

Dortmund, March 2018

DNA-encoded libraries of small drug-like molecules are an emerging screening technology for drug identification in academia and industry.

We offer a
Ph.D. position

in **DNA-encoded chemistry** in a DFG-funded interdisciplinary project with researchers from TU Dortmund University and the University of Frankfurt.

In this joint research project of the research groups Brunschweiler and Koch, the candidate will design DNA-encoded libraries targeting tumor-relevant protein surfaces with state-of-the-art computational methods including cheminformatics and molecular design, develop a synthesis route for DNA-encoded libraries using synthesis methodology established in the Brunschweiler lab, and screen the libraries on tumor-relevant proteins with the aim to identify novel inhibitors.

Students, who are interested in this project, send their application including CV to andreas.brunschweiler@tu-dortmund.de

For a detailed job advertisement see:
<http://www.ccb.tu-dortmund.de/brunschweiler> or
<http://www.ccb.tu-dortmund.de/koch>

Dr. Andreas Brunschweiler & Dr. Oliver Koch