

Automated Bouton Counting

1. Download Fiji ImageJ
2. Convert .vsi file to .tif
 - a. Olympus ImageJ Plugin
 - b. Printscreen
3. Open file in ImageJ
4. Convert to 16-bit Greyscale
 - a. Image -> Type -> 16 bit
5. Threshold
 - a. Image -> Adjust -> Threshold
 - b. Top Bar to zero, Bottom Bar to ~120
6. Watershed
 - a. Process -> Binary -> Watershed
7. Analyze Particles
 - a. Analyze -> Analyze Particles
 - b. Turn on "Display Results" and set "Show" to "Count Masks"
 - c. Change circularity and size