

# MyoAnalyst User Manual

## Overview of MyoAnalyst

MyoAnalyst is an ImageJ/Fiji plugin designed for fully automatic analysis of both immunofluorescence (IF)- and H&E-stained skeletal muscle cross sections. This plugin features a user-friendly interface, thus will be as an efficient, versatile tool for myofiber quantification, tailored to meet the needs of both researchers and clinicians.

## Installation of MyoAnalyst

As an ImageJ/Fiji plugin, MyoAnalyst is easy to install. You can just need two steps (Figure 1):

- 1) Download the “MyoAnalyst\_Vxx.jar” from the github (<https://github.com/ZhangHongbo-Lab/MyoAnalyst>).
- 2) Copy the “MyoAnalyst\_Vxx.jar” file into the ImageJ/Fiji plugins folder and restart the ImageJ/Fiji. You will find the plugin in the menu bar of “plugins” in ImageJ/Fiji.