

Job opening for two postdoctoral positions at the TU Dortmund University, Dortmund, Germany.

The lab of Daniel Rauh at the TU Dortmund University (<https://www.rauh-lab.de/>, <https://twitter.com/ddhdortmund>) is currently looking for two post-doctoral fellows to join our team. The positions are available immediately, initially for 1 year, but with the possibility of further extension until 2026. Payment and benefits are based on the TVöD (wage agreement for public service personnel) guidelines (100 %, EG 13 or 14 TV-L – depending on prior experience).

We are looking for **experts in protein expression in insect and mammalian cells as well as in structural determination via protein X-ray crystallography and cryoEM**. The projects will deal with the expression, purification, and structural characterization of receptor tyrosine kinases (RTKs) and the effect of mutations and drug resistance in cancer. Successful candidates will be highly motivated to succeed, able to think critically, and can work both independently and collaboratively. Good verbal and written communication skills are essential.

To better understand acquired resistance and develop more effective inhibitors, the Rauh Lab employs multiple techniques such as protein X-ray crystallography, structure-based design, organic synthesis, and biochemical and cellular compound screening. Moreover, we strive to narrow the gap between academic research and practical pharmaceutical applications.

In case you are interested in the advertised position, please send the usual documents (CV, a short description of your prior experience and motivation, as well as contact information of 2 referees in a single pdf file to office-cb.ccb@tu-dortmund.de), and don't hesitate to contact me in case of questions.

Daniel Rauh (daniel.rauh@tu-dortmund.de)