

Plugin Update sites FIJI

Below is a list of useful plugins that can be loaded and updated automatically in FIJI Installation:

- Run “Help” then “Update...” menu commands in FIJI
- Click on “Manage Update Sites”
- Select required sites and click “Close” and “Apply Changes”
- Restart FIJI

Essential

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|-------------|---------------------------------|
| FIJI | • Core program |
| ImageJ | • Core program |
| JAVA 8 | • Core program |
| Bio-Formats | • Core program – opening images |

Recommended

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|--------------------------|--|
| BIG-EPFL | <ul style="list-style-type: none">• Extended_Depth_Field• MosaicJ• OrientationJ• PointPicker• Snakuscule• StackReg• TurboReg• UnwarpJ |
| 3D ImageJ Suite | <ul style="list-style-type: none">• 3D Filters (mean, median, max, min, tophat, max local, ...) and edge and symmetry filter• 3D Segmentation (iterative thresholding, spots segmentation, watershed, ...)• 3D Mathematical Morphology tools (fill holes, binary closing, distance map, ...)• 3D RoiManager (3D display and analysis of 3D objects)• 3D Analysis (Geometrical measurements, Mesh measurements, Convex hull, ...)• 3D MereoTopology (Relationship between objects)• 3D Tools (Drawing ellipsoids and lines, cropping, ...)• A 2D/3D spatial statistics plugin is also available. |
| 3DScript | <ul style="list-style-type: none">• Create high-quality 3D/4D animations using a natural-language based syntax |
| ImageScience | <ul style="list-style-type: none">• FeatureJ• MTrackJ• NeuronJ• RandomJ• TransformJ |
| Neuroanatomy | <ul style="list-style-type: none">• SNT – Simple Neurite Tracer |
| IBMP-CNRS | <ul style="list-style-type: none">• FigureJ – for scientific figures |
| Stuart Lab & BiomedGroup | <ul style="list-style-type: none">• MiNa- analyzing mitochondrial morphology |
| SIMcheck | <ul style="list-style-type: none">• For structured illumination images |
| <u>Useful</u> | |
| Scientific | <ul style="list-style-type: none">• Plugin for making scientific Figures |
| Angiogenesis | <ul style="list-style-type: none">• Angiogenesis – Sprout analysis |
| ClearVolume | <ul style="list-style-type: none">• 3D Viewer – only works on some graphics cards |
| FFMPEG | <ul style="list-style-type: none">• Opens some MP4 file formats |
| QuickFigures | <ul style="list-style-type: none">• Plugin for making scientific Figures |

Other useful macros and plugins:

Angiogenesis Analyser	http://image.bio.methods.free.fr/ImageJ/?Angiogenesis-Analyzer-for-ImageJ
Advanced Digital Microscopy Core Facility - IRB Barcelona	https://adm.irbbarcelona.org/bioimage-analysis/image-j-fiji