BIOMUNEX Pharmaceuticals
Incubateur Paris Biotech Santé, Hôpital Cochin
27 rue du Faubourg Saint Jacques
75014 Paris

Poste : Immunologist Engineer – Immuno-Oncology (H/F)

Type d'emploi : Temps plein, contrat permanent (CDI)
Lieu : Le poste est basé à Paris 14ème.

The company

BIOMUNEX Pharmaceuticals is a French biopharmaceutical company that provides innovative immunotherapies through the discovery and development of cutting-edge bispecific antibodies. These are created using its proprietary next-generation bispecific antibody platform, **BiXAb®**, to deliver new treatments for cancer patients.
In February 2021, BIOMUNEX Pharmaceuticals signed a global strategic licensing and co-development agreement with **Onward Therapeutics** for a proprietary bispecific antibody derived from the BiXAb® platform. In December 2024, the company signed another licensing agreement with **Ipsen** for a bispecific antibody designed to **engage MAIT cells** in tumors for the treatment of Cancers.
We are a tight-knit team, and as part of our growth, we are looking for an **Immuno-Oncology Engineer** who is eager to work in an innovative and entrepreneurial environment based on teamwork. Our goal is to support the professional development of our employees, helping them achieve both their personal and company objectives.

More information http://www.biomunex.com/

Job Description

Under the supervision of a **Principal Scientist**, you will join a research team dedicated to developing innovative therapies in immuno-oncology and oncology, particularly bi- and multi-specific antibodies. You will contribute to both discovery and preclinical research phases.
Your responsibilities will include:

- **Performing in vitro experiments to assess antibody functionality on T cells**:
  - Designing and optimizing experimental protocols
  - Cell culture (cancer cell lines, primary cells), PBMC isolation, magnetic cell sorting
  - Flow cytometry (cell phenotyping, activation, competition assays)
  - Functional assays (ELISA, cytotoxicity, T-cell activation)
  - Data analysis and synthesis
- **Coordinating and monitoring experiments**:
  - Planning and tracking functional studies
  - Supporting project organization and team interactions
- **Documentation and reporting**:
  - Writing protocols and reports in English
  - Maintaining an electronic lab notebook and updating databases
  - Presenting results in internal meetings
- **Scientific monitoring and innovation**:
  - Conducting literature reviews and contributing to experimental strategies
  - Participating in method development and optimization
  - Interacting with scientific providers and suppliers
- **Career growth opportunities**, including supervision of interns/technicians and the acquisition of new skills (e.g., CRISPR/Cas9, organoid).

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Profile & Qualifications

- **Master's degree (Bac+5)** in Cellular Biology, Immunology, or Biotechnology
- **Minimum 3 years of experience** in biotech or the pharmaceutical industry
- Technical skills:
  - Hands-on experience in cell culture and flow cytometry (mandatory)
  - Knowledge of T-cell biology and/or antibody characterization is a plus
- **Languages**: Strong proficiency in written and spoken English
- **Key attributes:**
  - Autonomy, scientific rigor, and analytical mindset
  - Self-motivated, proactive, adaptable, and able to work in an innovative and challenging scientific environment.
  - Ability to manage multiple projects simultaneously
  - Proactive, team-oriented, and solution-driven
  - Strong interest in working in a dynamic and innovative biotech environment

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What We Offer

- Competitive salary
- A stimulating environment within a fast-growing company
- An international team with strong scientific and technical expertise
- Career development opportunities, aligned with the company's growth

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Application Process

Candidates should send the following documents to **Recruitment@biomunex.com**:

- A cover letter
- A detailed CV (including a list of mastered laboratory techniques)
- Two references

Under the supervision of a **Principal Scientist**, you will join a research team dedicated to developing innovative therapies in immuno-oncology including the MAIT engager program. You will perfume in vitro experiments including cell culture, immune/cancer cell co-culture assays, immune activation and cytokine release assays and FACS analysis on immune cell subsets. You will also be responsible for writing study plan protocols and reporting data in the electronic notebook system. In addition, you are expected to contribute to the general running of the laboratories and participate in share lab tasks.

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