超高解像度 & 高解像度の細胞の世界
細胞イメージ集

超解像度

高解像度

ワイドフィールドと3D-SIM画像の比較
Trypanosoma brucei, the causitive agent of African Sleeping Sickness - Sample courtesy of David Engman, Northwestern University (scale bar = 5 um)

HIV (green) trafficking along microtubules (red) toward the nucleus (blue) - Image courtesy of Dave McDonald, University of Illinois

Vibrio cholerae, the causative agent of cholera - Image courtesy of Joe Pogliano, University of California, San Diego

Mycobacterium tuberculosis time lapse imaging over four weeks - Image courtesy of John McKinney, Ecole Polytechnique Federale de Lausanne (scale bar = 13 um)

Algae cells stained with Bodipy TR methyl ester dye to identify lipid droplets required in biofuel development - Sample courtesy of Mark Cooper, University of Washington (scale bar = 15 um)

Toxoplasma gondii replication in an infected cell - Image courtesy of J. Murray, University of Pennsylvania (scale bar = 5 um)
Mouse Intestine, 5 DAPI (Blue), Anti-tubulin (Green), and Phalloidin (Red) - Image courtesy of Paul Appleton, University of Dundee, UK

Streptococcus Cells - Image courtesy of Lynne Turnbull & Cynthia Whitchurch, University of Technology Sydney

Rickettsia parkeri infected Cos7 cells - Image courtesy of of Matt Welch, University of California Berkeley

Hippocampal neurons - Image courtesy of Erik Dent, University of Wisconsin Madison

Growth cones - Image courtesy of Prof. Frank Gertler Koch Institute, MIT

Bacillus subtilis - Image courtesy of Kit Pogliano, University of California San Diego
Widefield vs 3D-SIM Comparisons
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