

## Publications 2020

1. Combination of photoactivation with lattice light-sheet imaging reveals untemplated, lamellar ruffle generation by PA-Rac1 F Leyden, S Uthishtran, UK Moorthi, HM York, A Patil, H Gandhi, EP Petrov, **S Arumugam** (2020) *bioRxiv* DOI: 10.1101/2020.09.01.276824.
2. Combination of photoactivation with lattice light-sheet imaging reveals untemplated, lamellar ruffle generation by PA-Rac1 F Leyden, S Uthishtran, UK Moorthi, HM York, A Patil, H Gandhi, EP Petrov, **S Arumugam** (2020) *bioRxiv* DOI: 10.1101/2020.09.01.276824.
3. FtsZ: The Force Awakens N Yadu, A Namboothiri, **S Arumugam** (2021) *Journal of the Indian Institute of Science* 101:31-38.
4. Rapid Whole Cell Imaging Reveals An APPL1-Dynein Nexus That Regulates Stimulated EGFR Trafficking HM York, A Patil, UK Moorthi, A Kaur, A Bhowmik, GJ Hyde, H Gandhi, A Fulcher, K Gaus, **S Arumugam\*** (2021) *Communications Biology* 4:224.
5. To be more precise: the role of intracellular trafficking in development and pattern formation HM York, J Coyle, **S Arumugam** (2020) *Biochemical Society Transactions* 48(5):2051-2066.
6. Cytotoxic T cells swarm by homotypic chemokine signalling JL Galeano Niño, SV Pagoon, SS Tay, F Colakoglu, D Kempe, J Hywood, JK Mazalo, J Cremasco, MA Govendir, LF Dagley, K Hsu, S Rizzetto, J Zieba, G Rice, V Prior, GM O'Neill, RJ Williams, DR Nisbet, B Kramer, AI Webb, F Luciani, MN Read, **M Biro** (2020) *eLife* 9:e56554.
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8. The Lifeact-EGFP mouse is a translationally controlled fluorescent reporter of T cell activation JL Galeano Niño\*, SS Tay\*, JLE Tearle\*, J Xie, MA Govendir, D Kempe, J Mazalo, AP Drew, F Colakoglu, SK Kummerfeld, CG Proud, **M Biro** (2020) *Journal of Cell Science* 133(5):jcs238014.
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10. Nuclear F-actin counteracts nuclear deformation and promotes fork repair during replication stress N Lamm, MN Read, M Nobis, DV Ly, SG Page, VP Masamsetti, P Timpson, **M Biro**, AJ Cesare (2020) *Nature Cell Biology* 22(12):1460-1470.
11. Partial loss of actin nucleator actin-related protein 2/3 activity triggers blebbing in primary T lymphocytes P Obeidy, LA Ju, SH Oehlers, NS Zulkhernain, Q Lee, JL Galeano Niño, RYQ Kwan, S Tikoo, LL Cavanagh, P Mrass, AJL Cook, SP Jackson, **M Biro**, B Roediger, M Sixt, W Weninger (2020) *Immunology and Cell Biology* 98(2):93-113.
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