



Version 2

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Online microscopy and histology resources

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La Jolla Institute Microscopy Core



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ABSTRACT

There is a wealth of microscopy-related information online. This document lists the ones we know and like. Click on the document tab to see the list!

TAGS

microscopy

histology

Show tags

Document body

iBiology Microscopy Course

<https://www.ibiology.org/ibioeducation/taking-courses/ibiology-microscopy-course.html>

Analyzing fluorescence microscopy images with ImageJ by Pete Bankhead

<https://petebankhead.gitbooks.io/imagej-intro/content/>

Spectra viewers

<http://www.nightsea.com/sfa-sharing/fluorescence-spectra-viewers/>

Spectra database

<https://www.fpbases.org/>

Image analysis forum for ImageJ, Fiji, CellProfiler, KNIME, Icy, Ilastik, scikit-image, and friends

<https://forum.image.sc>

Image analysis forum for QuPath

<https://groups.google.com/forum/#!forum/qupath-users>

QuPath tutorials

<https://www.youtube.com/channel/UCqepVnS1QsB7B8nBA9T91EQ/playlists>

Fiji manual with tutorials by Cameron J. Nowell

<https://cloudstor.aarnet.edu.au/plus/index.php/s/bxRU7kkoj2rjCh#pdfviewer> - manual<https://cloudstor.aarnet.edu.au/plus/index.php/s/xdwcNFp0kafaNNN> - tutorial data

Microscopy vendor websites

<https://www.microscopyu.com/><http://zeiss-campus.magnet.fsu.edu/><https://www.leica-microsystems.com/science-lab/>

Search for well-referenced antibodies

<https://www.citeab.com/>

Open access, online antibody tool

<https://www.antibodypedia.com>

Machine learning-based antibody search

<https://www.benchsci.com/>

Constantly improving panel of validated human antibodies used in clinical trials

<http://www.nordiqc.org/>

Antibody performance following fixation

<https://www.thermofisher.com/us/en/home/life-science/cell-analysis/cell-analysis-learning-center/cell-analysis-resource-library/ebioscience-resources/antibody-fixation-considerations.html>

Learn more about tissue markers with Protein Atlas

<https://www.proteinatlas.org/humanproteome/tissue+specific>

General cell and tissue staining protocols

<https://www.cellsignal.com/contents/resources/protocols/resources-protocols>

Medical School Pathology by John R. Minarcik, MD

https://www.youtube.com/watch?v=SK89_DNoA5Q&list=PL3oAYNQ024sijkTwlmk4MliV1Nmv2xZX&index=1

A practical guide to the histology of the mouse

<http://www.wiley.com/WileyCDA/WileyTitle/productCd-1119941202.html>



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