

**Supplementary Information for Fluorescence
microscopy image noise reduction using a
stochastically-connected random field model**

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Implementations of the competing algorithms used for comparison are available at the websites mentioned here:

NCDF Adaptive Complex Diffusion Despeckling Filter. Source Code: <http://www.mathworks.com/matlabcentral/fileexchange/29801>.

DiffusionO Anisotropic Non-Linear Diffusion Imaging. Source Code, <http://www.mathworks.com/matlabcentral/fileexchange/25449>.

Molecular Hybrid Model for Molecular Image Denoising. Source Code, <http://www.mathworks.com/matlabcentral/fileexchange/21289>.

MSVST Multiscale Variance-Stabilizing Transform. Source Code, <https://sites.google.com/site/bowangzhang/software/msvst79.tar.gz>.

VWNF Versatile Wavelet Domain Noise Filtration Technique. Source Code, http://telin.ugent.be/~sanja/Sanja_files/WaveletDEN.htm.

PURELET PURE-LET for Poisson Image denoising. Source Code, <http://www.mathworks.com/matlabcentral/fileexchange/31557-pure-let-for-poisson-image-denoising>.