

Postdoc in Mass Spectrometry-based Functional Proteomics

Postdoctoral researcher in 'Mass Spectrometry-based Functional Proteomics' at the Department of Biochemistry and Molecular Biology

A postdoctoral position is available in the research group of Associate Professor Blagoy Blagoev at the Department of Biochemistry and Molecular Biology, University of Southern Denmark, Odense. The position is for one or two years with a possibility for extension. Starting date is 1 September or soon thereafter.

The research group of Blagoy Blagoev has long-term experience in application and integration of SILAC-based quantitative proteomics and bioinformatics with molecular and cell biology to study dynamic signalling networks. Main research areas cover receptor tyrosine kinase signalling as well as adult and embryonic stem cell differentiation (see e.g. Rigbolt KT et al., 2011 *Science Signaling*; Akimov V et al., 2011 *Mol Biosyst*; Prokhorova TA et al., 2009 *Mol Cell Proteomics*; Dengjel J et al. 2007 *Nat Biotechnol.*; Olsen JV et al. 2006 *Cell*; Kratchmarova I et al., 2005 *Science*; Blagoev B et al. 2004 *Nat Biotechnol.*).

We offer an international, dynamic research environment with state-of-the-art instrumentation and facilities for mass spectrometry-based proteomics, cell biology and molecular biology.

The qualified applicant holds a PhD degree and documented background in protein biochemistry. Hands-on training with protein mass spectrometry as well as documented experience with computational data analysis are compulsory. Candidates with experience in quantitative mass spectrometry and the bioinformatics aspects of quantitative proteomics are encouraged to apply. Experience with Orbitrap mass spectrometers and SILAC labelling will be ideal.

We seek a highly motivated individual with a strong scientific background and track-record in mass spectrometry-based proteomics. Experience with large-scale analysis of post-translational modifications would be of further advantage. The successful applicant will primarily use quantitative proteomic approaches to study protein-protein interactions and post-translational modifications such as phosphorylation and ubiquitination, in regard to regulation of mammalian signalling networks. The position focuses mainly on successfully funded projects, without excluding the possibility of the candidates to work on additional research projects of interest.

For further details please contact Associate Professor Blagoy Blagoev, tel.: +45 6550 2366, bab@bmb.sdu.dk.

The successful applicant will be employed in accordance with the agreement between the Ministry of Finance and AC (the Danish Confederation of Professional Associations).

The application must include the following:

- A curriculum vitae including information on previous employment and teaching experience.
- A full list of publications stating the scientific publications on which the applicant wishes to rely.

To qualify you must have passed a PhD or equivalent. Applications will be assessed by an expert assessor/committee. Applicants will be informed of their assessment by the university.

The University encourages all interested persons to apply, regardless of age, gender, religious affiliation, or ethnic background.

Applications must be submitted electronically using the link below. Attached files must be in Adobe PDF or Word format. Each box can only contain a single file of max. 10 Mb. Please read [How to apply](#) before you apply.

[Further information](#) for international applicants about entering and working in Denmark.

Campus:

Odense

Application deadline:

31/07/2013

[Apply online](#)