The Institute for Biomedical Engineering (BMT) at the University of Stuttgart is located in the Faculty 4 and synergizes with other institutes in the field of bio- and chemical engineering. With the appointment of Prof. Giorgio Cattaneo as chair holder and head of the institute in September 2019, topics of cardio- and neurovascular technology become a research focus at the institute. New laboratories will be established with the aim of development and investigation of catheter systems and implants in mock circulation models. In a network with academic and industrial partners from biology, medicine and medical technology we pursue and interdisciplinary and application-oriented research.

The BMT offers a position as a **Research assistant/scientific employee (m, f, d)** in the field of cardio- and neurovascular applications to take in part-time work (50%). The reimbursement occurs according to E13/E14 TV-L. The employment is initially for a limited period of up to 3 years according to the requirements of the WissZeitVG with the possibility of an extension for a further 3 years. An extension up to a 100% employment on basis of third-party funds is possible.

**Your tasks**
As an employee of the BMT you lead projects in the experimental research on cardio and neurovascular implants in blood circulation models. You focus on new biomaterials and coating technologies and their interaction with biological tissue, investigating aspects of hemodynamic, coagulation and vessel reaction. You coordinate the research activities and supervise students in the new lab. In your research field, you raise third-party funding and lead granted Projects communicating with academic and industrial partners. You put your own accents in research and contribute to the expansion of the international scientific network. You will contribute to teaching activities with 2 hours per week at 50% part-time.

**Your profile**
You concluded a university education, preferably with doctorate, in the field biology, biotechnology or biomedical engineering. Experience in one of following areas is desirable:

- work with blood or blood products
- Investigation of biomaterials and coatings, particularly in the field of cardiovascular engineering
- Fluid dynamics investigation with use of blood or blood substitutes
Publication activity, involvement in funding projects

We assume good communication forms as well as team ability.

Your application

Please submit the usual documents (as a single document in PDF format) until 27th April (application deadline) to the Institute for Biomedical Technology at the university of Stuttgart, Prof. Giorgio Cattaneo, Seidenstrasse 36, 70174 Stuttgart or by e-mail at: bmt@bmt.uni-stuttgart.de. Applications after the deadline cannot be considered.

Prof. Giorgio Cattaneo is available to you for closer information. We ask you to present written application documents only in copy, because these are correctly obliterated after the tender. Application costs will not be refunded.

You find information according to the article 13 DS-GVO about the handling of applicant’s data under https://uni-stuttgart.de/datenschutz-bewerbung.

The university of Stuttgart would like to raise the ration of women in the scientific area. Therefore, women are expressly requested to apply for the position. Full-time places are basically divisible. Severely disabled person are prioritized at same suitability. The employment occurs through the central management.

**Anforderungsprofil**

**Your profile**

You concluded a university education, preferably with doctorate, in the field biology, biotechnology or biomedical engineering. Experience in one of following areas is desirable:

- Work with blood or blood products
- Investigation of biomaterials and coatings, particularly in the field of cardiovascular engineering
- Fluid dynamics investigation with use of blood or blood substitutes
- Publication activity, involvement in funding projects

We assume good communication forms as well as team ability.

**Vergütung**

According to our discussion

**Art der Beschäftigung**

Teilzeit

**Zeitraum der Beschäftigung**

Nach Vereinbarung

**Bewerbungsfristende**

Montag, 27. April 2020 - 23:59

**Kontakt**

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