

# TECHNICIAN POSITION (E11) IN OPTICAL AND FORCE MICROSCOPY

Unmittelbar der Medizinischen Fakultät zugeordnet, Erlangen, TV-L E 11, Vollzeit, Befristete Anstellung, Bewerbungsschluss: 30.11.2024

## Your Tasks

The Franze lab is interested in how mechanical signals such as tissue stiffness or cellular forces regulate neuronal function during development and disease. The lab studies how cells feel their mechanical environment, and how mechanical and chemical signals are integrated by cells. Key microscopy techniques exploited by the lab include atomic force microscopy, optical tweezers, calcium imaging, cLSM, FLIM and TIRF.

Your tasks include:

- Support and maintenance of our microscopes
- Training of laboratory staff and collaborators
- Support for research projects
- Microscope development
- Management of the online booking calendar and equipment documentation
- If desired, participation in scientific projects is possible, time permitting

## Your Profile

### Necessary qualifications:

- Excellent theoretical and practical knowledge of microscopy
- Master's or Diploma degree in biology, physics, engineering sciences, or a related discipline
- Good knowledge of English
- A communicative and team-orientated way of working
- High personal motivation, flexibility and reliability

### Desirable qualifications:

- Experience in AFM and/or optical tweezers
- Experience in handling biological tissues and cell lines
- Experience with image analysis
- Experience of working in S1/S2 safety areas

## Additional Information

Befristetes Forschungsvorhaben

Your benefits:

- Work in an interesting and varied area of responsibility in a modern research building and in an

international environment in a young and collegial team

- The opportunity to contribute to cutting edge research using the latest technologies
- All the benefits of public service (holiday pay, Christmas bonus, 30 days holiday entitlement, etc.)
- Regular training opportunities
- Support with finding suitable childcare facilities if needed

\*Fixed-term: The funds for this position are available initially for 24 months, with a subsequent option for permanent employment.

- The position is full-time (100%) or part-time (min. 50%) and is initially limited to 2 years, with a subsequent option for permanent employment.
- Remuneration in accordance with TV-L, depending on qualifications and professional experience (up to TV-L E11).

## Interessiert?

Die vollständige Stellenausschreibung sowie alle Infos zum Bewerbungsverfahren finden Sie hier:

