ZEN software cheat sheet

ZEN workspace:

View modes

Recent images

Locate and acquisition tabs

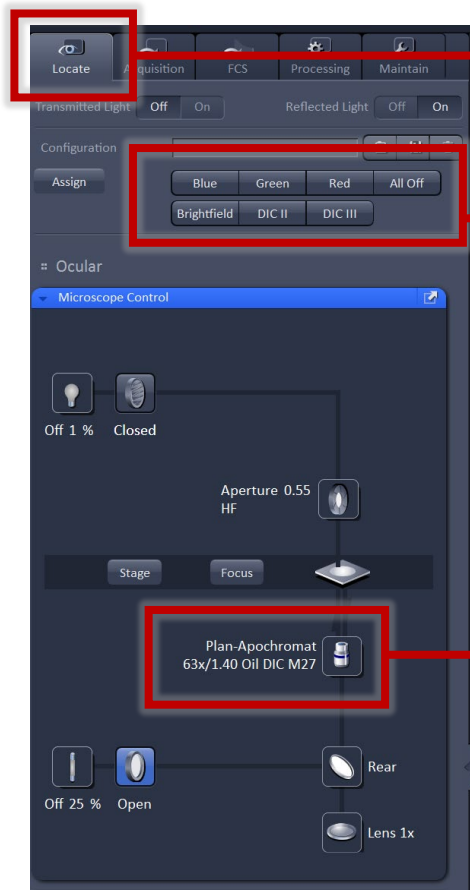Display options for current image
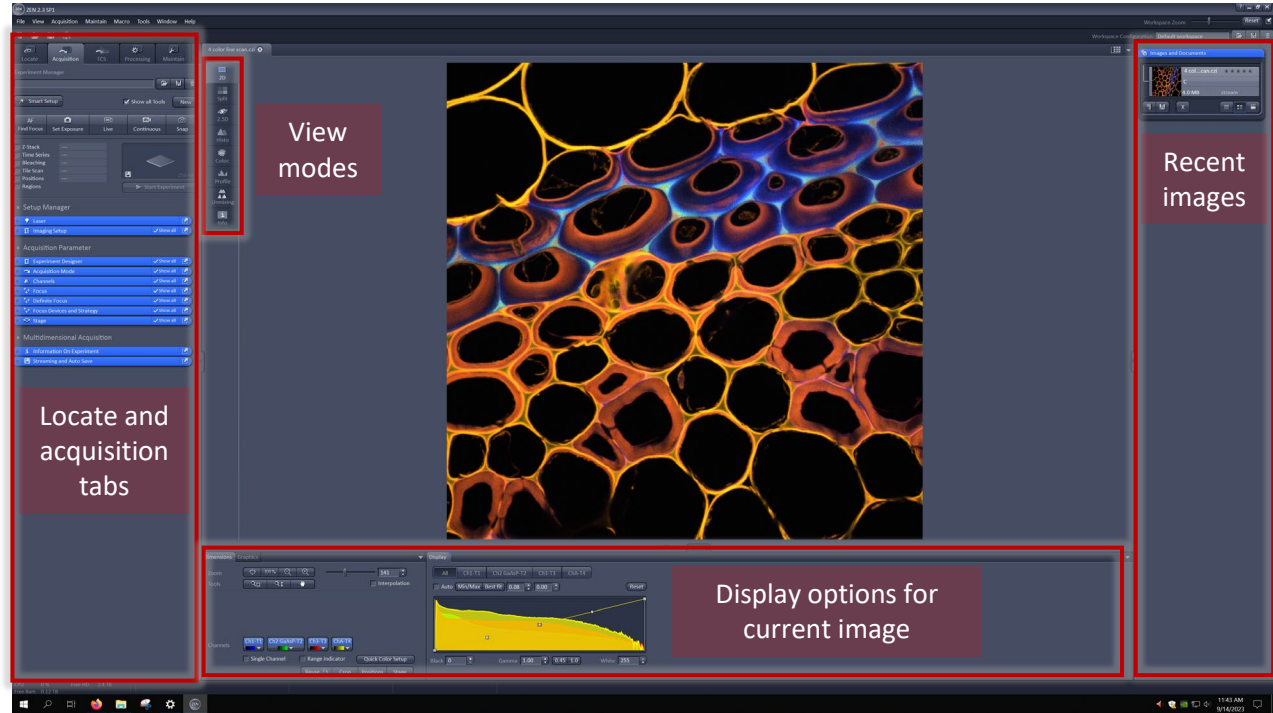
Display options:

Click "Reuse" to load settings used when open image was taken.

Turn on range indicator to check for black pixels (blue) and overexposed (red) pixels when adjusting digital offset, laser power, and gain.
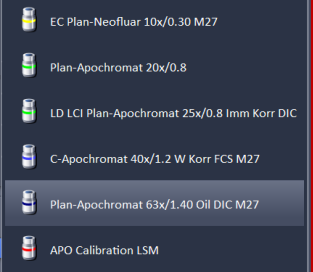
Locate tab:

Use Locate tab for looking through eyepieces to focus.

Select color to view through eyepieces. "All Off" turns off light.

Select objective

Acquisition tab:

Use Acquisition tab to set microscope settings and capture images.

Toggle live preview

Select imaging options (will open additional blue dropdown menus)

Load core presets if you're not re-using settings from an existing image

Take single picture at current position

Start full image acquisition

Turn on lasers on startup. Argon laser can't be used while highlighted red.

Use the Acquisition Mode menu to set resolution, scan speed, averaging, bit depth, and zoom.

Use the channels menu to set laser power, gain, pinhole size, and digital offset for each color.