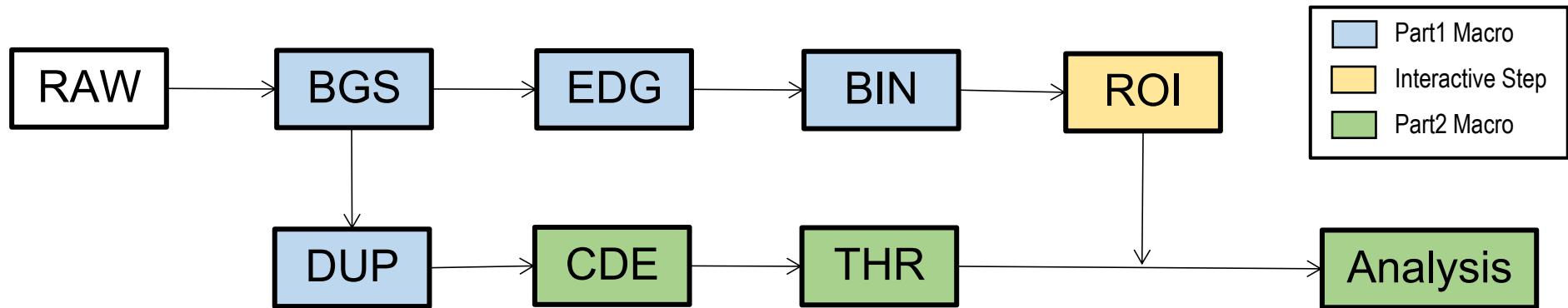


**Figure 2.** Visual example of what the different steps in the workflow look like.



**Figure 1.** Overview of the analysis protocol. The present workflow is divided into two macros (Part1 and Part2) separated by an interactive step. The Step1 macro starts by preparing the **RAW** images by performing a background subtraction (**BGS**) through the Rolling Ball algorithm (10px radius). The resulting image is duplicated (**DUP**) in preparation for the Part2 macro later on. One of the copies goes through the Find Edges algorithm (**EDG**) and then binarized (**BIN**). Then the regions of interest (**ROI**) were manually selected and stored. The Step2 macro performs colour deconvolution (**CDE**) with custom values for Alizarin Red, just keeping our channel of interest. This image is then thresholded (**THR**) for the final analysis using the ROI previously selected.