

Two-year postdoc at the Department of Food Science, Aarhus University

The Department of Food Science at Aarhus University is seeking applications for a 2-year post doc. The Post doc with focus on metabolomics and human nutrition The position includes scientific as well as teaching duties at the Department of Food Science. The position is mainly within nutritional metabolomics, where we seek to elucidate processes in the gastrointestinal tract and how these are affected by diet. Special focus is on the development and application of fecal metabolomics. The main field of expertise is within NMR-based metabolomics techniques, data processing and multivariate data analysis. The intended start date for this appointment is January 1, 2022.

The candidate is expected to:

- Perform NMR spectroscopic analyses including sample preparation
- Process and analyze data including the application of multivariate data analysis
- Write articles for high impact journals
- Assistance of users/students from the department in experimental procedures such as sample preparation as well as NMR experiments
- Assist students in data collection software and data analysis
- Participate in teaching at bachelor and master level, including laboratory courses
- Various duties related to the Department of Food Science

Qualifications:

The successful candidate must have:

- Extensive experience in NMR-based metabolomics, spectral data analysis, and multivariate data analysis of metabolomics data
- A strong background in nutritional metabolomics
- Experience with fecal metabolomics data
- Documented strong writing skills
- Solid understanding of human physiology and nutrition, metabolism and biochemical processes in the gastrointestinal tract
- A good technical understanding of NMR and hands-on experience in running and maintenance of NMR spectrometer
- A MSc and PhD degree in food science, analytical chemistry, biochemistry or similar

We offer a challenging and independent job opportunity in an ambitious and inspiring research and education environment with an informal atmosphere. We are looking for a dynamic employee who is able to work independently and maintain an overview during periods of high workload. We expect that you are efficient at planning your time and organizing major tasks. You enjoy interaction with both scientific staff, students and technical-administrative staff and you have a flair for establishing collaborative relationships.

The application must be in English and include curriculum vitae, publication list, degree certificate, and a description of previous relevant merits. The application should include the names and e-mail addresses of three people who can provide a letter of reference.

Read more about the Department of Food Science at www.food.au.dk.

The place of work is Department of Food Science, Aarhus University, Agro Food Park 48, Skejby, 8200 Aarhus N,

For further information on the position please contact professor Hanne Christine Bertram (email: hannec.bertram@food.au.dk, phone: +45 61687389)

All interested candidates are encouraged to apply, regardless of their personal background.

Application Deadline:
01 September 2021

Faculty:
Faculty of Technical Sciences

Institute/Faculty:
Department of Food Science

Academic contact person:
Hanne Christine Bertram
Professor
hannec.bertram@food.au.dk
+4561687389

Vacant positions:
1

Hours per week:
37

Number of months:
24

Expected date of accession:
01/01/2022

Deadline for applications

All applications must be submitted online no later than 1 September 2021.

Application procedure

Shortlisting is used. This means that after the deadline for applications – and with the assistance from the assessment committee chairman, and the appointment committee if necessary, – the head of department selects the candidates to be evaluated. All applicants will be notified whether or not their applications have been sent to an expert assessment committee for evaluation. The selected applicants will be informed about the composition of the committee, and each applicant is given the opportunity to comment on the part of the assessment that concerns him/her self. Once the recruitment process is completed a final letter of rejection is sent to the deselected applicants.

Letter of reference

If you want a referee to upload a letter of reference on your behalf, please state the referee's contact information when you submit your application. We strongly recommend that you make an agreement with the person in question before you enter the referee's contact information, and that you ensure that the referee has enough time to write the letter of reference before the application deadline.

Unfortunately, it is not possible to ensure that letters of reference received after the application deadline will be taken into consideration.

Formalities and salary range

Technical Sciences refers to the [Ministerial Order on the Appointment of Academic Staff at Danish Universities under the Danish Ministry of Science, Technology and Innovation](#).

The application must be in English and include a curriculum vitae, degree certificate, a complete list of publications, a statement of future research plans and information about research activities, teaching portfolio and verified information on previous teaching experience (if any). Guidelines for applicants can be found [here](#).

Appointment shall be in accordance with the collective labour agreement between the Danish Ministry of Finance and the Danish Confederation of Professional Associations. Further information on qualification requirements and job content may be found in the [Memorandum on Job Structure for Academic Staff at Danish Universities](#).

Salary depends on seniority as agreed between the Danish Ministry of Finance and the Confederation of Professional Associations.

Aarhus University's ambition is to be an attractive and inspiring workplace for all and to foster a culture in which each individual has opportunities to thrive, achieve and develop. We view equality and diversity as assets, and we welcome all applicants.

Research activities will be evaluated in relation to actual research time. Thus, we encourage applicants to specify periods of leave without research activities, in order to be able to subtract these periods from the span of the scientific career during the evaluation of scientific productivity.

Aarhus University offers a broad variety of services for international researchers and accompanying families, including relocation service and career counselling to expat partners. Read more [here](#). Please find more information about entering and working in Denmark [here](#).

Aarhus University also offers a Junior Researcher Development Programme targeted at career development for postdocs at AU. You can read more about it [here](#).

The application must be submitted via Aarhus University's recruitment system, which can be accessed under the job advertisement on Aarhus University's website.

Aarhus University

Aarhus University is an academically diverse and research-intensive university with a strong commitment to high-quality research and education and the development of society nationally and globally. The university offers an inspiring research and teaching

environment to its 38,000 students (FTEs) and 8,000 employees, and has an annual revenues of EUR 885 million. Learn more at www.international.au.dk/