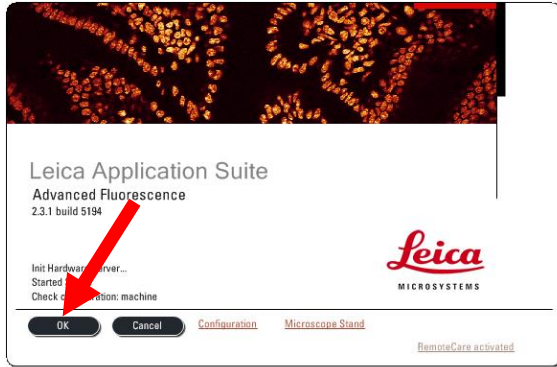


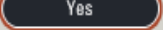
Leica SP5 Tile Scan Protocol

1) *Open the LAS AF software*

☞ Lower stage completely.

☞ At the opening splash, click .



☞ When asked to initialize the stage, select .



2) *Focus your sample and locate the field of interest.*


NOTE: Do not incorporate a field rotation when tiling!

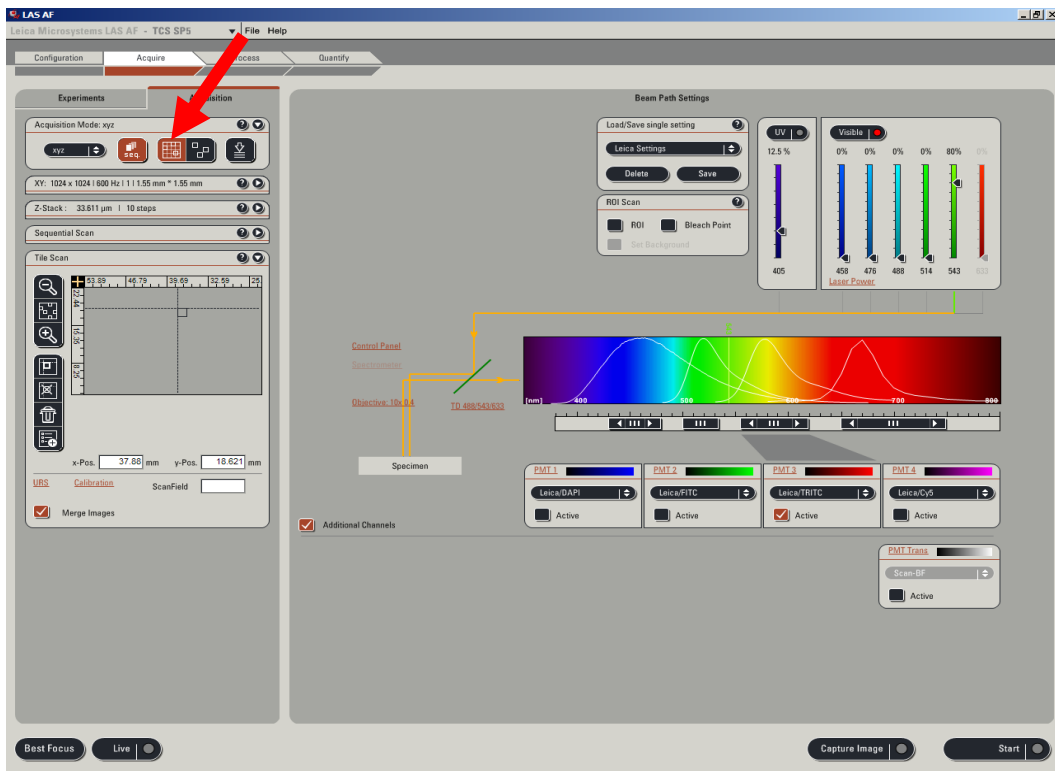
3) *Select the desired image parameters. (format, speed, line average, etc.)*


