

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 in Polypharmacology 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 combine experimental pharmacological research into cell and organ systems with knowledge of personalized medicine in order to improve medical care in Brandenburg.

Complex pharmacotherapies play a key role as patients age. The objective of the professorship is to research the understanding of the drug effects, side effects and multiple drug interactions in elderly patients. The interactions between various drugs in older patients is a relatively new field within personalized medicine; it is highly complex and builds on various issues and subjects at the Faculty of Health Sciences. Furthermore, one research aim could be to conduct investigations of the relevance and influence of the impact of pollutants from the environment, food, and in general from chemicals, and their reciprocal effects. The professorship offers interfaces to many fields in the life sciences at the BTU and to various other research focus areas at the Faculty of Health Sciences.

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 pharmacology in cell and organ systems;
- 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 "polypharmacology of aging" research profile with strong external funding, to network with professors in the faculty, 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

of the University of Potsdam, the Brandenburg Medical School Theodor Fontane
and the Brandenburg University of Technology Cottbus-Senftenberg

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.

JOINT FACULTY

of the University of Potsdam, the Brandenburg Medical School Theodor Fontane
and the Brandenburg University of Technology Cottbus-Senftenberg