



## **Job advertisement for a postdoctoral research associate in pharmaceutical biology**

At the Chair of Pharmaceutical Biology at FAU Erlangen-Nürnberg, we develop new drug carriers and biomaterials that use principles found in nature to better treat bacterial infections. We are studying the communication between bacteria and cells in order to find new therapeutic approaches for inflammatory diseases. Another area of research is the isolation of new antimicrobial and cytostatic natural products from pharmacopoeial plants.

We are looking for **postdoctoral research associate** (f/m/d, full time)

to establish a project in the field of natural product-based plant research and in the organization of practical courses in pharmaceutical biology in the state examination in pharmacy.

### **What we are looking for**

We are looking for a talented and motivated candidate with PhD in the field of Pharmacy, Biology, Biotechnology or a related field from a nationally or internationally known institution. The successful candidate will be adept in cell and/or plant culture. Additional knowledge of extracellular vesicles is considered desirable. She/he will have experience with molecular biology methods including Western blot, flow cytometry, confocal microscopy and immunological expertise with cell lines.

Independent work and a proactive attitude towards new projects are essential requirements for this position. The candidate will be expected to assist in the supervision of Master's students and PhD students. Experience with organizing and conducting practical courses in pharmacy or related subjects is an asset. Licensure as a pharmacist is desired.

Fluent written and oral communication in English is essential. Good knowledge of MS Office (Power Point, Excel, Word) and Corel software, as well as knowledge of literature review and data processing software (e.g. Endnote/Citavi, SigmaPlot) is essential. Good to very good knowledge of the German language is considered advantageous.

### **What we offer**

We offer an attractive and multidisciplinary position in the field of pharmaceutical biology research, in particular on understanding the role of extracellular vesicles in the communication system of plants. Our international group and department allow collaboration with pharmacists, chemists and biologists in a modern research environment. Grant proposal writing will be supported in close collaboration with the group leader.

The successful candidate will have the opportunity to gain substantial teaching experience in pharmacy education. He/she will gain advanced scholarly skills in student supervision, proposal writing, and personal career development.

**Start date:** March 1, 2022 or as soon as possible.

The contract is for a full-time, three-year position.

Remuneration: A13 a.Z.

Place of work: Chair of Pharmaceutical Biology, Department Biology, Staudtstr 5, 91080 Erlangen

For further information please contact Prof. Dr. Gregor Fuhrmann at [gregor.fuhrmann@fau.de](mailto:gregor.fuhrmann@fau.de) or phone +49 913185-28241.