4) *Set the sequential scan, if applicable.*

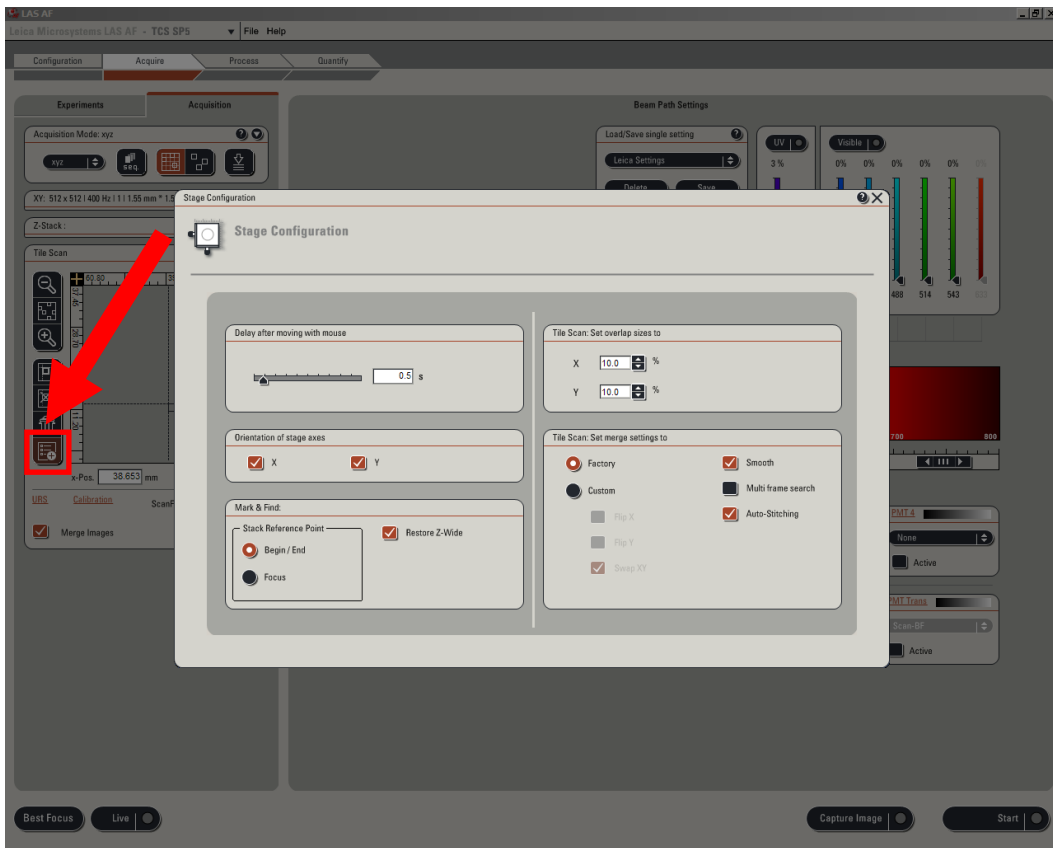
5) *Set the z-stack, if applicable.*



6) *Set the tile scan.*

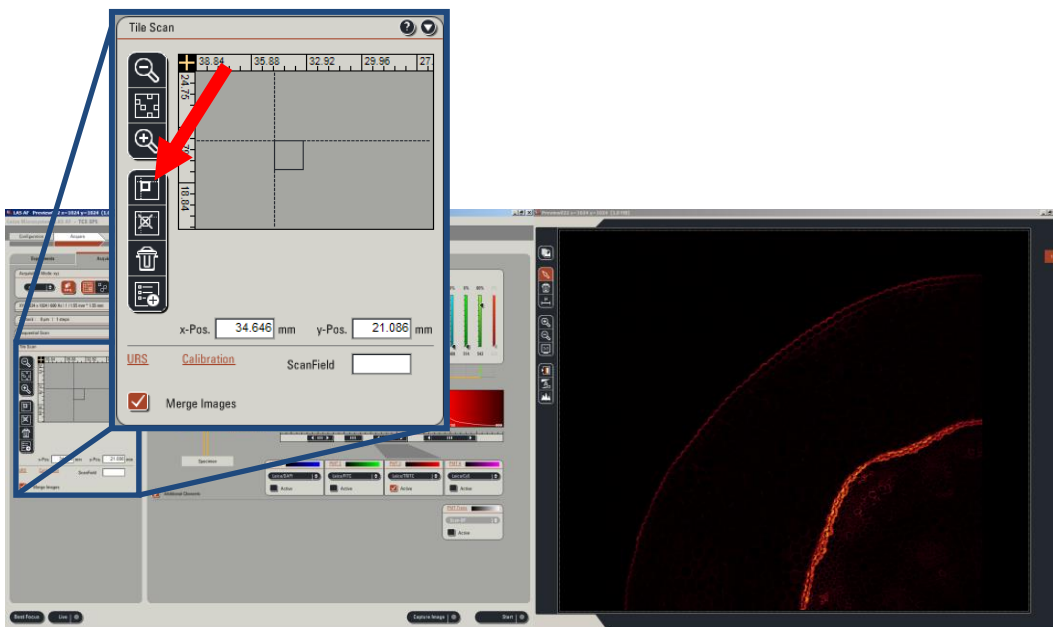
☞ Open the Tile Scan menu by clicking .



