



Version 1

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On-line microscopy and histology resources

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ABSTRACT

There is a wealth of microscopy-related information online. This document lists the one we know and like.

TAGS

Imaging

microscopy

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/bxRU7kkoj2rljCh#pdfviewer> - manual

<https://cloudstor.aarnet.edu.au/plus/index.php/s/xdwcNFp0kafaNNN> - tutorial images

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=PL3oAYNQ024sijkT wlmK4MliyV1Nmv2xZX&index=1

A practical guide to the histology of the mouse

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



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