



Recent Publications – Dr Paul Bowyer

- Bowyer PW, Stewart LB, Aspelting-Jones H, Mensah-Brown HE, Ahoudi AD, Amambua-Ngwa A, Awandare G, Conway DJ. [Variation in Plasmodium falciparum erythrocyte invasion phenotypes and merozoite ligand gene expression across different endemic populations](#). Infect Immun 2015, 83:IAI.03009–14.
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- Child MA, Hall CI, Beck JR, Ofori LO, Albrow VE, Garland M, Bowyer PW, Bradley PJ, Powers JC, Boothroyd JC, Weerapana E, Bogyo M. [Small-molecule inhibition of a depalmitoylase enhances Toxoplasma host-cell invasion](#). Nat Chem Biol. 2013 Aug 11. doi: 10.1038/nchembio.1315.
- Buchholz KR, Bowyer PW, Boothroyd JC. [Bradyzoite pseudokinase 1 is crucial for efficient oral infectivity of the Toxoplasma gondii tissue cyst](#). Eukaryot Cell. 2013 Mar;12(3):399-410. doi: 10.1128/EC.00343-12. Epub 2013 Jan 4
- Hopp CS, Bowyer PW, Baker DA. [The role of cGMP signalling in regulating Plasmodium life cycle progression at multiple stages](#). Microbes and Infection, 3 May 2012 4.
- *Fritz HM, *Bowyer PW, Bogyo MS, Conrad PA, Boothroyd JC. [Proteomic analysis of fractionated Toxoplasma oocysts reveals clues to their environmental resistance](#). Plos One 2012;7(1):e29955. Epub 2012 Jan 18.
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- Bowyer PW, Tate EW, Leatherbarrow RJ, Holder AA, Smith DF, Brown KA. [N-myristoyltransferase: A prospective drug target for protozoan parasites](#), ChemMedChem. 2008 Mar;3(3):402-8.
- Heal WP, Wickramasinghe SR, Bowyer PW, Holder AA, Smith DF, Leatherbarrow RJ, Tate EW. [Site-specific N-terminal labelling of proteins in vitro and in vivo using N-myristoyl transferase and bioorthogonal ligation chemistry](#). Chem. Commun., 2008 Jan 28;(4):480-2.
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- Tate EW, Bowyer PW, Brown KA, Smith DF, Holder AA, Leatherbarrow RJ. [Peptide-based inhibitors of N-myristoyl transferase generated from a lipid/combinatorial peptide chimera library](#), Signal Transduction, 2006, 6(2):160-166.
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