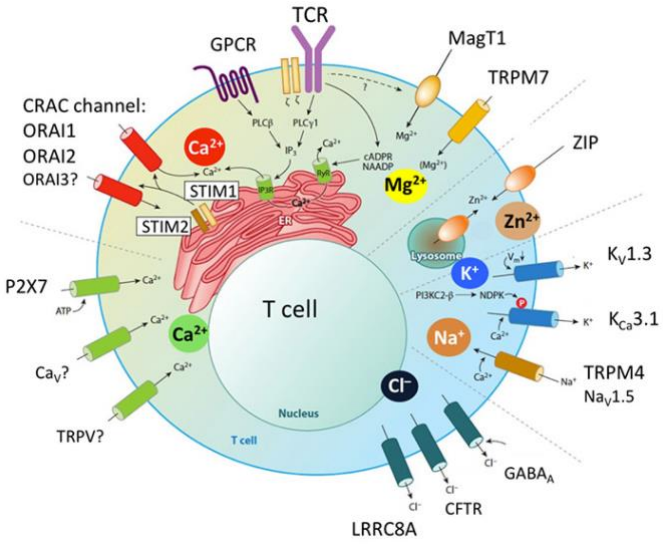
## New & Notable

# Ion Channels & Immunity (ICI) Program Opens a New Core Facility!

Dr. Stefan Feske, Jeffrey Bergstein Professor of Medicine, Vice Chair of the Department of Pathology and Dr. William A. Coetzee, Professor in the Department of Pediatrics, Biochemistry and Molecular Pharmacology, Neuroscience and Physiology, have worked together to open a new Ion Channels & Immunity core facility at NYU Langone Health. The core is part of the new Ion Channel & Immunity (ICI) Program and is meant to facilitate research in the area of ion channel function in immune cells. "Our goal is to understand the basic mechanisms by which ion channels and transporters (ICTs) regulate the function of immune cells and immune responses in infections, tumors, and autoimmune disorders" said Dr. Coetzee, core facility director. "Our vision is to create an interdisciplinary research team where basic science and translational research are fully integrated to facilitate the discovery of new treatment approaches for immune-related disorders" explained Dr. Feske, Director of the Program, speaking about the initiative.




The Ion Channel & Immunity core facility will open in mid-December and will be located on the 4th floor of the Science Building. It will be available to all investigators of the NYU Langone community and to collaborating investigators within the larger NYC area, regardless whether they have prior experience measuring ion channel function. The core offers several resources such as manual patch clamp facilities, a CytoPatch automated patch clamp system, a Flexstation microplate reader and other equipment. We are currently seeking to hire an experiences electrophysiologist to be the assistant core director. More information about core resources and daily operations can be found here.

Stefan Feske, MD and William Coetzee, PhD

The Ion Channel & Immunity program includes a seminar series and an annual symposium that provides a unique opportunity for scientists studying ion channels and transporters in immune cells to discuss their research. The program also features a joint lab meeting to discuss ongoing ion channel-related projects of labs at NYU. More information about the program can be found here.

The ICI program and the Department of Pathology are currently conducting a nationwide search for a scientist at the assistant, associate, or full professor level. We seek candidates with a research background in various aspects of ion channel function and innate or adaptive immunology. The successful candidate will join the Ion Channels and Immunity Program and is expected to participate in program activities. More info on the application process can be found at Ion Channel & Immunity Program - Job Opportunities.