

Senior Research Associate – Pre-clinical Pharmacology & Biomarker Development (m/f/d)

Job ID: IOM-1055

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 pre-clinical pharmacology & biomarker development team by contributing to the pre-clinical research and development of novel immune-checkpoint inhibitors and their transition towards clinical development. As a member of our team, you will report to the Group Leader. Your tasks include:

- Design and implementation of cell-based assays to analyze the pharmacological impact of novel immune-checkpoint inhibitors on primary immune cells and tumor cells using various immunological and cell-based assays
- Detailed analysis of primary immune cell (lymphoid and myeloid) subsets, their activation and function using flow cytometry and other advanced immunological assays
- Design, implementation and qualification of *in vitro* and *ex vivo* cell-based and cell-free biomarker assays
- Perform routine culture and expansion of primary immune cells, tumor-infiltrating lymphocytes and tumor cell cultures
- Careful documentation as well as presentation of your results in internal team meetings

Who you are

- You hold a degree in biology, biotechnology or related fields, or have a completed vocational training as laboratory assistant such as BTA, MTA, CTA or equivalent with 2+ years of industry experience
- You have deep knowledge in tumor biology and immunology
- You have hands-on experience in immune cell (lymphoid and myeloid) functional assays (cytotoxicity assays, cytokine analysis, polarization assays, mixed lymphoid reaction assays, etc.)
- You are experienced in cell biology (isolation and cultivation of primary cells and cell lines, proliferation assays) and immunological techniques, e.g., ELISA, bead-based multiplex assays, multicolor flow cytometry (< 8 colors), western blot, etc.
- You are proficient with MS Office, GraphPad Prism and FlowJo
- Experience in scientific data analysis and visualization, e.g., tSNE, PCA, heatmaps, etc. would be a plus
- You are fluent in English (spoken and written)
- You are a highly motivated, flexible and creative individual with excellent communication and interpersonal skills who is efficient at working in a collaborative and diverse team

Your Application

We offer a competitive salary and benefits package. 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.