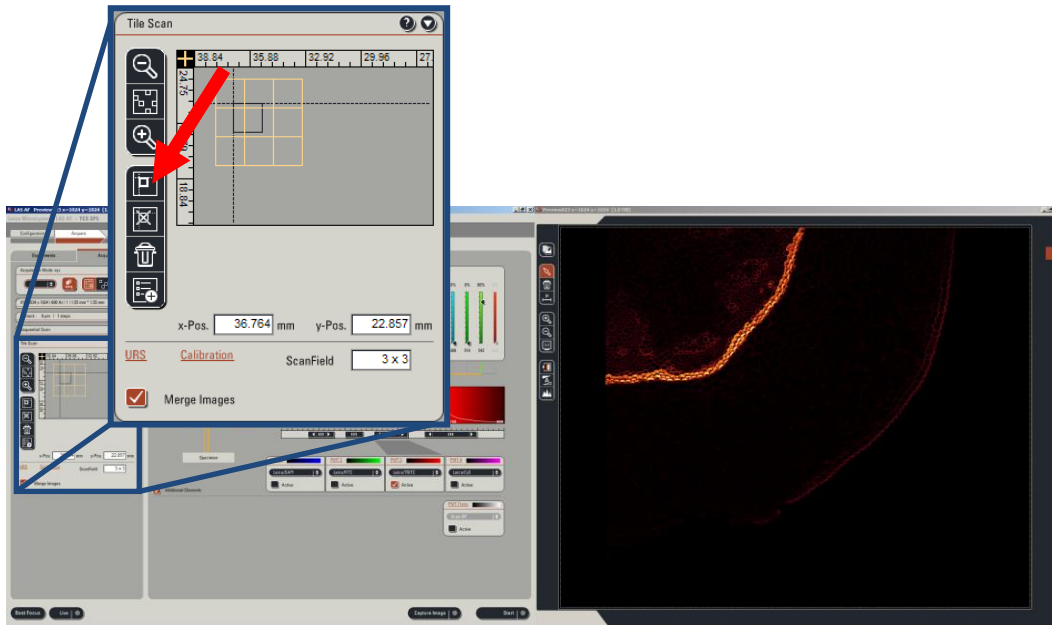
- ☞ Open the Stage Configuration menu by clicking . Ensure the overlap size is at 10%, and the factory settings are enabled. Close the Stage Configuration window.



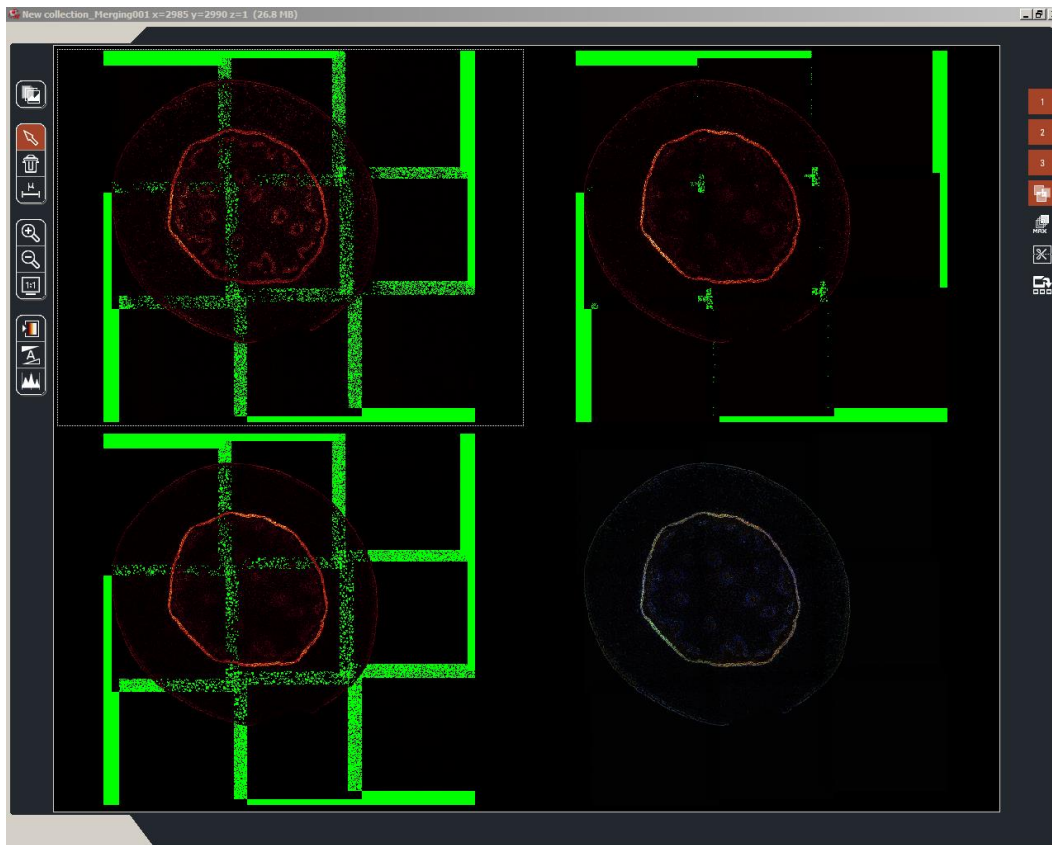
- ☞ Turn on the  view. Move the stage to view the top-left corner of the sample. Make sure that part of the sample is visible within the field, and is in focus. Mark position by clicking .



