

Postdoctoral position available

at Wellcome Trust Centre for Cell Biology in Edinburgh

A post-doctoral position is available in the laboratory of Prof Hiro Ohkura at the Wellcome Trust Centre for Cell Biology, University of Edinburgh, UK. The research aims to uncover the molecular mechanism behind meiotic spindle assembly and chromosome organisation in *Drosophila* oocytes. The laboratory investigates the fundamental mechanisms of chromosome segregation through a combination of genetics, molecular biology, live imaging, modelling and biochemistry/proteomics using *Drosophila* as a model system (ohkura.bio.ed.ac.uk/). We are looking for an enthusiastic and talented researcher to join our team. Experience in *Drosophila* is not essential, but the desire to learn new things is necessary. This position is funded by the Wellcome Trust and is available from the 1st of July 2017.

If you are interested, you are strongly encouraged to contact Prof Hiro Ohkura (h.ohkura@ed.ac.uk) with your CV. For formal application, please see Vacancy Reference 039915 at www.vacancies.ed.ac.uk/.

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Breuer, M., and Ohkura, H. (2015) A negative regulatory loop within the nuclear pore complex controls global chromatin organization. *Genes Dev.* 29, 1789-1794.

Saka, Y., Giuraniuc, C.V., and Ohkura, H. (2015) Accurate chromosome segregation by probabilistic self-organization. *BMC Biology* 13, 65.

Nikalayevich, N. and Ohkura, H. (2015) The NuRD nucleosome remodelling complex and NHK-1 kinase are required for chromosome condensation in oocytes. *J. Cell Sci.* 128, 566-575.

Zhaunova, L., Ohkura, H., and Breuer, M. (2016) Kdm5/Lid regulates chromosome architecture in meiotic prophase I independently of its histone demethylase activity. *PLoS Genet* 12: e1006241.

