Postdoctoral fellowship position in neuroimmunology

is available at the Thomas Jefferson University, Philadelphia. Our research interests focus on the molecular mechanisms of early autoimmune response in multiple sclerosis (MS), and translational studies of the mechanisms of action of immunomodulatory therapies in MS. Our NIH funded project will characterize the role of IL-11 in the Th17 cell migration to the central nervous system in the experimental autoimmune encephalomyelitis (EAE), an animal model of MS. Human studies will focus on the RNA sequencing of the flow cytometry sorted cells from the cerebrospinal fluid and determining their TCRVb repertoire.

Candidate should have a PhD. degree in immunology or related fields and at least one first authorship manuscript. Experience in cellular and molecular immunology, including flow cytometry, immunoblotting, gene expression analysis, RNA seq, TCR repertoire analysis and immunohistochemistry, and work with animal models of disease is preferable. Applicant should have demonstrated scientific productivity, good interpersonal and communication skills, and ability to conduct independent research, with the capacity to obtain independent funding in the future.

Competitive salary and excellent fringe benefits are provided to successful applicants.

Please send CV, letter of interest and contact information for three references via www.jefferson.edu/hr and reference job ID# 9262609