

The **Faculty of Health Sciences** – a joint faculty of the University of Potsdam, the Brandenburg Medical School Theodor Fontane, and the Brandenburg University of Technology Cottbus-Senftenberg – hereby announces a research-oriented

W3 Professorship Stem Cell Biology of Aging

to be filled as soon as possible at the Brandenburg University of Technology Cottbus-Senftenberg.

The joint Faculty of Health Sciences of the three member universities brings together the health sciences competencies of the federal state of Brandenburg. The new faculty will develop and expand research and teaching in the region with a total of 16 new appointments.

This professorship is assigned to the Brandenburg University of Technology (BTU). BTU is the sole technical university in the state of Brandenburg. It combines international research with future-oriented teaching, and also offers a unique curriculum in which students can pursue various degree programs that offer a university or university of applied science degree, or a so-called dual study-work program degree.

The successful candidate will have expertise in experimental cell biology, preferably in stem cells. This position is focused in particular on researching age-related diseases.

Disturbances in development processes are the cause of many diseases, including the development of tumors. The professorship in the stem cell biology of aging can develop a focus both in the area of induced pluripotent stem cells (iPS cells) and in the area of adult stem cells. It thus constitutes a key interface to the professors of medically oriented biotechnology at the BTU. The professorship should research the basic processes of differentiation of cell and organ systems at the molecular level, with the goal of deriving new therapeutic approaches for treating age-related illnesses. This would elevate the profile at the Faculty of Health Sciences, for example in the field of regenerative medicine or oncology. This professorship -- within the overall concept of the Faculty of Health Sciences -- is situated in the field of patient-oriented basic research and also includes aspects of data collection on multiple life phases.

We welcome applications from physicians and medical professionals, as well as from candidates from the life sciences field, both from Germany and internationally.

What is required:

- A completed university degree in a subject area appropriate to fulfill the obligations associated with the professorship;
- Documentation of teaching and research activities in the field of experimental cell biology, preferably in stem cells;
- Several years of scientific activity after the doctorate in the aforementioned field, documented by scientific publications in international peer review journals;
- Successes in the acquisition of external funding (e.g., DFG, BMBF, EU); for candidates from outside Germany, please demonstrate success in acquisition of third-party funding from similar, national-level funding institutions.

The successful candidate is expected to establish a "stem cell biology of aging" research profile with strong external funding, to network with professors at the Brandenburg Health Campus, and to teach courses in the degree programs at the Faculty of Health Sciences.

For further information, please contact the Office of the Dean of the Faculty (dekanat@fgw-brandenburg.de).

Other obligations are enumerated in Section 42 of the Brandenburg Higher Education Act (BbgHG) in conjunction with Section 3 BbgHG. The eligibility requirements and conditions are set out in Sections 41 subsection 1 numbers 1 to 4a and 43 BbgHG. The successful candidate will have completed post-doctoral studies (Habilitation) or have comparable academic achievements and a clear scientific profile with internationally recognized research achievements. Research topics should be relevant for the German Research Foundation (DFG) or comparable international research funding institutions. Courses will also be conducted in English.

JOINT FACULTY

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The BTU is striving to increase the proportion of women in research and teaching, and therefore encourages applications from qualified women. As a family-oriented university, the BTU offers support for dual careers (Dual Career Service). Severely disabled applicants will be given preferential consideration in the event of equal qualification.

Please also note the data protection statements on the BTU's website.

Please send your application by email with documentation of your qualifications, a tabular presentation of your career, a list of publications, documentation of teaching competence, and the filled-out [questionnaire](#) in one summarized PDF file with a max. of 7 MB **by 20 April 2020** to:

Email: fakultaet-gw+bewerbungen@b-tu.de.

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