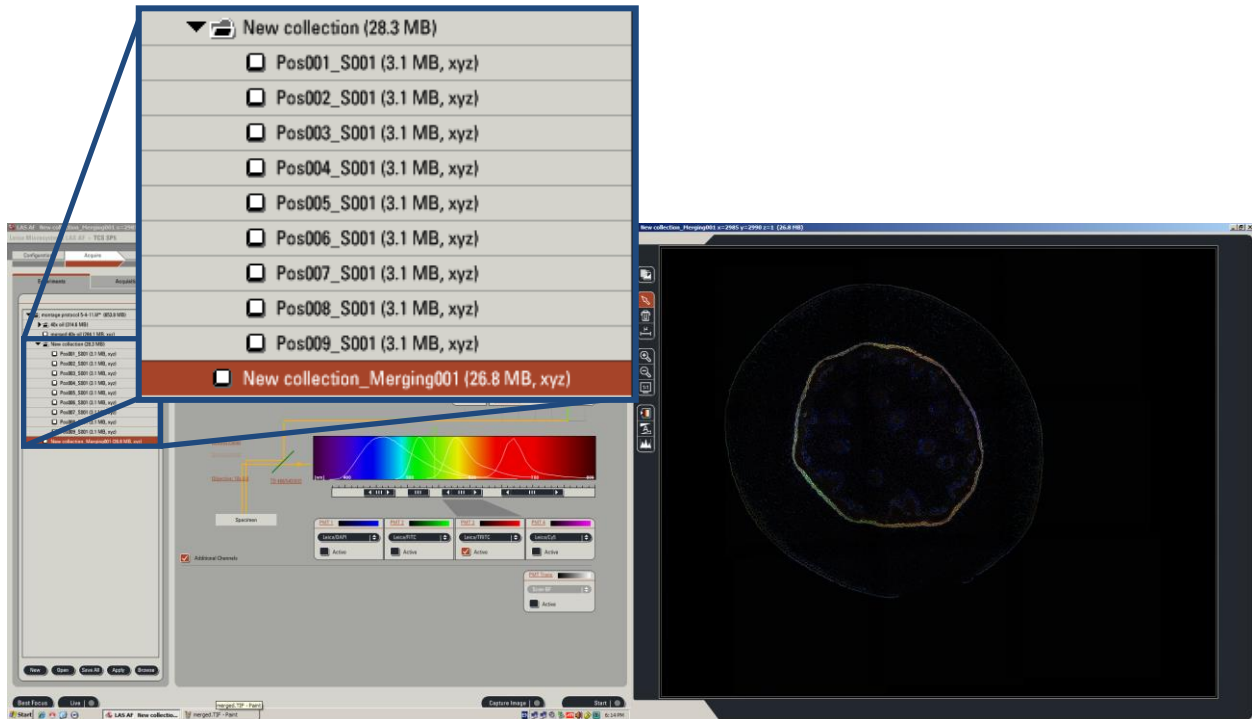
☞ Move the stage to view the bottom-right corner of the sample. Make sure that part of the sample is visible within the field, and is in focus. Mark position by clicking .



☞ Stop the live view, and click  to start the tile scan.



- ☞ The final image will be stored in a “New collection” folder, which will contain all of the individual images of the montage. A final merged image will appear below the collection, with the naming convention “New collection_Merging001.”



Convallaria rhizome test slide, Leica Microsystems