



**Scientist, Immunology**  
Karma Biotechnologies - Torrance, CA

## **THE COMPANY**

Karma Biotechnologies is a Los Angeles startup dedicated to solving autoimmunity, allergies, and food sensitivities with their Xavine™ tolerogenic therapeutics platform. As general immune suppression is considered the standard of care for most autoimmune diseases, there remains a critical unmet need to develop a precision immunology approach that inhibits only the disease-causing rogue immune cells. To meet this need, Karma is leveraging expertise in immunology and lipid nanoparticle engineering to develop Xavines™ designed to elicit antigen-specific immune tolerance in vivo.

**Karma is now looking to expand our staff and is seeking a scientific leader in Immunology. As we prepare to complete our Series A financing round (first round of venture funding in Q4, 2019, and second round in Q4, 2021) Karma will grow to 20-30 people in 2022 and 2023.**

## **POSITION RESPONSIBILITIES**

- Deep investigation into Xavines'™ mechanism of action and into the characteristics of the regulatory immune cells that they produce.
- Identify, develop, and run various biochemical and molecular assays, such as RNA extractions, qPCR, ELISA and flow cytometry.
- Proficiency in cell line, primary cell, and tissue culture.
- Experience with disease models, including multicellular organisms.
- Be a key member of a research team and collaborate with other leaders across the organization.
- Encouraged to make scientific laboratory-based contributions to the research goals of the department through internal presentations.
- Design, plan, and perform key lab experiments along with follow-on data analysis and communication of study results.
- Prepare technical reports, summaries, protocols, and presentations.
- May be required to supervise Research Associates.

## CANDIDATE QUALIFICATIONS

- Ph.D. and background in immunology, cancer immunology, autoimmune diseases, molecular and cell biology, or biochemistry.
- Expertise in T cell biology.
- Ideally a primary research focus in autoimmunity, but a T cell expert with a background in cancer biology, infections disease, or neurological disease would certainly be considered.
- Broad scientific and technical experience in bioinformatics, emphasizing the development and use of analytical tools for interrogating transcriptomics.
- Demonstrated experience of scientific achievement and critical thinking in research- based activities that are ideally supported by a strong publication record.
- Hands on experience in designing and running immunology lab-based studies.
- Cell culture and molecular biology skills are essential.
- Experience with the 10x Genomics platform a big plus.
- Strong verbal and written communication skills and can work effectively in a highly collaborative research environment.

## WORKING AT KARMA

Karma is a small company with a big mission. People thrive at Karma with their passion for science, relentless commitment to our goal of solving autoimmunity, and collaboration throughout a small, tight-knit team. Karma promotes autonomy and authenticity as fuel for creativity and innovation. We encourage our employees to create and explore new avenues to advance Karma's mission.

Beyond offering an opportunity to make your mark as a scientist, Karma offers the following:

- Salary Range: \$80,000 - \$120,000, depending on experience.
- Stock options and 401k - When Karma succeeds, you succeed.
- Medical and vision insurance - We know that your health comes first, including mental health.
- Generous vacation policy - Work is a big part of life. It's not life.
- Flexible schedules - We understand that traffic is a reality in LA, that you probably have a family and friends and other passions, and that greatness doesn't always follow a schedule.

**For more information, please contact**

**Alan Johnson**

**CHIEF OPERATING OFFICER and COFOUNDER**

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