Join the Lab

Genetic engineering Imaging ChIP Sequencing Bioinformatics Mass Spectrometry Tissue culture of primary haematopoietic cells

Applications

are invited for two PhD students and one Postdoctoral Research Scientist to join the newly established Transcription & Chromatin Group headed by Dr Doug Vernimmen.

Projects

aimed to characterise enhancer functions and activities using several approaches such as genetics, imaging, biochemistry and bioinformatics. Applicants will benefit from the strong scientific environment here at the University of Edinburgh. The Roslin Institute is dedicated to both applied and basic research and offers an excellent interdisciplinary/collaborative environment within the institute but also with other research centres at the University of Edinburgh and elsewhere e.g. the MRC Molecular Haematology Unit in Oxford.

Graduate Students

We require Scholarships and studentships to fully support PhD students who are enthusiastic about research on transcription regulation. We advise candidates to apply for any scholarships offered by the University of Edinburgh, or other sponsors. Applicants are required to hold at least a first or upper second class Honours degree (or equivalent) in a relevant discipline. Further information on funding is available on the University of Edinburgh Scholarships and Student Finances web site.

Postdoctoral Research Scientist

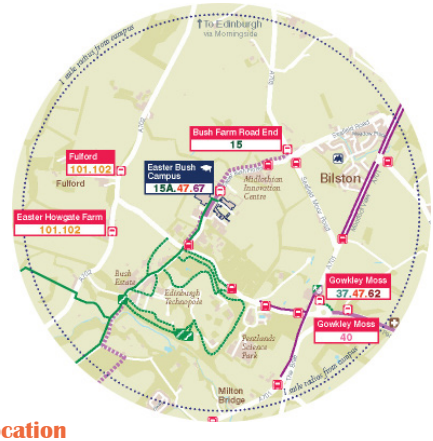
We require a postdoctoral scientist to join the lab and will assist potential candidates develop their own Fellowship bids. Applicants should contact Dr Doug Vernimmen by email together with a copy of their CV by the end of November 2012.

Recent Publications

Douglas Vernimmen, Magnus D. Lynch, Marco De Gobbi, David Garrick, Jacqueline A. Sharpe, Jacqueline A. Sloane-Stanley, Andrew J. H. Smith and Douglas R. Higgs (2011). Polycomb Eviction as a New Distant Enhancer Function. Genes and Development, 25, 1583-1588. (Article featuring in Research Highlights Nature Reviews: Genetics, 12, September 2011).

Douglas Vernimmen, Fatima Marques-Kranc, Jacqueline A. Sharpe, Jacqueline A. Sloane-Stanley, Helen A. Wallace, William G. Wood, Andrew J. Smith & Douglas R. Higgs (2009). Chromosome Looping at the human α-globin locus is mediated via the major upstream regulatory element (HS-40). Blood, 114, 4253-4260.

Douglas Vernimmen, Marco De Gobbi, Jacqueline A Sloane-Stanley, William G Wood and Douglas R Higgs (2007). Long-range chromosomal interactions regulate the timing of the transition between poised and active gene expression. EMBO J, 26, 2041-2051.



Location

The Institute forms part of the University of Edinburgh's Easter Bush Veterinary Campus, approximately 7miles/11km south of the centre of the City of Edinburgh.

At the heart of a growing cluster of bioscience organisations, the Institute has good transport links with Edinburgh, other parts of Scotland, and international destinations.

ROSLIN

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