About ITM

ITM is a privately owned biotechnology and radiopharmaceutical group of companies dedicated to the development, production and global supply of targeted diagnostic and therapeutic radiopharmaceuticals and radioisotopes for use in cancer treatment. We are developing a proprietary portfolio and growing pipeline of targeted treatments in various stages of clinical development addressing cancers such as neuroendocrine cancers or bone metastases. Our main objectives are to significantly improve treatment outcomes and quality of life for cancer patients through a new generation of Targeted Radionuclide Therapies in Precision Oncology. The headquarters are located in the heart of the research center of the Technical University of Munich (TUM).

We would like to fill the following permanent vacancy in a hybrid working model in Garching as soon as possible

Group Lead Radiopharmaceutical & Medicinal Chemistry (f/m/d)

Your role

Your profile

- Design, synthesize, and optimize of new classes of radiopharmaceuticals with therapeutic potential for oncology
- Develop and refine binding motifs for selective interaction with cancer targets
- Lead structure optimization
- Conduct structure-activity relationship (SAR) studies to improve efficacy, selectivity, and pharmacokinetic properties of lead compounds
- Utilize modern synthetic chemistry techniques, including multi-step organic synthesis, solid phase peptide synthesis, purification, and characterization (e.g., NMR, HPLC, LC-MS)
- Collaborate with biologists, pharmacologists, and external service providers to enhance drug design strategies
- Analyze and interpret biological data to drive lead optimization and hypothesis generation
- Stay current with scientific literature and advancements in medicinal chemistry and oncology drug discovery
- Prepare and present research findings in meetings, publications, and reports
- Maintain compliance with safety, regulatory, and ethical guidelines in a laboratory setting

- Postdoc or more than 5 years of practical experience in academic or industrial setting preferred
- Ph.D. in Medicinal Chemistry, Organic Chemistry, or related field (or equivalent industry experience)
- Experience with radiopharmaceutical chemistry
- Proven experience in the design and synthesis of small-molecule drugs, preferably in oncology research
- Strong background in synthetic organic chemistry and knowledge of modern drug discovery techniques
- Experience with computational modeling tools for structure-based drug design is a plus
- Familiarity with biophysical and biochemical assays for assessing compound-target interactions
- Experience with small molecule or DNA encoded libraries
- Ability to work in a cross-functional team and manage multiple projects effectively
- Hands-on experience with hit-to-lead and lead optimization in drug discovery
- Knowledge of ADME principles
- Experience with conjugation techniques of peptides and molecules
- Strong publication record in peer-reviewed journals is a plus
- Fluent in English

Our offer

- Exciting challenges in an up-and-coming and fast-growing company with a high degree of creative freedom
- An open working atmosphere in an international corporate culture with short communication channels
- Comprehensive onboarding programme
- Flexible working hours with home office options
- Attractive special payments
- Just a good salary? Not with us! We also offer you
    - Employee participation programme
    - Job bike or subsidised job ticket
    - Above-average contribution to the company pension scheme
    - Individually tailored further training programme (including German and English courses)
    - Health promotion programmes (e.g. EGYM Wellpass, subsidy for local fitness studio, sponsorship of sporting events, various lifestyle coaching sessions)

Do you have these qualifications, are you willing to develop yourself further and are you looking forward to becoming a key part of our future? Great! We should get to know each other!

When you apply, please let us know your earliest possible starting date and your salary expectations. You can submit your CV in German and English in docx or pdf format.

Apply now

Contact

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Note for recruitment agencies
Please note that we do not accept unsolicited applications or offers of assistance. The telephone number given in the advertisement is intended exclusively for applicants and should not be contacted for any other purpose. Thank you very much!

More about ITM

With us, you will have the opportunity to work in an international environment on ground-breaking projects that can have a significant impact on cancer care worldwide. We are looking for dedicated, talented and passionate professionals who share our vision and want to help shape the future of oncology. If this exciting challenge appeals to you and you would like to contribute to realising our common goal, please do not hesitate to send us your application. We look forward to hearing from you!

For more information please visit: www.itm-radiopharma.com