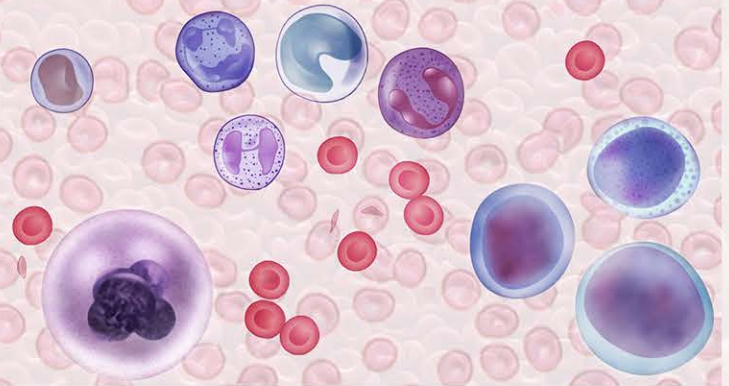


EDINBURGH HAEMATOPOIESIS NETWORK



Postdoctoral Fellow in Epigenetics and Haematology



THE UNIVERSITY of EDINBURGH

Multidisciplinary Research Project at:
The Roslin Institute, The University of Edinburgh

Salary: £32,548 to £38,833 per annum

Research on both chromatin biology and haematopoiesis at the University of Edinburgh has expanded dramatically over the last few years and has become one of the strongest in the UK. This postdoctoral position under the supervision of Douglas Vernimmen / Alan Archibald (The Roslin Institute), Kamil Kranc (MRC Centre for Regenerative Medicine (MRC CRM) and Chris Ponting (MRC Human Genetics Unit (HGU) offers an excellent opportunity to obtain multidisciplinary training in these fields. We seek to recruit a motivated Postdoctoral Fellow to join our dynamic and enthusiastic research groups to investigate molecular (Doug Vernimmen), cell biology (Kamil Kranc) and computational (Alan Archibald/Chris Ponting) aspects of epigenetics and cancer stem cell biology in acute myeloid leukaemia.

This exciting project will focus on epigenetic pathways of human and pig myeloid cells functions and the role of these pathways in the immune system and leukaemic stem cell behaviour. We intend to utilise this knowledge to decipher the genetic control of complex traits, including susceptibility/resistance to disease and the development of epigenetic therapy targeting leukaemic stem cells.

The applicants should have PhD in life sciences and strong expertise in cell (tissue culture and flow cytometry) and molecular biology (including CRISPR approaches) with relevant publications. Knowledge of bioinformatics approaches is desirable. Excellent communication and interpersonal skills, and the ability to work as part of a team as well as semi-independently are crucial.

The appointment will be until 31st December 2019 in the first instance and is available immediately.

For further information about the laboratory please visit:

<https://www.ed.ac.uk/roslin/chromatin-biology-epigenetics>

<http://www.crm.ed.ac.uk/research/group/haematopoietic-stem-cells-and-leukaemia>

http://www.hgu.mrc.ac.uk/people/chris.ponting_researchb.html

Selected publications:

Vernimmen et al., *Genes & Dev.* 25, 1583-1588 (2011)

De Gobbi et al., *Blood Cells Mol & Dis.* (2017)

Vukovic/Guitart, *J. Exp. Med.* 212, 2223-2234 (2015)

Guitart et al, *Blood* 122: 1741-1745 (2013)

Mortensen et al, *J. Exp. Med.* 208:455-467 (2011)

Kranc et al, *Cell Stem Cell* 5:659-665 (2009)

Informal enquiries are encouraged and should be sent to
Dr Doug Vernimmen (douglas.vernimmen@roslin.ed.ac.uk)

Deadline: Monday 14th May 2018, 5.00pm

Interview End of May 2018

Vacancy ref: 043447

https://www.vacancies.ed.ac.uk/pls/corehrrecruit/erq_jobspec_version_4.display_form

