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Image Registration of MALDI IMS to Microscopy

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Protocol status: Working

We use this protocol and it's working

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Abstract

Scope:

To process to register MALDI IMS images to different types of microscopy images using IMS MicroLink and WSIREG.



- 1 Install Napari with IMS MicroLink plugin using <https://github.com/NHPatterson/napari-imsmicrolink>
- 2 Use MicroLink to align laser ablation marks from the post autofluorescence image to the IMS pixel map.
- 3 Install the WSIREG plugin with Napari <https://github.com/NHPatterson/wsireg>
- 4 Use WsiReg to align other microscopy modalities. These modalities are aligned to the post autofluorescence image.
- 5 When complete, all images will be sampled in the same coordinates as the IMS pixel map.