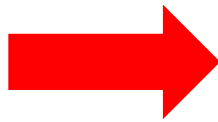


Bleaching on the LSM710

Kim Peifley and Alla Brafman

11/13/15

1. Check the Time Series box in order to get the initial scan
2. Check the Bleaching box
3. Make sure the Regions box is also checked

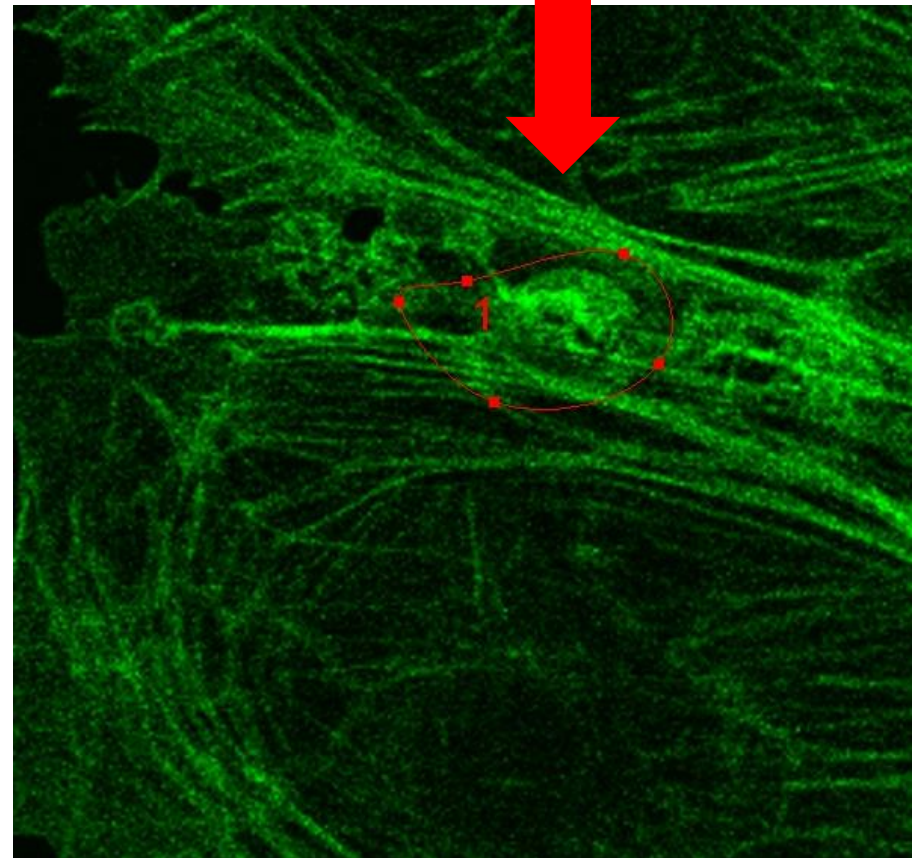


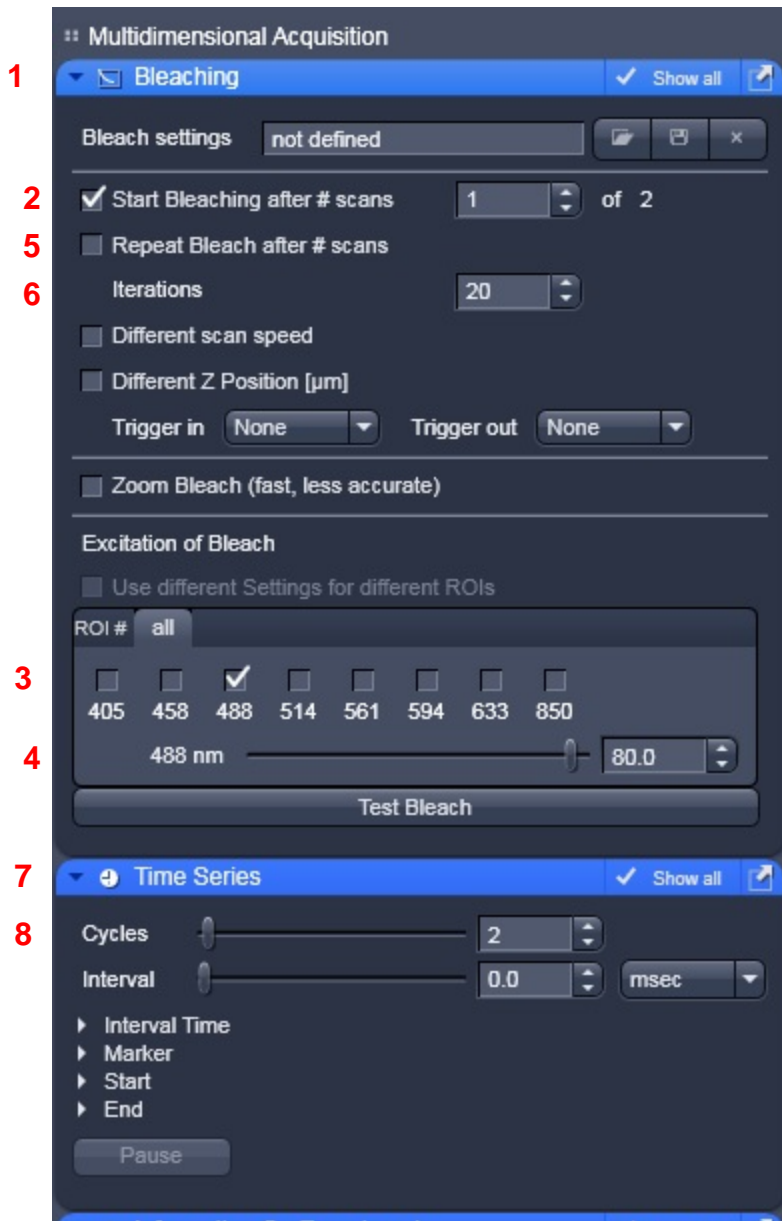
In the Regions Box - Select the Infinity Symbol to make your own shapes.

Infinity Symbol



Region Created Using Infinity Symbol





1. Go to the Bleaching tab
2. Check Start Bleaching after # scans and select number of scans
3. ROI# - Select laser line you wish to use
4. Set laser power real high
5. If you wish to bleach area multiple times, you can check the Repeat Bleach After # of Scans.
6. Set Iterations. This is the number of scans that will be bleaching scans
7. Go to Time Series tab
8. Set number of cycles
9. Click Start Experiment to begin imaging

In this example Bleaching will start after one scan.

The sample will be bleached for 20 iterations or 20 scans

Then it will scan again as a “regular image” so you have before and after images to compare.

In other words this set up will do an initial scan, bleach 20 times then another scan. We will end up with 2 images – before and after bleaching