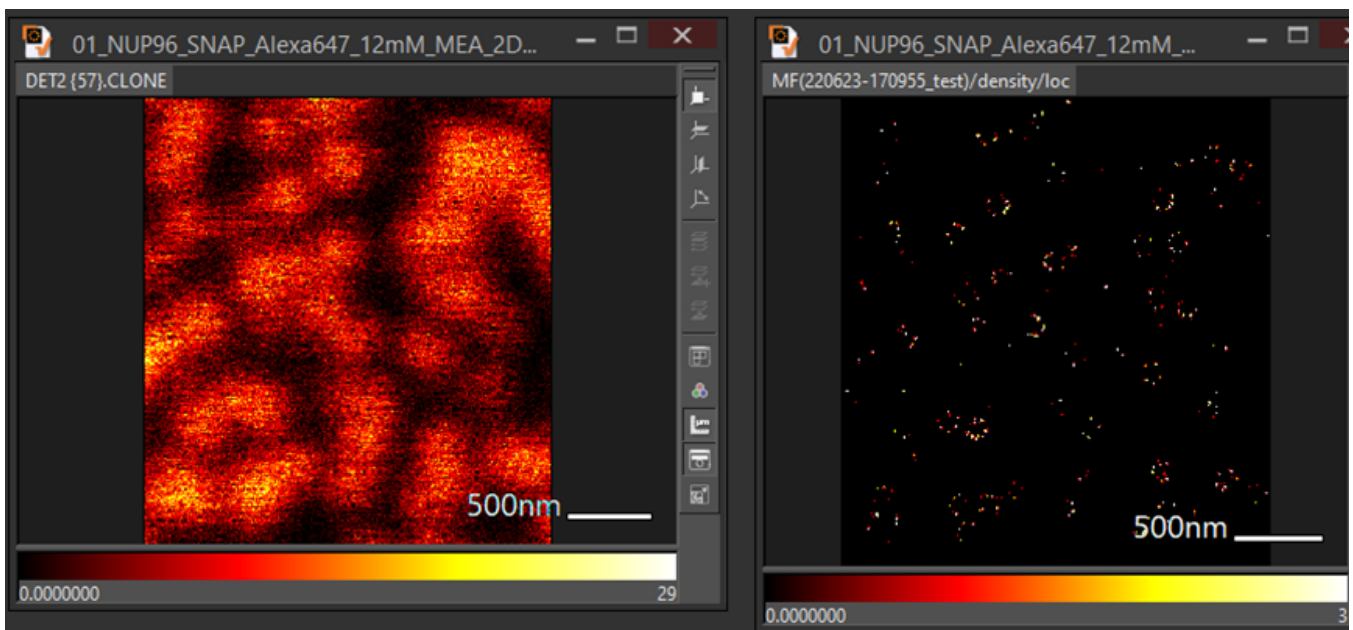# Superimpose images in Imspector

Goal:

- Superimpose confocal images
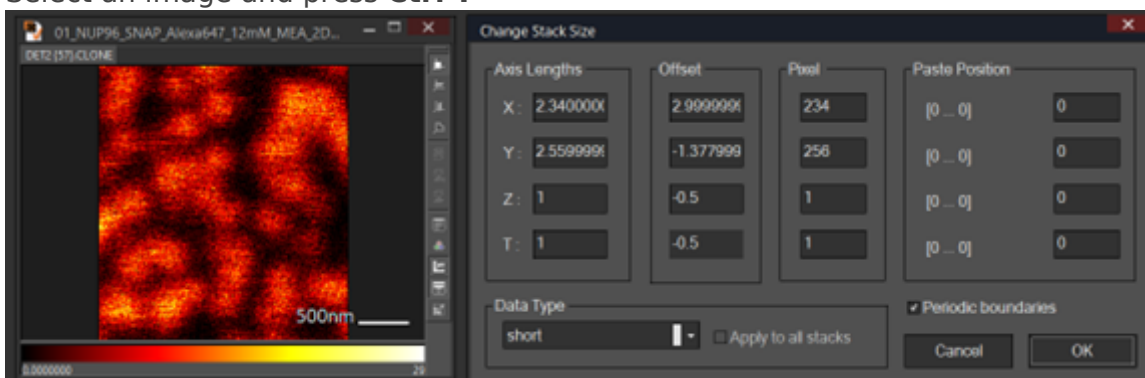- Superimpose confocal image with Minflux image

