



**Title:** Sr. Scientist, Immunology & Inflammation

**Hiring Manager:** Vice President, Translational Research

**Function:** Preclinical

**Location:** Waltham, MA

**Position Summary:**

The Sr. Scientist, Immunology & Inflammation will have a broad knowledge of inflammatory diseases with demonstrated ability to provide insights into biological pathways driving inflammation. The role requires experience managing CROs to achieve departmental objectives. Excellent written and oral communication skills are required, as is the desire and ability to work in a small, nimble, fast paced, and patient-focused environment.

**Key Responsibilities:**

- Provide biology and translational expertise for clinical development of therapeutic antibodies within the area of inflammation and allergic diseases.
- As a scientific thought leader, plan and execute mechanism of action-based studies for receptor targeting antibodies.
- Collaborate with and oversee research activities conducted by contract research organizations (CROs) including designing, planning, and executing both in vitro and in vivo studies.
- Collaborate with clinical development and bioanalytical team to support biomarker assessment in clinical trials across multiple indications.
- Spearhead the scientific interpretation of pharmacology and biomarker assessments, delivering clear and concise summaries of findings to both internal multidisciplinary stakeholders and external partners. presentations, publications, and regulatory documents.
- Lead discussions and make presentations in multidisciplinary meetings, logically presenting information to convey clear, key messages.
- Stay up to date and aware of scientific developments and competitive landscape in the relevant fields through interactions with KOLs and consultants, attendance at relevant scientific meeting and review of literature.

**Qualifications:**

- PhD in Immunology or related discipline with 3-5 years drug discovery experience in pharmaceutical industry or biotech.
- Expert scientific knowledge in areas of immunology and inflammatory diseases with solid understanding of mechanisms and pathways in immunological diseases.
- Strong background in biologics drug discovery, including the ability to design and execute a strategy to elucidate mechanism of action of targeted therapies (specifically receptor targeting antibodies is highly desirable).
- Experience with immuno-pharmacological techniques including in vitro and ex-vivo immune cell-based assays, ELISA, MSD, flow cytometry based immune cell profiling.



- Knowledge of biomarker discovery and analysis is highly desirable while experience with in vivo pharmacology is preferable.
- Experience working with external CROs, authoring technical reports and regulatory documents.
- Exceptional communication skills, with the ability to clearly articulate scientific proposals and results.
- Highly organized, self-directed and collaborative individual with ability to work in a cross-functional matrix environment.

**About Upstream Bio:**

Upstream Bio is a public company based in Waltham, MA. We are developing verekitug, the only known antagonist currently in development that targets the receptor for Thymic Stromal Lymphopoietin (TSLP). We have advanced this highly potent monoclonal antibody into separate Phase 2 trials for the treatment of severe asthma and chronic rhinosinusitis with nasal polyps (CRSwNP) and plan to initiate development in chronic obstructive pulmonary disease (COPD). Our experienced team is committed to maximizing verekitug's unique attributes to address the substantial unmet needs for patients underserved by today's standard of care. Learn more about us at [upstreambio.com](http://upstreambio.com).

**Interested candidates, please contact:**

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