

Postdoctoral Research Associate

University of Dundee at SCRI, Invergowrie, Dundee, Scotland

Applications are invited for a post-doctoral position to work on association genetic analysis in barley. The applicant will join a team of European researchers in a European network using cultivated, landrace and wild barley to study genomic diversity and identify useful traits for breeding applications. The successful candidate will:

- Collect and analyse genotype (high throughput SNP) and phenotype trait data, using LD and pedigree-based methods.
- Query cereal databases and comparative maps to extract candidate genes
- Perform next generation sequence analysis of candidate genes from landrace and wild barley germplasm
- Select candidate gene alleles implicated in traits scored above

Applicants should have a biological research background and experience in one or more of the following: molecular genetic analysis, bioinformatics, population genetics, quantitative genetics.

This position is funded by the UK Biotechnology & Biological Sciences Research Council (BBSRC) and is available for 2 years in the first instance, starting around January 2009 or by agreement. Salary starts at Grade 7 (£27,466 - £33,780 depending on experience)

For informal enquiries and further particulars contact Dr Andy Flavell, e-mail: a.j.flavell@dundee.ac.uk

Applications in the form of a CV and covering letter, including the names and addresses of 3 referees, should be sent to HR-LifeSciences@dundee.ac.uk quoting **LS/2403**. Alternatively, please send 2 hard copies of your CV and covering letter to Human Resources, College of Life Sciences, MSI/WTB/JBC Complex, University of Dundee, DD1 5EH. We will only contact you if you are invited for interview.

Informative websites:

<http://www.erapg.org/everyone/9587/18624/18614/18622>

<http://pgrc.ipk-gatersleben.de/barley.net/> (follow Projects link to EXBARDIV)

Closing Date: 24 October 2008

The University of Dundee is committed to equal opportunities and welcomes applications from all sections of the community.

The University of Dundee is a registered Scottish charity, No: SCO15096.

www.jobs.dundee.ac.uk