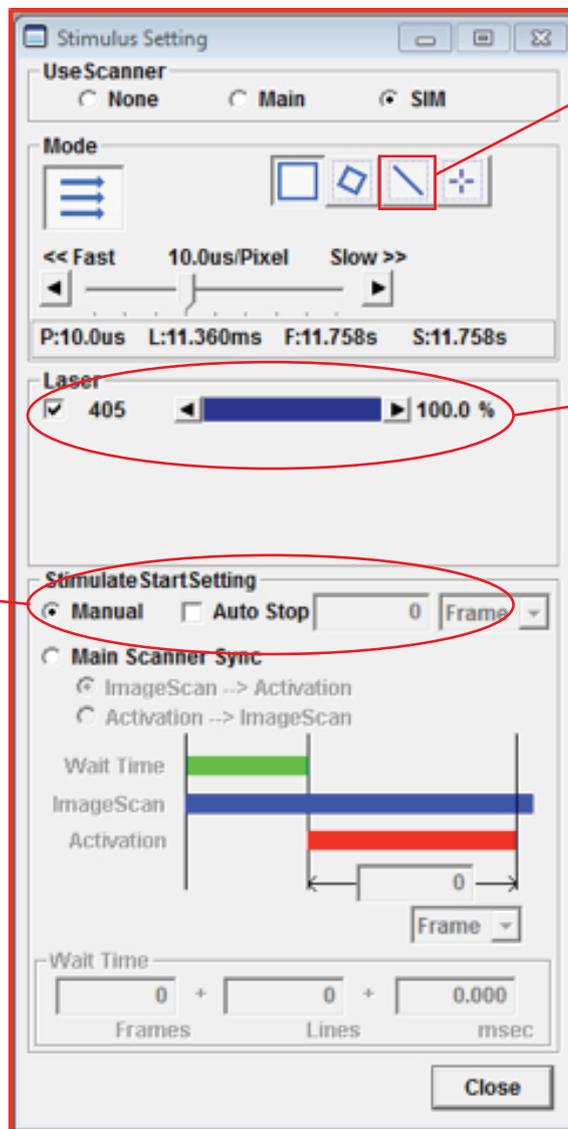


## Laser Damage Experiments (I)

Click on the Stimulus Setting button



Select the single line icon and then draw a line in the 'Live View window' across the cell you wish to bleach

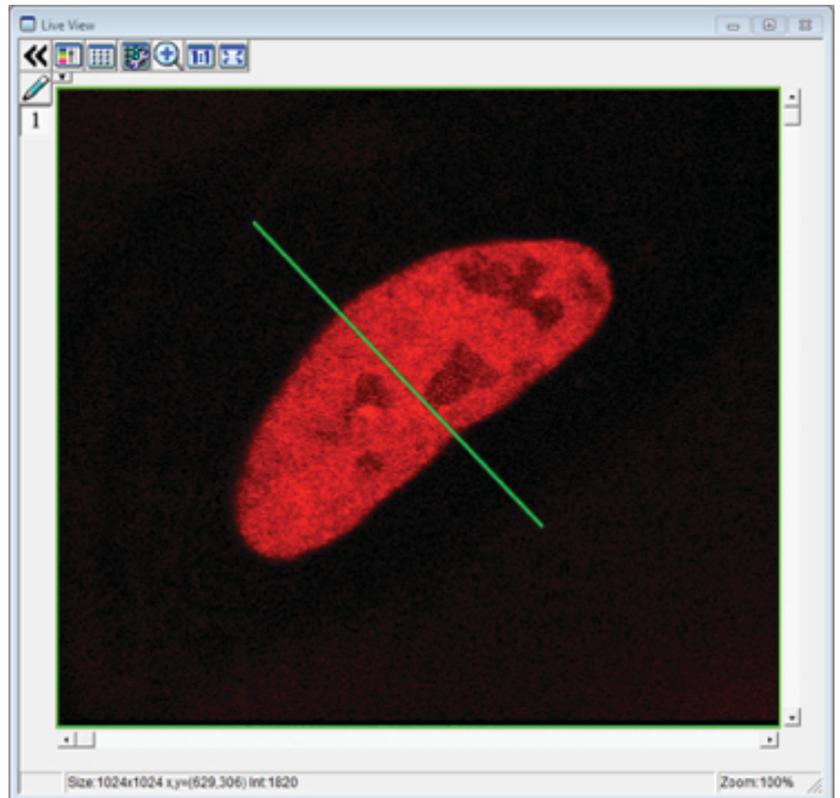
This indicates the 405nm laser will be used for bleaching

You can set the system to manually or Auto Stop the bleaching.

To set Auto Stop, check the box and input the time you wish to bleach for

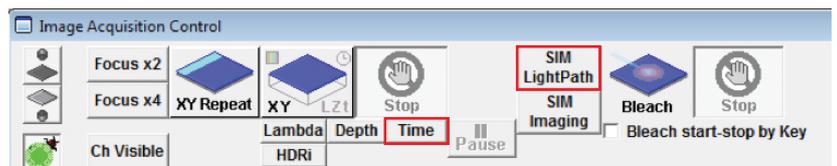
## Laser Damage Experiments (II)

**Draw a line in**  
the 'Live View window' across  
the cell you wish to bleach



**Select SIM Lightpath** icon

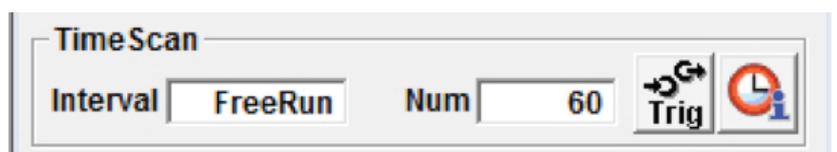
**Activate timelapse** imaging  
by clicking on 'time'



**Adjust capture parameters** (time  
interval (in seconds) and number of  
images required)

FreeRun will capture at the shortest  
possible interval based on scan  
speed and frame size (type 0).

It is possible to set a larger than  
anticipated number of frames to  
capture and then manually stop  
scanning if required.

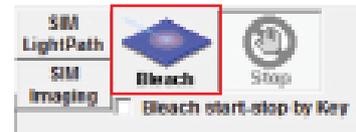


## Laser Damage Experiments (III)

**Pre-bleach:** Begin the image capture by clicking XYt Scan button.  
Allow several frames of pre-bleach scanning.



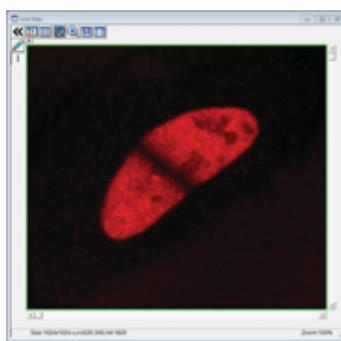
**bleach:** Press the Bleach icon along the top of the Image Acquisition Control window. You will need to press 'Stop' if you have opted to control the bleaching manually.



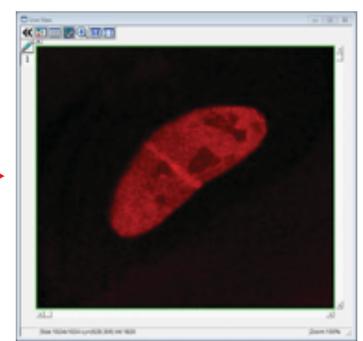
**Timelapse:** If the response is fast, then you can manually stop the scanning. If longer is required, you can add to the image by clicking 'Append New' which will capture additional frames.



pre-bleach



bleach



timelapse