Note: Images can be combined if they have the same length and the same pixel size. In general, the pixel size of the Minflux image usually is much bigger than confocal image. As a result, we need to do image interpolation to make sure the pixel size of the two images is the same. Length and pixel size of an image can be checked using **change Stack Size** by pressing **CTRL T**. msr file can be opened in image J.
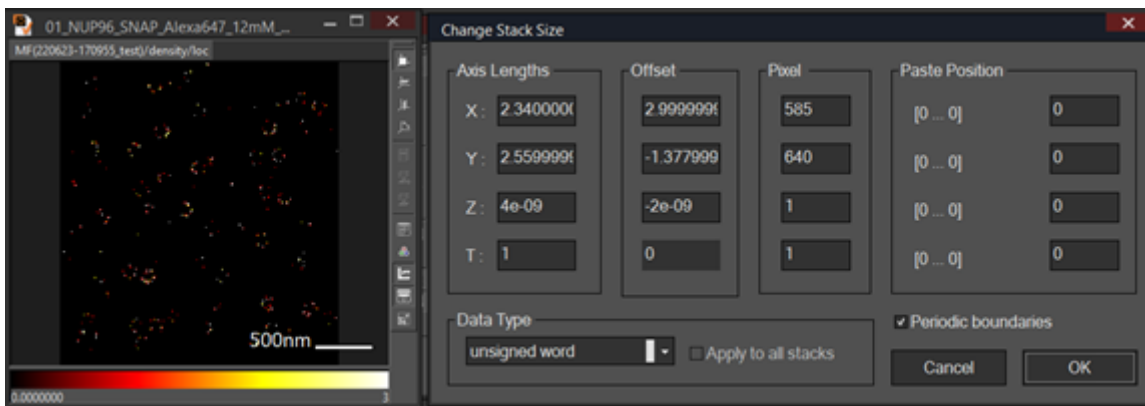
Step by Step Superimpose images:

1. Example: combine a confocal image and a minflux image, both images have the same length however the pixel size are different.
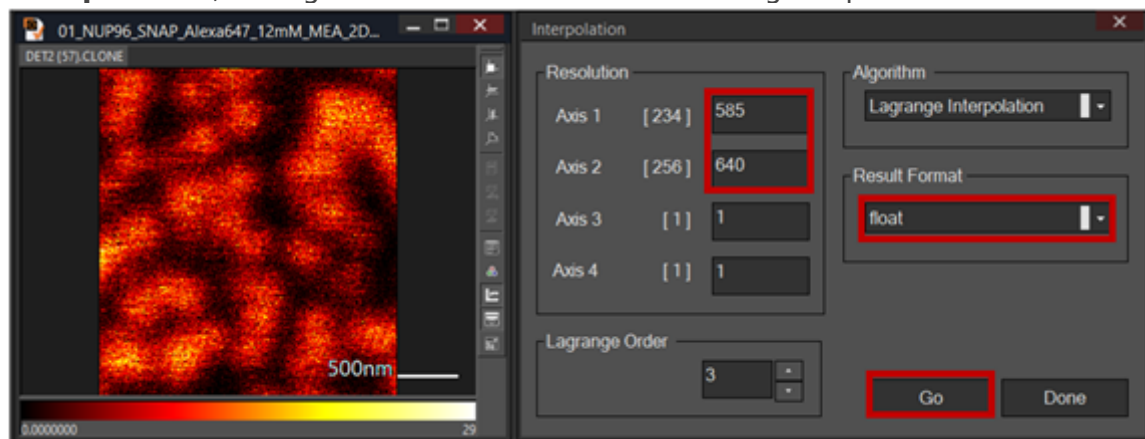

