



Postdoctoral Position in Immunology at New York University

The Feske lab at New York University (NYU) is seeking a postdoctoral scientist for projects focused on studying immunity to infection and/or autoimmunity. Research in our lab is focused on how ion channels regulate the function of immune cells and immune responses to infections, tumors and self-antigens (autoimmunity). Areas of interest include the role of calcium release-activated channels (CRAC) and novel ion channels involved in immune cell development, inflammatory responses, immunity to infection, anti-tumor immunity and autoimmunity. We study how ion channels control cell function, regulate downstream signaling events and gene expression to shape immune cell function. For our studies, we use gene editing in primary immune cells, mice with targeted deletion of ion channels and human patients with mutations in channel genes. For more information about the Feske lab, visit <https://feskelab.org/>

Our well-funded and diverse laboratory provides a stimulating and scientifically rigorous environment for scientific growth and fostering the independent careers of postdoctoral trainees. Our research is published in leading journals including *Nature*, *New England Journal of Medicine*, *Immunity*, *Cell Metabolism*, *Nature Immunology*, *Nature Communications*, *J Exp Med*, *J Clin Invest*, *PNAS* etc. The Feske lab is part of a vibrant immunology community at NYU School of Medicine. A new program on Ion Channels in Immunity at NYU, which is headed by Dr. Feske, provides a rich environment for research in this field. The program consists of a core facility, seminar series and symposia focused on the role of the role of ion channels in immune cell function. For more information visit <https://med.nyu.edu/pathology/research/ion-channels-immunity-program>

This position is ideal for a postdoc interested in studying immune responses to infection, tumors or autoimmunity. Although the lab studies ion channels, no prior knowledge or experimental expertise in ion channel physiology is required.

Requirements:

- PhD or MD/PhD with a strong background in immunology.
- Significant technical expertise in molecular and cell biology.
- Experience in murine models of immunity.
- Experience studying ion channels is welcome but not required.
- Evidence of productivity from publications in peer-reviewed journals originating from Ph.D. or postdoctoral work.
- Excellent verbal and written communication skills in English
- Excellent organizational skills, self-motivation, and creativity.

Please send a cover letter explaining your relevant work experience and interests, a CV, and the contact information of three references to Dr. Feske at feskes01@nyumc.org