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Spot Counting

1. Pelletier, M.G., et al., *Characterization of neutrophils and macrophages from ex vivo-cultured murine bone marrow for morphologic maturation and functional responses by imaging flow cytometry*. *Methods*, 2017. **112**: p. 124-146. <http://www.ncbi.nlm.nih.gov/pubmed/27663441>
2. Fei, C., et al., *Connected component masking accurately identifies the ratio of phagocytosed and cell-bound particles in individual cells by imaging flow cytometry*. *Cytometry A*, 2017. <http://www.ncbi.nlm.nih.gov/pubmed/28081295>
3. Yu, Z., et al., *A nuclear targeted dual-photosensitizer for drug-resistant cancer therapy with NIR activated multiple ROS*. *Chem. Sci.*, 2016. **7**(7): p. 4237-4244.
4. Verbrugge, <2016-Verbrugge-Oncotarget.pdf>. *Oncotarget*, 2016.
5. Tay, M.Z., et al., *Antibody-Mediated Internalization of Infectious HIV-1 Virions Differs among Antibody Isotypes and Subclasses*. *PLoS Pathog*, 2016. **12**(8): p. e1005817. <http://www.ncbi.nlm.nih.gov/pubmed/27579713>
6. Rodrigues, M.A., L.A. Beaton-Green, and R.C. Wilkins, *Validation of the Cytokinesis-block Micronucleus Assay Using Imaging Flow Cytometry for High Throughput Radiation Biodosimetry*. *Health Phys*, 2016. **110**(1): p. 29-36. <http://www.ncbi.nlm.nih.gov/pubmed/26606062>
7. Natisvili, T., et al., *Transcriptional Activation of Pericentromeric Satellite Repeats and Disruption of Centromeric Clustering upon Proteasome Inhibition*. *PLoS One*, 2016. **11**(11): p. e0165873. <http://www.ncbi.nlm.nih.gov/pubmed/27806100>
8. Lopes Pinheiro, M.A., et al., *Internalization and presentation of myelin antigens by the brain endothelium guides antigen-specific T cell migration*. *Elife*, 2016. **5**. <http://www.ncbi.nlm.nih.gov/pubmed/27336724>
9. Grimwade, L.F., K.A. Fuller, and W.N. Erber, *Applications of Imaging Flow Cytometry in the Diagnostic Assessment of Acute Leukaemia*. *Methods*, 2016. <http://www.ncbi.nlm.nih.gov/pubmed/27394668>
10. Fuller, K.A., et al., *Development of a robust immuno-S-FISH protocol using imaging flow cytometry*. *Cytometry A*, 2016. <http://www.ncbi.nlm.nih.gov/pubmed/27144299>
11. Evani, S.J. and A.K. Ramasubramanian, *Biophysical regulation of Chlamydia pneumoniae-infected monocyte recruitment to atherosclerotic foci*. *Sci Rep*, 2016. **6**: p. 19058. <http://www.ncbi.nlm.nih.gov/pubmed/26785849>
12. Drechsler-Hake, D., et al., *Mononuclear phagocytes contribute to intestinal invasion and dissemination of Yersinia enterocolitica*. *Int J Med Microbiol*, 2016. **306**(6): p. 357-66. <http://www.ncbi.nlm.nih.gov/pubmed/27107739>
13. Yuan, N., et al., *Bafilomycin A1 targets both autophagy and apoptosis pathways in pediatric B-cell acute lymphoblastic leukemia*. *Haematologica*, 2015. **100**(3): p. 345-56. <http://www.ncbi.nlm.nih.gov/pubmed/25512644>
14. Yason, J.A. and K.S. Tan, *Seeing the Whole Elephant: Imaging Flow Cytometry Reveals Extensive Morphological Diversity within Blastocystis Isolates*. *PLoS One*, 2015. **10**(11): p. e0143974. <http://www.ncbi.nlm.nih.gov/pubmed/26618361>
15. Smirnov, A.S., M. D. Lannigan, J. Criss, A. K., *An improved method for differentiating cell-bound from internalized particles by imaging flow cytometry*. *J Immunol Methods*, 2015. **423**: p. 60-9. <http://www.ncbi.nlm.nih.gov/pubmed/25967947>
16. Parris, C.N.A.Z., S. Al-Ali, H. Bourton, E. C. Plowman, C. Plowman, P. N., *Enhanced gamma-H2AX DNA damage foci detection using multimagnification and extended depth of field in imaging flow cytometry*. *Cytometry A*, 2015. **87**(8): p. 717-23. <http://www.ncbi.nlm.nih.gov/pubmed/26087127>
17. Johansson, J., et al., *Phagocyte interactions with Mycobacterium tuberculosis—Simultaneous analysis of phagocytosis, phagosome maturation and intracellular replication by imaging flow cytometry*. *J Immunol Methods*, 2015. **427**: p. 73-84. <http://www.ncbi.nlm.nih.gov/pubmed/26476130>
18. Hennies, C.M.L., M. A. Janssen, E. M., *Quantitating MHC class II trafficking in primary dendritic cells using imaging flow cytometry*. *J Immunol Methods*, 2015. **423**: p. 18-28. <http://www.ncbi.nlm.nih.gov/pubmed/25967952>
19. Taranukha, D., et al., *Co-regulation of polar mRNA transport and lifespan in budding yeast Saccharomyces cerevisiae*. *Cell Cycle*, 2012. **11**(22): p. 4275-80. <http://www.ncbi.nlm.nih.gov/pubmed/23111244>

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