

Senior Scientist – Bioinformatics, Immuno-Oncology (m/f/d)

Job ID: IOM-1053

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 an integral part of our discovery team, you will be responsible for designing, establishing and implementing state-of-the-art computational biology methods to identify, characterize and validate targets, cell types and signaling pathways that mediate tumor immunosuppression. Your responsibilities include:

- Process and interpret public and in-house multiomics datasets (e.g., NGS, transcriptomics, proteomics) from *in vitro/in vivo* experimental settings as well as from patient tumor samples to support identification and validation of immuno-oncology relevant targets and pathways
- Lead the design, development and implementation of computational analysis pipelines to guide our target discovery and drug development projects
- Design, interpret, and analyze bulk and single cell NGS profiling experiments to characterize mechanism of action of proprietary targets and drugs in immuno-oncology space
- Establish and sustain an internal knowledge database
- Develop robust data packages and communicate effectively to 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 bioinformatics, mathematics, computer science, or equivalent, with at least 3 years of relevant work experience as a bioinformatician/computational biologist in oncology or immunology field
- You possess a strong working knowledge in analyzing multiomics and biomarker data (e.g., NGS data including bulk and single cell RNA-seq, exome-seq, ChIP-seq) as evidenced by publication track record in reputed journals
- You have a basic biological understanding of the tumor microenvironment in an immuno-oncology drug development context
- You have extensive hands-on experience in programming in Python or R / Bioconductor
- Basic knowledge in computing infrastructure (cloud/local) is beneficial
- Demonstratable experience in data visualization (e.g., ggplot2, shiny, etc.), Shell-scripting and statistical methodologies is expected
- You have a good overview of state-of-the-art bioinformatics databases, algorithms, and tools
- 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.