



Scientist II – Project Immunology (Full Time - Permanent)

Chesterford research Park – Cambridge

Never losing sight of our purpose

At Mestag we truly believe in our values and live by them every day. We're ambitious about our science and its potential to deliver meaningful therapeutics to the patients that need them most. We believe in a culture of diversity, equality and investing in people to ensure our talented and passionate team members can fulfil their full potential.

We are based in spacious and modern laboratory and office facilities at Chesterford Research Park near Cambridge, UK – right in the very heart of the UK life science sector. Our facilities are kitted out with state-of-the-art instruments to enable our dedicated researchers to deliver incredible science.

Mestag is backed by committed leading global investors, has world-class founders and a highly experienced leadership team.

We are now transitioning our lead programme into clinic - There has never been a better time to join #TeamMestag

Scope of role

This is an outstanding opportunity for a proactive and enthusiastic scientist with experience to join our Immunology team in an innovative biotech to work closely with cross-functional teams both internally and externally. We are looking for a highly collaborative immunologist with a passion and motivation for science who ideally has a background and special focus in immune regulation in the context of autoimmunity, transplantation and/or inflammation with experience in assay development in vitro and share our vision to bring new therapies to patients in need.

The successful candidate will work closely with project leads within the Biology team to define and implement the immunoassay cascade that model the target biology and that are suitable for profiling and assessing antibodies for activity and mechanism of action and for addressing key questions of target validation and translation.

This is a hands-on lab based role requiring design and set up of immune cell biology assays and models to support Mestag's exciting projects.

The Position

- You will utilise your immunological expertise and track-record in immunology to drive forward the science of our early-stage projects
- Design, set up and run in vitro assays supporting immunology validation, antibody profiling/mechanism of action for Mestag drug discovery programmes.
- Build a strong understanding of the target biology and assays used in the literature and implement suitable assays as part of the project team.
- Work collaboratively with other discovery teams within Mestag for example antibody discovery and assay teams as well as project leaders and managers to advance the projects
- Presentation of work at internal meetings
- Independently generate, analyse and record high quality data relating to Mestag projects
- Contribute to project presentations and preparation of materials for meetings and reviews
- Document experimental work in electronic lab notebook to timelines and guidelines
- Work to a high standard and in accordance with Mestag Health and Safety and other policies and procedures
- Deliver project goals under strict deadlines in a fast-moving and busy workplace
- Contribute to a collaborative, data driven, work environment with Mestag core values of Trust, Togetherness and Purpose driving innovation and efficiency within the team

Minimum Qualifications and Experience:

Essential:

- A PhD in immunology or MSc/MRes plus experience, ideally within industry/biotech/drug discovery
- Hands on experience working with cell culture and aseptic technique including primary and immortalized cells
- Handling of HTA regulated fresh and biobank material including human blood processing, PBMC isolation and enrichment/purification of primary immune cell subset etc.
- Hands-on immunology experience including working with immune related assays (T cell, B cell and myeloid cells such as monocyte, dendritic cell and macrophage)
- Hands on experience with immune cell based functional assays like ELISA/MSD, spectral flow cytometry, ELISpot/FluoroSpot, proliferation/suppression, and cell sorting etc
- Excellent understanding of assay optimisation, validation and troubleshooting to provide robust readouts for measuring target immunology in vitro.
- Superb skills in attention to details, planning, time management and organisation.
- Experience of quality control and solving technical problems in assay development to achieve key project objectives and adhere to timelines.

- Ability to read, understand and act on published scientific information and translate this into experiments to support Mestag projects.
- Adaptability to changing business needs and learning new techniques.
- Excellent communication skills, including report writing and verbal presentations of findings.
- Passionate, self-driven, dedicated, inclusive, open-minded, collaborative and forward-thinking.
- Ability to work independently, yet co-operatively with others in a dynamic fast-paced environment; genuine desire to be a part of a team and contribute to organizational and team goals.

Strongly desired (but not essential):

- Understanding of basic concepts in antibody discovery and candidate screening in R&D
- Develop, validate and implement mono and coculture screening assays in 2D systems using primary cells and immortal cell lines
- Familiarity with biochemical assays like reporter assays
- Experience in independent panel design, compensation and data analysis using SSM on FlowJo software for multi-color surface/intracellular/intranuclear FACS staining.
- Experience in cellular immunophenotyping and cytokine profiling
- Knowledge of immune cell activation and modulation in human and mice is preferred

In return we can offer you

We work flexibly with a strong team spirit and offer a highly competitive total rewards package including competitive salaries, pension contributions, private medical insurance, income protection and more.

We have access to a range of onsite facilities including a gym, canteen, golf course and free on site parking.

As a team we achieve great things each day, and we take the time to celebrate successes, share and learn. We value the relationships of our close-knit team and strive to make meaningful connections in our community. We frequently hold Town Halls and team lunches, and have an active social committee, organizing regular events and 'giving back' activities supporting charities close to our hearts.

Feel free to have an informal discussion with us for any questions you may have, we are happy to talk to you.

About Mestag Therapeutics

Mestag harnesses new insights into fibroblast-immune interactions to develop impactful treatments for patients. We are progressing a pipeline of sophisticated first-

in-class antibodies designed to improve the lives of patients with cancer and inflammatory disease. Together with our collaboration partner Janssen Biotech, Inc. we are also identifying novel targets for future therapies.

Our founding investigators comprise global experts in inflammatory disease, cancer, computational biology and fibroblast biology from the University of Oxford, Brigham & Women's Hospital, Harvard Medical School and Cold Spring Harbor Laboratory. We are supported by leading life science investors SV Health Investors, Johnson & Johnson Innovation – JJDC, Inc., Forbion, GV (formerly Google Ventures) and Northpond Ventures.

Mestag is headquartered in Cambridge, UK, and in 2021 was recognized on the Fierce 15 list of innovative biotechnology companies.

For further information please visit our website www.mestagtherapeutics.com