



## **BIOLOGICAL SCIENCES** at The University of Edinburgh

### **Chancellor's Fellowships in Biological Sciences**

As part of a University-wide programme, the School of Biological Sciences seeks to appoint a new cohort of Chancellor's Fellows as an investment in the future of teaching and research. These prestigious Fellowship awards are aimed at early-career individuals of the highest potential who have begun to establish a reputation for the highest quality research at the forefront of their discipline and who have a commitment to learning and teaching at university level. Mentoring and development support will be available through and beyond the Fellowship period.

One of the UK's largest and most highly-rated life sciences departments, the School of Biological Sciences provides an excellent environment for research and teaching with a strong emphasis on interdisciplinary research. We welcome fellowship applicants in the following research areas; exceptional candidates with research interests in other areas of biological or biomedical sciences may also be considered. We expect to appoint at least six Fellows.

#### **Epigenetics and genome function**

We seek to recruit researchers who will investigate how epigenetic information modulates genome function. Research areas of interest include the impact of epigenetics on gene expression and the manipulation of epigenetic mechanisms genetically and pharmacologically to uncover potential therapeutic approaches to disease.

#### **Synthetic biology and biotechnology**

We seek researchers with a strong interdisciplinary background and research interests in using protein, metabolic or morphological engineering to create industrial or agricultural products, manipulate large systems with complex regulation, and engineer complex host organisms.

#### **Infection biology, evolutionary medicine and global health**

We seek researchers with an interest in applying understanding of host-pathogen interactions and immune/infection biology to the development of directed strategies for infection control at the individual level and within populations. Particular areas of interest include the intestinal commensal/pathogen interface, infection/metabolism interactions, population genomics of pathogens, mycobacterial diseases and bacterial antibiotic resistance.

#### **Stem cell biology**

We seek researchers whose primary interest is in the fundamental biology of stem cells, in particular those with interests in molecular regulation of tissue-specific stem cells, including stem cell-niche interactions, and transcriptional, epigenetic and cell cycle regulation. Applications from scientists working on stem cells and cancer stem cells in homeostasis, regeneration and ageing, in mammalian and non-mammalian model organisms are particularly encouraged.

## **How to apply**

Informal enquiries are welcomed and should be directed to the Head of School, Professor David Leach ([hossbs@ed.ac.uk](mailto:hossbs@ed.ac.uk))

Further information on our research institutes and centres can be found at [www.biology.ed.ac.uk](http://www.biology.ed.ac.uk)

The closing date for applications is 17:00 GMT on 18th April 2013. For further information please visit the University's vacancies website at [www.jobs.ed.ac.uk](http://www.jobs.ed.ac.uk)

The University of Edinburgh is committed to ensuring equality of opportunity and holds an Athena Swan bronze award.