

Tutorial on how to install FluoroQuant

Sorel V. Ouonkap Yimga

Johnson Laboratory

Brown University

1. Install a virtual environment handler (miniconda3)

- The first step for installation is to create a virtual environment that we can manipulate without modifying or affecting any other files or programs you currently have in your computer.
- To do this, we will add a command to your terminal called “conda” that will handle this for us and will also install the packages that this tool depends on.
- To install the command, please visit the site below and download the miniconda3 version compatible with your Mac or other apple computer. Please download only the “pkg” versions of “Minoconda3 macOS Apple M1” or “Minoconda3 macOS intel”. After download, launch the install and follow the prompt.
- <https://docs.conda.io/en/latest/miniconda.html>

Installing FluoroQuant

- After installing the conda command, double click on “Install_fluoroquant” to start the installation of the application and follow the prompt.
- You will mainly be asked to confirm the installation of certain dependencies. Enter “y” or “yes” then press “Enter” to continue.
- Do not worry about giving permission. As stated before, we create a virtual environment to install these packages and they are isolated from everything else on your computer. They will not affect any other programs you currently have installed on your laptop.
- If the installation completes without any issues, the tool should be ready to launch and you can launch it using “Launch_fluoroquant”