

(Senior) Scientist – Ex-vivo/3D Immuno-Oncology Models (m/f/d)

Job ID: IOM-1054

Who we are

iOmx is a young, dynamic start-up in the field of immuno-oncology located in Martinsried/Munich, Germany. We are focused on innovation-driven research and development to advance our proprietary early-stage novel immune-checkpoint inhibitors through pre-clinical and clinical development. We are looking for highly motivated, self-driven and competent colleagues who share our vision and wish to contribute to translating this vision into reality.

Your Tasks and Responsibilities

As a member of the discovery team in the research department, you will be instrumental in investigating the role and impact of novel immune-checkpoint targets, identified using our proprietary iOTarg™ target discovery platform, in state-of-the-art *ex vivo* multi-cellular disease models representing the complex tumor microenvironment (TME). Your responsibilities include, but are not limited to:

- Systematically evaluate, identify and nominate appropriate *ex vivo* 3D model systems (cell line-based or primary human tissue sample based), consisting of tumor, lymphoid and myeloid components, to validate the relevance of novel immune-checkpoint targets in anti-tumor immune response
- Design, initiate and execute research strategies with CROs and/or academic collaborators to evaluate the appropriate models for project-specific objectives
- Analyze pharmacological effects of proprietary drug candidates in target-relevant *ex vivo* models to support lead identification on multiple immune-oncology pipeline programs
- Contribute to the mode-of-action understanding of the target and of proprietary drug candidates on anti-tumor immunity using state-of-the-art multifunctional immune analysis of the *ex vivo* tumor models
- Develop robust data packages and communicate effectively into internal cross-functional teams and to external stakeholders to enable project milestone decisions

Who you are

- You are a passionate scientist with a PhD in immunology, biology, or related field with preferably at least 2 years of research experience in immuno-oncology drug discovery setting
- You have a sound understanding of the TME/immuno-oncology field with hands-on expertise in *ex vivo/in vitro* disease modeling of the tumor microenvironment using state-of-the-art models (e.g., 3D organoids/spheroids, tissue slice cultures, perfusion cultures/organ-on-chip models)
- You are experienced in design, execution and data analysis of multi-parameter flow cytometry, cell imaging, cytokine secretion and tumor killing assays
- You are effective in initiating and maintaining strong internal and external collaborations
- You are a highly motivated, flexible and creative individual, with excellent communication and interpersonal skills, who is effective at working in a diverse, fast-paced and collaborative team

Your Application

We offer a competitive salary and benefits package and support both your individual and professional development. Applications for this position should be forwarded to careers@iomx.com by submitting a cover letter indicating the relevant Job ID, your CV and references. Please make sure to include the Job ID in the Subject field of your email.