

## Scientist – Target Discovery (m/f/d)

Job ID: IOM-1039

### 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 to advance our proprietary early stage novel immune-checkpoint molecules 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

You will further strengthen our company by contributing to the discovery and validation of novel targets using state-of-the-art technologies and proprietary established platforms. You will be involved in the characterization of functional drug candidates against these novel targets. Your tasks will include:

- Validation of gene function in modulating T cell responses using genetic knockout studies (CRISPR, RNAi etc.)
- Design and optimization of proprietary genetic screening platform in new disease models
- Establishment of state-of-the-art molecular biology methods
- Analysis of pharmacological effect of cancer immunotherapy drug candidates on primary immune cells and tumor cells using various immunological and cell-based assays
- Scientific work based on literature research and gained experience to support the team in data interpretation as well as new assay setup and optimization

As a member of our team, you will be responsible for the design and conduction of the above-mentioned experiments including careful documentation and presentation of your results in internal team meetings. The position has its main focus on lab work, but also comprises non-lab work-related organizational tasks as mentioned above.

### Who you are

You are a passionate scientist with a PhD in biotechnology, biochemistry, biology or a related field and have a flair for innovation.

- You have a strong hands-on experience in gene modification (e.g., RNAi, CRISPR) and associated high-throughput methodologies (e.g., CRISPR delivery, knockout efficacy assessment etc.)
- You have a background in tumor biology and/or immunology
- You are familiar with standard cellular (isolation/culture of primary tumor cells or immune cells) and immunological techniques (e.g., flow cytometry, Western blot, etc.)
- Hands-on experience in immune cell-based functional assays (cytotoxicity assays, cytokine release assays, macrophage polarization assays) would be advantageous
- Proficiency with Flowjo and GraphPad Prism
- Knowledge of bioinformatic tools (e.g., R, python, etc.) would be advantageous
- Good knowledge of English (spoken and written)
- Highly motivated, flexible, and creative individual with team-work spirit and strong interpersonal skills

### Your Application

We offer a competitive salary and benefits package. Applications for this position should be forwarded to [careers@iomx.com](mailto: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.