

## Evelo Bioscience, A Flagship Innovation Labs Company

The immuno-microbiome is the meta-system comprising the immune system and the microbiome that governs and modulates immune response. Evelo is the first company to focus on characterizing and understanding the biology of the immuno-microbiome to develop next generation immunotherapies across multiple diseases.

**We are expanding the immunology team at Evelo Biosciences and there are Scientist and Research Associate level opportunities available.**

**Please pass these job descriptions on to any PhD level scientists or Postdocs you know that may be interested:**

### **Immunology Scientists <https://evelobio.recruiterbox.com/jobs/fk06lxv/>**

Evelo is seeking an experienced Scientist to join our Immunology research team to advance cutting-edge microbiome therapeutic programs. This role will provide Immunology expertise towards developing targeted, microbe-based, immune tolerizing and anti-inflammatory therapeutics to enable successful IND filings. This individual will support and expand our research strategy to conceptualize, design and execute pivotal in vitro and in vivo proof of concept studies in pre-clinical models of autoimmunity and inflammation. Significant cross-functional collaboration with a talented and dedicated group of scientists including microbiologists, cell biologists and immunologists, will ensure a diverse exposure to the drug discovery process.

#### **Responsibilities:**

The successful candidate will advance several aspects of Evelo's lead preclinical microbial therapeutic programs, using their targeted skill set to accomplish the following responsibilities:

- Design and execution of well-controlled *in vitro* and *in vivo* immunology experiments
- In-depth characterization of cellular and humoral immune responses in various mouse models of autoimmunity, inflammation and immune tolerance in general
- Develop, execute, and trouble-shoot immunoassays, including *in vitro* cellular stimulations, flow cytometry, ELISA, and microscopy
- Share and contribute scientific and technical know-how and experience with team members

#### **Qualifications:**

- PhD in the domain of immunology, preferably with focus in autoimmunity, inflammation, tolerance, or vaccines.
- 3-6 years of post-doctoral or biotech/pharma experience in developing and conducting laboratory research
- In-depth knowledge and extensive hands-on experience in mouse models of cellular autoimmunity, primary immune cell characterization, immunoassay development, and protein chemistry
- Proven track-record of scientific accomplishment and contributions to the field of autoimmunity or tolerance research
- Exceptional scientific reporting and documentation proficiency

- She or he should be a dynamic, independent, flexible, well-organized, pro-active, collaborative-minded individual interested in contributing in a hands-on and strategic role to excellent research science in a fast-paced entrepreneurial environment.

**Research Associate - Immunology <https://evelobio.recruiterbox.com/jobs/fk06dgo/>**

We are seeking a talented and dedicated Research Associate who is interested in joining a highly dynamic and intellectually challenging work environment and ready to multi-task within scope. The successful candidate will have experience in immunology and will be intimately involved in the establishment and management of a multifunctional biology lab.

Primary responsibilities:

- Maintain and propagate mammalian cell lines
- Perform standard molecular and cell biology experiments (DNA, RNA, protein)
- Develop and run immune cell-based assays on various platforms as directed
- Perform lab management duties: procurement, vendor and regulatory contact

Desired skills and experience:

- Expertise in mammalian cell line propagation and maintenance
- Multicolor flow cytometry, cytokine/chemokine profiling on Luminex or similar platform
- Cell viability/proliferation and metabolic assays
- Ex vivo sample processing, including DNA extraction and immunohistochemistry
- Immunofluorescence and high content imaging
- Sample preparation for DNA and RNA sequencing
- Strong inter-personal, collaboration & communication skills and a passion for working in a fast-paced and evolving organization

Education and work experience:

- MS degree in biological sciences or related field
- 2-5 years of relevant experience in academia or industry

Applicants may submit their CV through the Recruiterbox website at [evelobio.com](https://evelobio.com).

People may also [contact me directly on LinkedIn](#) or at

[holly@evelobio.com](mailto:holly@evelobio.com).