

Biologist, Pharmacist, Biochemist as a postdoc scientist for oncology drug development

The NanoCapture project is developing a new method for the selective delivery of nanomedicines to treat cancers. We are based in the Department of Pharmacy at Ludwig-Maximilians-Universität Munich. Recently, the NanoCapture team won the prestigious **GO-Bio grant** from German Federal Government - BMBF, to perform preclinical studies for our innovative approach in order to attract the investment and spin-off into a biotech company.

To strengthen our interdisciplinary team, we are looking for a **postdoc specialist in tumor biology**. The ideal candidate should have a strong background in tumor biology and pathology as well as in *in vivo* tumor mouse models. In addition, the candidate should have extensive knowledge of the tumor microenvironment and vasculature as well as mechanisms of chemotherapy. A strong entrepreneurial drive is highly desirable. She/He will be responsible for establishing and performing **preclinical studies to characterize in detail the mode of action underlying the NanoCapture concept and to provide a proof of increased efficacy of our approach compared to conventional treatments**. You will join a truly interdisciplinary and highly-motivated team working on a novel cancer therapy that can make a real-world impact. The position (TV-L, up to E14) is available immediately, initially for two years (Phase 1, GO-Bio). After Phase 1 and successful spin-off we will transition together into newly founded company.

Main responsibilities:

- Establishing and performing *in vivo* tumor mouse model studies
- Designing the key studies to understand the NanoCapture concept
- Investigating changes in the tumor micro-environment and vasculature
- Data interpretation, manuscript preparation (patent and publications)
- Presentation and reporting the research outcome internally and externally
- Involvement in creating scientific and business strategies

Skills and Requirements:

You should have genuine interest in the field of drug development with a strategic and entrepreneurial mind-set. Ideally, you are self-starter and an inventive problem-solver comfortable to work independently and within a team.

- PhD in an appropriate field
- Proven record in tumor biology, pathology and *in vivo* mouse models (FELASA certification preferred)
- Experience in development and preclinical evaluation of chemo- and nanotherapeutics
- In-depth knowledge of state-of-the-art concepts of cancer therapy (chemo-, radio- and immunotherapy)
- Professional experience in pharma/biotech industry is of advantage

- High proficiency in English and German language, excellent presentation and communication skills

We are offering:

- Interesting and multifaceted job responsibilities
- Dynamic, interdisciplinary team with flat hierarchy – possibility to directly contribute to the project strategy and future
- Possibility to be one of company's founder
- Biotech start-up environment and opportunities for further professional development (specialized courses and trainings)
- Contract according to TV-L up to E14, flexible working hours, support from LMU Family Service
- Work place at the High-Tech Campus Großhadern in Munich, easily reachable by public transport and car

Send application to:

Please send your cover letter, CV and references per Email to:

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