

Dr Lynn Powell

Selected publications

2013

Powell, L. (2013). Analysis of DNA-protein interactions using PAGE: band-shift assays. *Methods Mol Biol.* 1054: 237-51.

2012

Powell, L.M., Chen, A., Huang, Y.C., Wang, P.Y., Kemp, S.E. and Jarman, A.P. (2012). The SUMO pathway promotes bHLH proneural factor activity via a direct effect on the zinc finger protein, Senseless. *Mol. Cell. Biol.* 32: 2849-2860.

2008

Powell, L.M. & Jarman, A.P. (2008). Context dependence of proneural bHLH proteins. *Curr. Opin. Genet. Dev.* 18 (5): 411-7.

Powell, L.M., Deaton, A.M., Wear, M.A. and Jarman, A.P. (2008). Specificity of Atonal and Scute bHLH factors: analysis of cognate E box binding sites and the influence of Senseless. *Genes to Cells* 13 (9): 915-29.

2004

zur Lage, P.I., Powell, L.M., Prentice, D.R.A., McLaughlin, P. & Jarman, A.P. (2004). EGF receptor signalling triggers recruitment of *Drosophila* sense organ precursors by stimulating proneural gene autoregulation. *Dev. Cell* (2004) 7 (5) 687-96.

Powell, L.M., zur Lage, P.I., Prentice, D.R.A., Senthinathan, B. and Jarman, A.P. (2004). The proneural proteins Atonal and Scute regulate neural target genes through different E-box binding sites. *Mol. Cell. Biol.* 24, Issue 21 (9517-26).

Makovets, S., Powell, L.M., Titheradge, A.J., Blakely, G.W. and Murray, N.E. (2004). Is modification sufficient to protect a bacterial chromosome from a resident restriction endonuclease? *Mol. Microbiol.* 51, 135-147.

2003

Powell, L.M., Lejeune, E., Hussain, F.S., Cronshaw, A.D., Kelly, S.M., Price, N.C. & Dryden, D.T.F. (2003). Assembly of *EcoKI* DNA methyltransferase requires the C-terminal region of the HsdM modification subunit. *Biophys. Chem.* 103, 129-137.

2001

O'Neill, M., Powell, L.M. & Murray, N.E. (2001). Target recognition by *EcoKI*: the recognition domain is robust and restriction-deficiency commonly results from the proteolytic control of enzyme activity. *J. Mol. Biol.* 307, 951-963.