

The research group of Dr. Dimitrios Papadopoulos at the University of Würzburg investigates RNA-based mechanisms of tumor maintenance. The group is looking for candidates with an outstanding background in Life sciences to fill:

PhD student and Postdoc positions (f/m/d)

The positions are funded by the **German Research Foundation (DFG)** (CRC 387 – “UbiQancer”) and a **European Research Council (ERC) Starting Grant** (“TerSor”). The projects will be carried out in the Department of Biochemistry and Molecular Biology, which is part of the Biocenter of the University Würzburg (biozentrum.uni-wuerzburg.de/en/molbio).

The projects will 1. investigate how the MYCN oncoprotein enables aggressive pediatric cancers to grow rapidly and evade the host immune system via its recently discovered RNA-binding function and 2. characterize RNA-based proteolysis targeting chimeras (RNA-PROTACs) that degrade key proteins maintaining colorectal cancer cells.

We offer

- Well-funded, cutting-edge research projects.
- Hands-on supervision with internal skill building seminars.
- Close collaboration with leading experts in medicinal chemistry, cancer and molecular biology.
- Excellent networking opportunities within the University of Würzburg, the CRC 387 consortium and the Mildred Scheel Early Career Center.
- Full-time appointment for 3 years with a competitive salary (TV-L E13) and possible extension.
- For PhD candidates: Enrolment in the Graduate School of Life Science which offers a wide range of skill building courses.

Your profile

- Excellent MSc/PhD degree in biology, biochemistry, or a related field.
- Wet-lab experience in one of these fields.
- Fluency in written/spoken English (minimum C1 level), knowledge of German is not required.
- Prior experience in bioinformatics is strongly advantageous.

We welcome applications from suitably qualified people regardless of race, gender or disability. The University aims to increase the proportion of female employees, therefore applications from qualified women are particularly welcome. Preference will be given to people with disabilities in the case of otherwise equal aptitude.

Applications must contain a CV, a one-page letter of motivation, relevant degree certificates and academic transcripts as well as contact details of two references (for PhD candidates one of the referees must be the MSc thesis supervisor).

Please send the documents as a **single PDF file** via email to:

Dr. Dimitrios Papadopoulos
Attn. Monika Reichert
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Application deadline: 8.11.2024