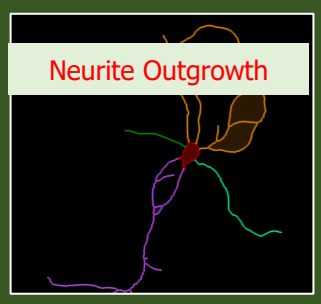


Instructor : Yoshiro Oikawa (Seikotec co.)
Schedule:
Thursday May 18
10:00- 11:00 General Introduction
13:00-17:00 Onsite Analysis for those who request it.
Friday, May 19
10:00-17:00 Onsite Analysis for those who request it.

Venue: OIST Lab4 L4F14

Contact : img-request@oist.jp ask Shinya for details





Onsite Analysis require reservation! Bring your own images!