

Research profile for applicants

Name of DKFZ research division/group:	Cell and Tumor Biology/Cancer Drug Development (A390)
Contact person:	Dr. Peter Nikolas Gunkel n.gunkel@dkfz-heidelberg.de
Group homepage: <i>Visit this website for further information on current research and recent publications.</i>	https://www.dkfz.de/en/cancer-drug-development

RESEARCH PROFILE AND PROJECT TOPICS

Our group designs and shares specialized small molecule probes to explore important biological questions and develop some of these inhibitors into lead compounds for drug discovery. Our workflows include target identification, assay development, chemical synthesis, compound screening, and evaluation in cellular models, including those involving tumor-immune cell interactions. We aim to achieve proof-of-concept both in vitro and in vivo as a foundation for further development and external funding. Our drug discovery team collaborates broadly within DKFZ and is experienced across diverse target classes, helping translate basic research into new small molecule therapeutics.



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