Whole-Slide Image Analysis and Quantitative Pathology with QuPath

June 10ᵗʰ-11ᵗʰ 2024

This workshop focuses on the quantitative analysis of H&E and fluorescence whole-slide images with QuPath.

Participants will learn how to annotate regions, to perform stain deconvolution, to segment nuclei (watershed-based method and pretrained deep learning models), to classify pixels and cells (shallow machine learning), to identify fluorescent markers associated with cells (intensity thresholding and shallow machine learning), to characterize cell sub-populations (dimension reduction and cell clustering) and to perform spatial distribution analysis.

To sign up for the workshop: send an email to Thierry Pécot (thierry.pecot@univ-rennes.fr) quickly describing your experience with image analysis and why you want to attend the workshop.