Postdoctoral Position in Immunology at NYU

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 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 at NYU on Ion Channels in Immunity is headed by Dr. Feske and 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

Requirements:

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

Candidates who meet the above criteria are encouraged to apply. Please send a cover letter explaining relevant work experience and interests, a CV, and the contact information of three references to Dr. Feske at feskes01@nyumc.org.