Cell Biology and infection: Digital Image Processing/Analysis Tools for Quantitative Light Microscopy Imaging

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Topics
- Open source computer software for bioimaging
- Imaging and analysis of morphodynamics, protein sorting and secretion in living cells
- Analysis of data from multiphoton microscopy intravital imaging
- Cell segmentation & particle tracking
- 3D image processing & analysis
- 4D imaging & video processing
- Super resolution data analysis
- Colocalization analysis (pixel & object based)
- Imaging-based screens to investigate cell infection
- Image handling for publication

Software
- *Icy*
- *Fiji/ImageJ*

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Deadline for applications: April 30, 2016
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