

## EMBL Australia publications 2021

### Vaishnavi Ananthanarayanan

**Ananthanarayanan, V.**, 2021. [Cytoskeletal Mechanics](#). *Journal of the Indian Institute of Science*, 101(1), pp.3-3. DOI: 10.1007/s41745-020-00222-0

**Ananthanarayanan, V.**, 2021. [The story of science: successes, failures, luck, privilege, and bias](#). *Molecular Biology of the Cell*, 32(22). DOI: 10.1091/mbc.E21-09-0435

Chacko, L.A. and **Ananthanarayanan, V.**, 2021. [Microtubule-mitochondrial attachment determines cell division symmetry and polarity in fission yeast](#). *bioRxiv*. DOI: 10.1101/2021.12.19.473396 [Preprint]

Choudhury, S., **Ananthanarayanan, V.** and Ayappa, K.G., 2021. [Microtubule dynamics and the evolution of mitochondrial populations in fission yeast cells: A kinetic Monte Carlo study](#). *bioRxiv*. DOI: 10.1101/2021.10.20.465075 [Preprint]

Kumar, H. and **Ananthanarayanan, V.**, 2021. [Friend or Foe? The Role of the Host Cytoskeleton in Cellular Responses to Bacterial Pore Forming Toxins](#). *Journal of the Indian Institute of Science*, 101(1), pp.63-71. DOI: 10.1007/s41745-020-00218-w

Shah, M., Chacko, L.A., Joseph, J.P. and **Ananthanarayanan, V.**, 2021. [Mitochondrial dynamics, positioning and function mediated by cytoskeletal interactions](#). *Cellular and Molecular Life Sciences*, 78(8), pp.3969-3986. DOI: 10.1007/s00018-021-03762-5

Tirumala, N.A. and **Ananthanarayanan, V.**, 2021. [Single-molecule imaging of cytoplasmic dynein reveals the mechanism of motor activation and cargo capture](#). *bioRxiv*. DOI: 10.1101/2021.04.05.438428 [Preprint]

### Pirjo Apaja

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Xu, H., Isenmann, S., López-Hernández, T., Estévez, R., Lukacs, G.L. and **Apaja, P.M.**, 2021. [Control of membrane protein homeostasis by a chaperone-like glial cell adhesion molecule at multiple subcellular locations](#). *Scientific Reports*, 11(1). DOI: 10.1038/s41598-021-97777-4

### Senthil Arumugam

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Leyden, F., Uthishtran, S., Moorthi, U.K., York, H.M., Patil, A., Gandhi, H., Petrov, E.P., Bornschlöggl, T. and **Arumugam, S.**, 2021. [Rac1 activation can generate untemplated, lamellar membrane ruffles](#). *BMC Biology*, 19(1). DOI: 10.1186/s12915-021-00997-3

Mehrar, M. Kumar Y., Olshansky, M., Bansal, D., Dent, C., Hathiwala, D., Zhang, Z., Gandhi, H., Fulcher, A., Huang, C., Price, J., **Arumugam, S.**, Ceman, S., Balasubramanian, S., Papas, B.N., Morgan, M., Miska, E.A., Schittenhelm, R.B., Tripathi, P., and Das, P.P. 2021. [MOV10 facilitates messenger RNA decay in an N6-methyladenosine \(m6A\) dependent manner to maintain the mouse embryonic stem cells state](#). *bioRxiv*. DOI: 10.1101/2021.08.11.456030 [Preprint]

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## Maté Biro

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## Michelle Boyle

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## Max Cryle

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## Yann Gambin

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