Homework: BBBC001 cell count

- Download and install Fiji
  - http://fiji.sc/Downloads

- Download the BBBC001 dataset (TIF), unzip it and count nuclei in the first image file
  - https://bbbc.broadinstitute.org/BBBC001
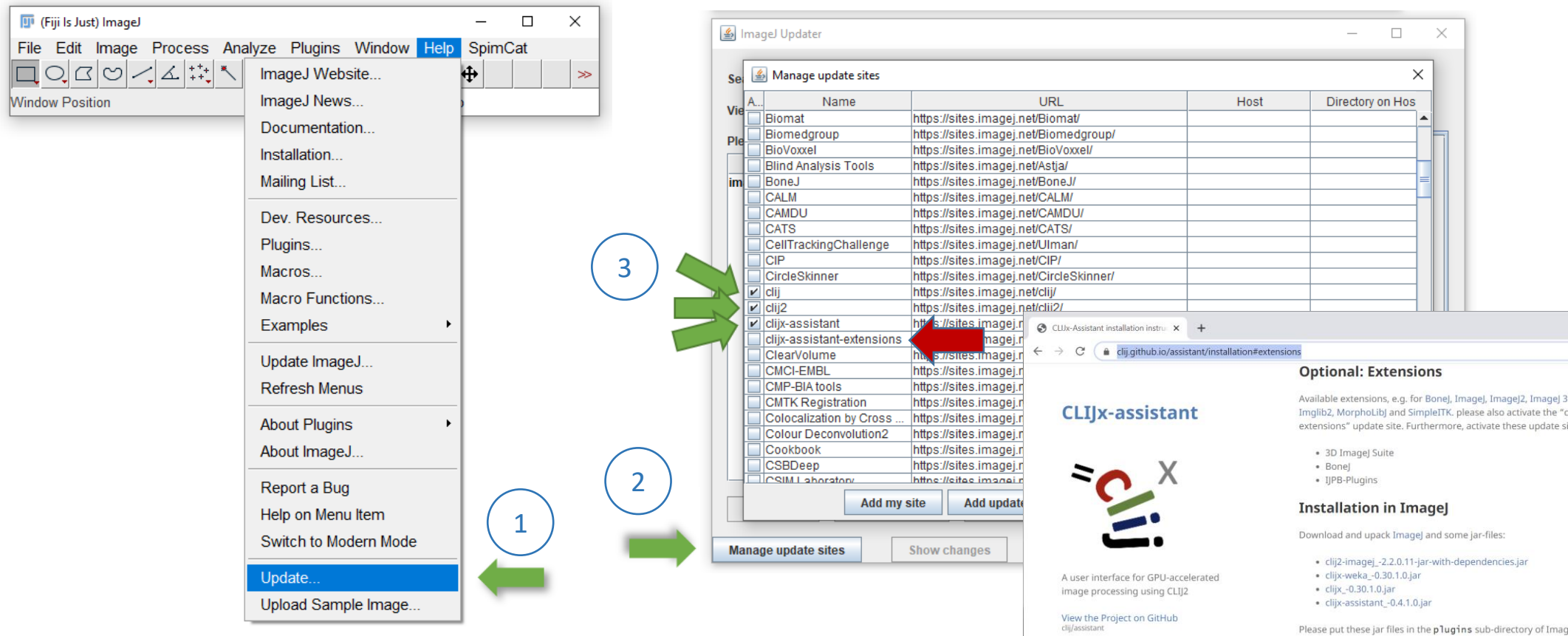 - AS_09125_050118150001_A03f00d0.tif

- Hints:
  - Use CLIJ Assistant [Right-click menu] Label > Voronoi-Otsu-Labeling to segment the nuclei
  - Use Analyze > Set Measurements and Analyze > Measure to determine the maximum intensity in the label image (= number of labels)
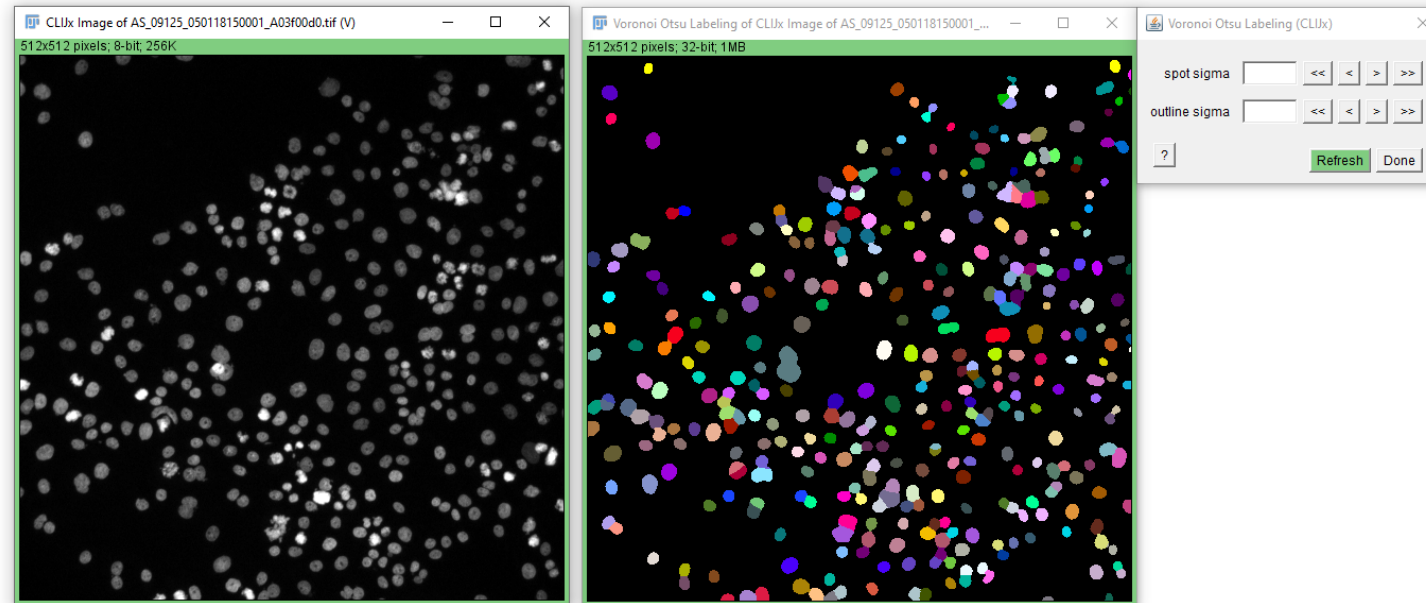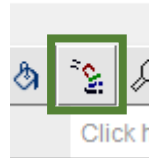
  - Enter your count here: https://docs.google.com/spreadsheets/d/1Ek-23Soro5XZ3y1kJHpvaTaa1f4n2C7G3WX0qddD-78/edit?usp=sharing
  - Be a good scientist: Don't cheat! ;-)

Hint: CLIJ installation

- Just activate the CLIJ update sites, in menu Help > Update…
- Linux users: you may need to install OpenCL, e.g. `apt-get install ocl-icd-devel`

@haesleinhuepf

April 2021

http://clij.github.io/assistant/installation