



**The Chair for Pharmaceutical and Medicinal Chemistry**  
at the Julius-Maximilians-Universität Würzburg (Germany) is offering a position as

## **Postdoctoral Researcher (f/m/d) in the field of “RNA delivery and Lipid Nanoparticles”**

**under the supervision of Prof. Dr. Andreas Brunschweiler.**

The position is full time and limited to a maximum duration of two years with the possibility of extension; remuneration will be according to the *Tarifvertrag für den öffentlichen Dienst der Länder (collective agreement for the public service of German federal states, “TV-L”)*. Part time employment is possible, unless all job duties can be fulfilled by job sharing.

### **Project description**

The position is an integral component of the research consortium “RNA delivery and Lipid Nanoparticles” including industry collaborators, start-up companies, and academic partners which is funded by the German Federal Ministry for Economic Affairs and Climate Action (BMWK).

The consortium is developing innovative polymers enabling efficient lipid nanoparticle (LNP) production for mRNA delivery with the ultimate goal of reaching remote tissues.

The offered position provides unique abilities, immediately on-site work (Hybrid-Lipid/Hybrid-Polymer synthesis, LNP manufacture, advanced cell cultures, single-cell RNA seq., etc.), and access to all critical expertise required for the R&D of advanced delivery systems for therapeutic mRNA, including various cells derived from induced pluripotent stem cells, animal studies, and advanced imaging modalities.

Applicants should hold a PhD and have a strong scientific background in chemical/process engineering, nucleic acid/oligonucleotide chemistry, chemical biology, biochemistry, or pharmacy. Experience with molecular biology techniques and cell culture is an advantage. The position is open immediately.

### **Qualifications**

- A strong desire to perform research with enthusiasm, creativity, and high grade of self-motivation.
- Ability to work independently and as part of an international team.
- Outstanding PhD in in pharmacy, chemistry, material science, biochemistry, physics, or a related field.
- Practical skills in pharmaceutical sciences and/ or chemistry and/or biochemistry.
- Strong written and spoken English language communication skills.



### **We offer**

- State-of-the art infrastructure promoting scientific progress and interdisciplinary collaboration.
- promoting equal opportunities and competencies for our employees and celebrating diversity are a matter of course for us.
- Salary and social benefits according to collective agreement (TV-L).

### **Please include the following documents and information within your application:**

- Letter of motivation
- CV and degree certificates
- Letter of reference or Email address of a putative referee, if possible.

**Please send your application with all relevant documents to:**

**Institut für Pharmazie und Lebensmittelchemie  
Lehrstuhl für Pharmazeutische Chemie  
Prof. Dr. Andreas Brunschweiler  
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[andreas.brunschweiler@uni-wuerzburg.de](mailto:andreas.brunschweiler@uni-wuerzburg.de)**

**Application deadline: June 15<sup>th</sup>, 2024**

The University of Würzburg is an equal opportunity employer. As such, we explicitly encourage applications from qualified women. Severely handicapped applicants will be given preferential consideration in the case of broadly equal suitability, ability, and professional achievements.



Please do not send any original documents to us; only send photocopies. As we need to save costs, we will not be able to return your documents to you. They will be shredded shortly after a hiring decision has been made. If you enclose a postage-paid return envelope, we will return your application documents to you three months after a hiring decision has been made.