

Publications:

Brown, H. J. & Duggin, I. G. (2024). MinD proteins regulate CetZ1 localisation in *Haloferax volcanii*. *Frontiers in Microbiology*, *15*, 1474697

Brown, H. J. & Duggin, I. G. (2023). Diversity and potential multifunctionality of archaeal CetZ tubulin-like cytoskeletal proteins. *Biomolecules*, *13*(1), 134.

Brown, H. J., Islam, M. I., Ruan, J., Baker, M. A. B., Ithurbide, S. & Duggin, I. G. (2024). CetZ1-dependent assembly and positioning of the motility machinery in haloarchaea. *bioRxiv*. (Submitted to Journal of Cell Biology).

Brown, H.J. & Duggin, I. G. (2024). Archaeal tubulin-like proteins CetZ1 and CetZ2 have opposing effects on cell morphology during the growth cycle of *Haloferax volcanii*. *bioRxiv* (Submitted to mBio)

Ithurbide, S., de Silva, R. T., **Brown, H. J.**, Shinde, V. & Duggin, I. G. (2024). A vector system for single and tandem expression of cloned genes and multi-colour fluorescent tagging in *Haloferax volcanii*.

de Silva, R. T., Shinde, V., **Brown, H. J.**, Liao, Y. & Duggin, I. G. (2024) Dynamic self-association of archaeal tubulin-like protein CetZ1 drives *Haloferax volcanii* morphogenesis. *bioRxiv*. (Submitted to Current Biology).

de Silva, R. T., Abdul-Halim, M. F., Pittrich, D. A., **Brown, H. J.**, Pohlschroder, M., Duggin, I. G. (2021). Improved growth and morphological plasticity of *Haloferax volcanii*. *Microbiology*, *167*(2).

Kennedy, K., Cobbold, S. A., Hanssen, E., Birnbaum, J., Spillman, N. J., McHugh, E., **Brown, H.**, Tilley, L., Spielmann, T., McConville, M. J., Ralph, S. A. (2019). Delayed death in the malaria parasite *Plasmodium falciparum* is caused by disruption of prenylation-dependent intracellular trafficking. *PLoS biology*, *17*(7), e3000376.