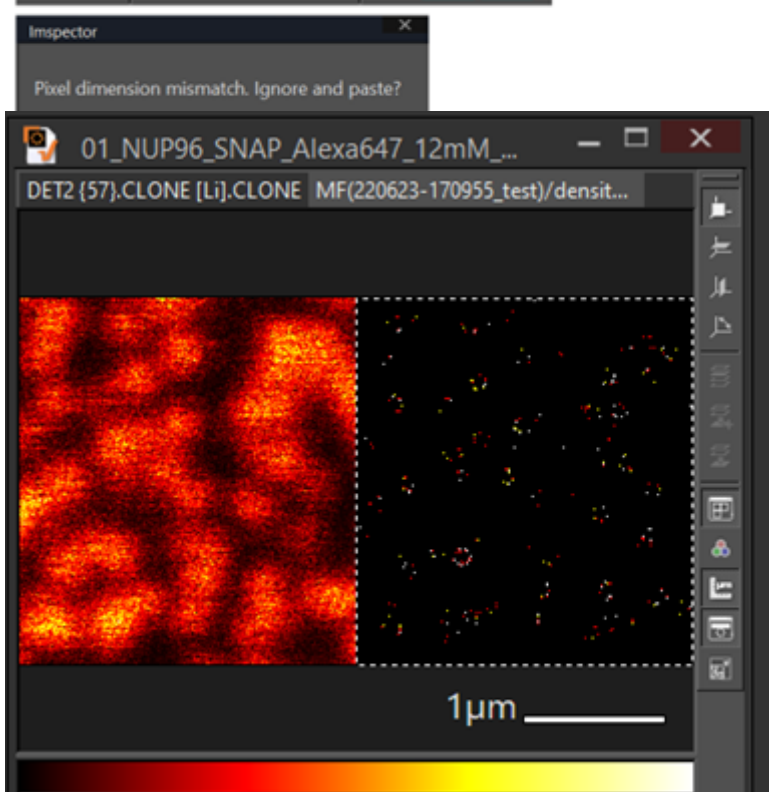2. Select an image and press **Ctrl T**

3. Change the pixel size of a confocal image to match the minflux image: go to **Analysis** and **Interpolation**, Change the resolution of confocal image to pixel size of minflux image, nages.

4. Choose new window

5. Copy the image (Ctrl C or press **A**) and paste (ctrl V or press **B**) into the new window. When you paste the second image, warning appear "pixel dimension mismatch ignore and
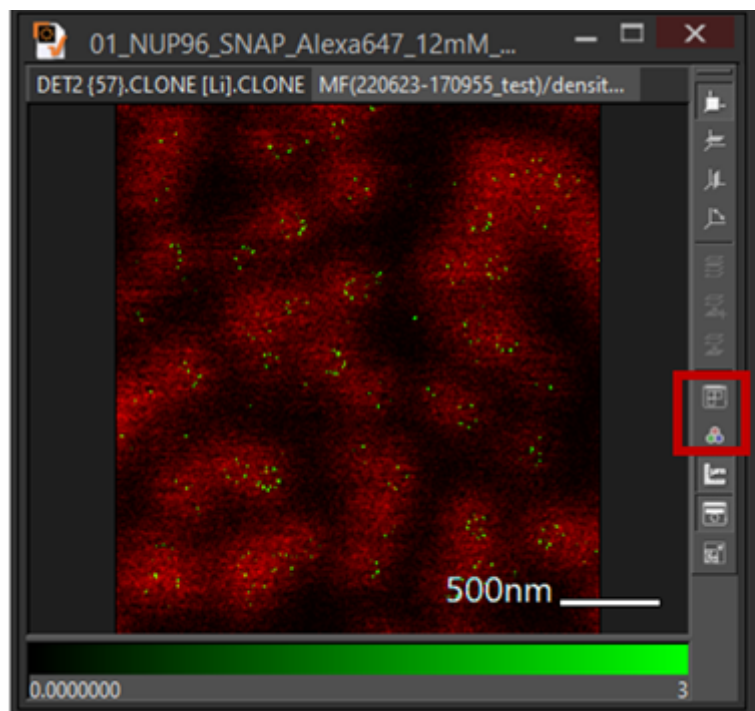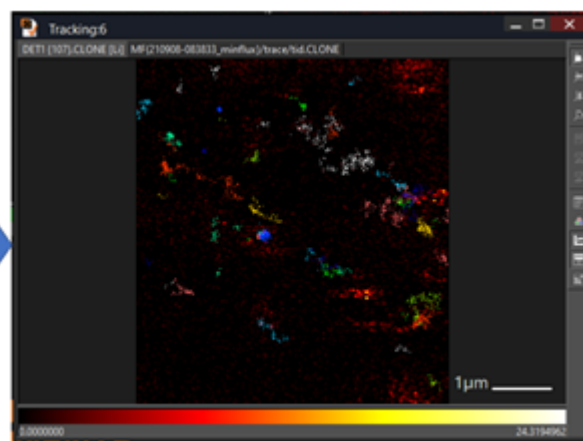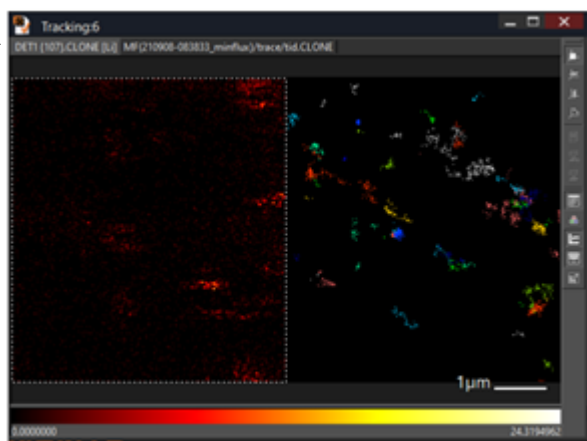
6. image using