

Position Opening

The Chair for Pharmaceutical and Medicinal Chemistry (Institute for Pharmacy and Food Chemistry) at Julius-Maximilians-Universität Würzburg (JMU), Germany, is inviting applications for

2 PhD positions in DNA-encoded library (“DEL”) technology (Brunschweiger group).

The contracts can start in 2023 and will be fixed term for an initial period of three years. The position is time/part time. Remuneration will be based on the *Tarifvertrag für den öffentlichen Dienst der Länder* (collective agreement for the public service of German federal states, TV-L).

The following two projects can be applied to:

1. Development of synthesis methods to expand the chemical space of DNA-encoded libraries;
2. Screening and hit validation methods for DNA-encoded libraries.

Method development will result in the design, synthesis, and screening of DNA-encoded libraries on targets of biomedical interest. The research projects offer insights into all facets of a modern technology that is used by all Pharma companies for small molecule screening: Encoded screening library design, screening, and drug identification. It gives the opportunity to perform research within an international consortium.

Part of the research will be associated to the framework of a Wellcome Trust-sponsored international consortium that includes the Brunschweiger group and research groups at the Universities of Manchester and Newcastle.

The following qualifications are required:

- University Master's degree in Chemistry, Chemical Biology, or in a related subject like Life Sciences or a Pharmacy degree (2. *Staatsexamen* or equivalent);
- strong interest in interdisciplinary work in a Life-Science-related subject.
- The applicant for project 1 should have sound knowledge of organic chemistry;
- The applicant for project 2 should have sound knowledge of biochemistry.

Your application should include the following documents:

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

Please send your convincing application and supporting documents, preferably via email, to:

PD Dr. rer. nat. Andreas Brunschweiger

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We would be happy to answer any questions concerning this position.

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.