# Explanations macro\_computePositionAccNucl\_batch\_v2.ijm

1/ This macro asks for a folder (the one containing the images, in .TIF and the ROIs from pigment detection and the ones from nuclei distance computation):

Une image contenant texte, capture d’écran, logiciel, Icône d’ordinateur

Description générée automatiquement

2/ It looks for all TIF image if there is a .zip file with ROIs of pigments and of nuclei, that is, for instance:

Une image contenant texte, Police, capture d’écran

Description générée automatiquement

3/ For the TIF files with the associated ROIs, the macro computes this table:

Une image contenant texte, nombre, Police, capture d’écran

Description générée automatiquement

It gives for each pigment the localization in X,Y,Z in both original image and in the studied stack. Another parameter “Loc” can take 3 values: outside/inside/border. This is the localization using **only 2D coordinates**, meaning that “inside” can mean either really inside or above/below because we work on a projection (in this application, this was more the above/below case).

The Log also shows which images where treated:

Une image contenant texte, Police, capture d’écran

Description générée automatiquement