**Qupath-Script for Tissue Detection and Cell Count**

* Setting Image Type

setImageType('BRIGHTFIELD\_H\_E');

setColorDeconvolutionStains('{"Name" : "H&E default", "Stain 1" : "Hematoxylin", "Values 1" : "0.65111 0.70119 0.29049 ", "Stain 2" : "Eosin", "Values 2" : "0.2159 0.8012 0.5581 ", "Background" : " 255 255 255 "}');

* Clear Image from prior Annotations

resetSelection();

* Create Annotation from prior trained Classifier (Detecting Tissue Area): Enter the name of your classifier at “ClassifierX”

createAnnotationsFromPixelClassifier("Classifier X", 3000.0, 1000.0, "DELETE\_EXISTING", "SELECT\_NEW")

* Run Cell Detection

runPlugin('qupath.imagej.detect.cells.WatershedCellDetection', '{"detectionImageBrightfield": "Hematoxylin OD", "backgroundRadius": 15.0, "medianRadius": 0.0, "sigma": 4.0, "minArea": 50.0, "maxArea": 200.0, "threshold": 0.05, "maxBackground": 1.0, "watershedPostProcess": false, "cellExpansion": 5.0, "includeNuclei": true, "smoothBoundaries": true, "makeMeasurements": true}');

* Export Measurements