 POSTDOCTORAL RESEARCH OPPORTUNITY: MICROANATOMY OF IMMUNITY

Department of Immunology
University of Washington - Seattle, WA, USA

A postdoctoral position is available in the laboratory of Dr. Michael Gerner investigating how the spatial organization of innate and adaptive immune cells in lymphoid and non-lymphoid organs influences immune response development in models of vaccination and inflammation. Work will involve cutting-edge imaging techniques, such as multi-parameter confocal microscopy, 2-photon intra-vital imaging and quantitative image analysis with Histocytometry. Investigating the dynamic immune cell crosstalk and coordinated functional activity, as well as the broader structure-function relationships for cells in lymphoid tissues and inflamed sites will provide novel insights into how immune processes develop and will lead to improved design of vaccines and therapeutics.

This position requires PhD level training in immunology or a related field and a track record of publishing high-quality original research. Experience in standard immune assays and the use of animal models is required. The successful applicant will join a collaborative and dynamic research environment, and will be able to take advantage of the extremely collegial surroundings provided by the UW’s Department of Immunology and the thriving research environment in Seattle.

Applications should be sent by email to Dr. Gerner at gernermy@uw.edu. Applicants are requested to send a cover letter, CV, representative publications, and names and contact information of three references.