

## **PhD scholarships within Biotechnology at the Faculty of Life Sciences, University of Copenhagen**

Five PhD scholarships are available within Biotechnology. The scholarships are so-called co-financed stipends supported by the Danish Agency for Science, Technology and Innovation, The Faculty of Life Sciences, Copenhagen University and industrial collaborators.

Applications are welcomed within the following 5 areas:

- 1. Molecular physiology of ion channels (Project title: New members of the BK-channel family as molecular targets for modulation of smooth muscle tone)** Contact person is Professor Dan Klærke, Department of Basic Animal and Veterinary Sciences, dk@life.ku.dk or 35332511
- 2. Differentiating Infected from Vaccinated Animals (Project title: Discriminating diagnostics for DIVA vaccines towards classical swine fever)** Contact person is Associate Professor Birgitte Viuff, Department of Veterinary Pathobiology, bmv@life.ku.dk or 35332734
- 3. Heavy metals in cereal grain (Project title: Physiological and molecular mechanisms regulating transport and speciation of heavy metals in the cereal grain)** Contact person is Professor Jan K. Schjørring, Department of Agricultural Sciences, jks@life.ku.dk or 35333495
- 4. Heavy metal transport (Project title: Characterisation of Zn and Cd P<sub>1B</sub>-ATPases in barley)** Contact person is Professor Michael Gjedde Palmgren, Department of Plant Biology, palmgren@life.ku.dk or 35332592
- 5. Plant cell membrane pumps (Project title: Crystal structure of a plasma membrane proton pump in complex with the regulatory 14-3-3 protein)** Contact person is Associate Professor Morten Buch-Pedersen, Department of Plant Biology, mob@life.ku.dk or 35332593

### **Qualification requirements**

A Master's degree appropriate to the above subject areas

### **Terms of employment**

The posts will be filled in accordance with the Agreement between the Danish Ministry of Finance and the Danish Federation of Professional Associations. The post is covered by the Protocol on Job Structure.

The position as a PhD fellow requires the applicant to be approved for admission to the PhD programme at LIFE when accepted for the post.

The PhD fellows will be affiliated with the Natural Resources cluster of Research Schools at LIFE.

## Questions

General questions regarding PhD programmes should be directed to Course Administration c/o special advisor Michael Cleve Hansen, ph. 3533 2056 (e-mail: [mclh@life.ku.dk](mailto:mclh@life.ku.dk)) or head clerk Lillian Zeuthen Bjørnseth, ph. 3533 2172 (e-mail: [lzb@life.ku.dk](mailto:lzb@life.ku.dk)). Further information on PhD programmes is available at [http://www.life.ku.dk/English/education/phd\\_education.aspx](http://www.life.ku.dk/English/education/phd_education.aspx).

## Application

The application with appendices should be submitted in 4 (sorted) identical copies. The application must include a reply e-mail address. Application by e-mail must be sent as one pdf-file including all documents.

It is required to use LIFE's application form F1, which is available at: [http://www.life.ku.dk/English/education/phd\\_education/forms.aspx](http://www.life.ku.dk/English/education/phd_education/forms.aspx). The application must include the following appendices marked with the stated appendix numbers:

Appendix 1: curriculum vitae with documentation of education.

Appendix 2: material required for expert assessment, including publications and documentation of work experience.

In addition to the material the applicant wishes to be included in the assessment, the Assessment Committee may implicate additional material in the assessment of the applicant. In such circumstances, it is the responsibility of the applicant, on request, to send the material to the Committee.

Following processing of the application, any application material sent will be destroyed. Receipt of the application will be acknowledged by e-mail only. The applicant will be assessed in accordance with the Executive Order no. 170 of 17 March 2005 of the Danish Ministry of Science, Technology and Innovation.

The applications (marked 625-89) should be sent to FOBI, att Solveig Krogh Christiansen, Department of Plant Biology, Thorvaldsensvej 40, 1871 Frederiksberg C, no later than **1 June 2008 at 12.00 noon CET**. The applications shall clearly state which of the above projects they are addressing. Applications received after the closing date for applications will not be considered.