



Date: 17. june 2009

Ref: DBO

J.No.: 252/06-P29008

At the Faculties of Engineering, Science and Medicine, Department of Health Science and Technology a position as **Postdoc in Cancer Stem Cells** (position no. P29008) is open for appointment from 1.9.2009.

Job description:

The position is available from 1 September 2009 or soon hereafter.

Research areas will be within Cancer Stem Cells. The postdoc will join a research group consisting of medical doctors, biochemists, biologists, medical students and technicians, working on treatment of cancer in the central nervous system (CNS) with a special focus on cancer stem cells. The main focus of the group is to identify and characterize cancer stem cells with a main focus on how to stop tumor growth by indication of cancer stem cells using targeted therapeutics. The work is performed using both in vitro and in vivo experiments in cell cultures and animal models. The work is done in a stimulating international environment collaborating with research groups from other countries. Applicants should be able to document proficiency in cellular and molecular biology. Main tasks will involve establishment and maintenance of primary cultures of cancer stem cells and other cell cultures, working with plasmid DNA and thereto related molecular biology and techniques. Additional interest or experience in pharmacology, among others in preparation of drug carrier-conjugates e.g. liposomes, which will allow drug delivery to the brain, will be welcomed. The candidate's personal scientific interests and ideas will of course be taken into account during the course of the project.

Department of Health Science and Technology carries out multi-disciplinary research and teaching in the area of health science and technology. The department has 155 employees and is responsible for more than 500 master students within Biomedical Engineering, Health Informatics, Medicine with Industrial Specialization, Clinical Science and Technology and Sports Science. More than 60 Ph.D. students are enrolled in the doctoral school affiliated to the department. The department has laboratory facilities for 3D movement analysis, respiratory and circulatory examination, sensory and motor functions analysis, brain analysis, tissue culturing, stem cell examination etc. - for more information, see: <http://www.hst.aau.dk>

Qualification requirements:

Limited teaching within the area can be expected, but also in other study programmes at the University.

Appointment to Postdoc presupposes scientific qualifications at PhD-level or similar scientific qualifications. The research potential of each applicant will be emphasized in the overall assessment. Appointment to Postdoc cannot exceed a period of four years in total at the same institution (appointment at Assistant Professor level cannot exceed a period of eight years in total in Denmark, however max. six years at Assistant Professor level at Aalborg University).

The Ministry of Finance Circular concerning the job structure for academic staff at universities can be seen on: <http://www.aau.dk/fak-tekn/personplan/>.

The application must contain the following:

- A motivated text wherein the reasons for applying, qualifications in relation to the

position, and intentions and visions for the position are stated.

- A current curriculum vitae
- Education (copies of documentation for degrees obtained)
- Scientific qualifications. A complete list of publications must be attached with an indication of the works the applicant wishes to be considered as well as 3 copies of each of these works.
- Dissemination qualifications, including participation on committees or boards, participation in organizations and the like.
- Additional qualifications in relation to the position.
- References/recommendations
- Personal data

Guidelines for applicants regarding application and procedure can be seen on:
<http://en.ins.aau.dk/about-ins/3919224>.

An assessment committee will assess all candidates.

Appointment and salary acc. to the agreement between the Ministry of Finance and the Danish Confederation of professional Associations (AC) on Academics in the State.

You may obtain further information from Professor, dr.med., PhD Torben Moos, +45 9940 2420, tmoos@hst.aau.dk

Application marked position number, including CV, diploma, particularly relevant publications, other documentation as well as a complete list of the enclosed documentation, all in 4 copies (but only 3 copies of the publications) must arrive at Aalborg University with the morning post by the 17.7.2009.

Application is to be forwarded to :

Aalborg Universitet
De Ingeniør-, Natur- og Sundhedsvidenskabelige Fakulteter
Niels Jernes Vej 10
DK-9220 Aalborg Øst

**Aalborg University (AAU) conducts teaching and research to the highest level
in the fields of humanities, engineering, and natural, health, and social sciences.**