Ratioing Pre-Processing Plugin for OpenPolScope software

Ratioing processing with Pol-Acquisition and Pol-Analyzer plugin v. 2.0,

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Overview
Ratioing is a process in which the background is utilized to normalize the intensities in the Sample dataset. This reduces flickering that may be due to the light source or changes in sample density.

To enable Ratioing a corresponding background for the sample dataset must be acquired first.

Once the sample is acquired or re-processed the data associated with Ratioing is inserted in the image metadata.
Selecting Pre-Processing: Ratioing

On the Pol-Acquisition or Pol-Analyzer interface, select the checkbox corresponding to the Ratioing Pre-Processing plugin. If Ratioing is not listed as available then you may need to install it via the OpenPolScope Setup.

Overview of Options

Allow changing ROI during Acquisition/Processing: In the case of a length time-series it is quite possible that the sample may move and overlap the selected Roi. In that event this selection can be enabled and a new Roi can be defined which will become the active Roi.
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From the Laboratory of
Rudolf Oldenbourg (rudolfo@mbl.edu)
Cellular Dynamics Program
Marine Biological Lab,
Woods Hole, MA
USA
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