



Post-Doctoral Fellow: Immunology/Rheumatology

PROJECT: The Barnas laboratory studies immunologic mechanisms at play in autoimmune disease with a special interest in systemic lupus erythematosus, interferon, and B cell biology. Human blood and tissues are collected for experiments utilizing techniques such as cell culture, flow cytometry, single-cell and spatial transcriptomics as well as ATAC-seq to study B cells from lupus nephritis and healthy donors. Bioinformatics data will be analyzed utilizing R.

JOB DESCRIPTION: Under the direction of the principal investigator, the post-doc designs, conducts, and analyzes immunology research while receiving advanced training in professional skills and research independence. The post-doc may develop new ideas to further current research. Prepares writing and figures for scientific manuscripts. May train and supervise other research staff and students. The initial appointment is for one year, with renewal expected if satisfactory and funds are available. Appointments cannot exceed five years.

MINIMUM QUALIFICATIONS: Doctoral degree or equivalent (Ph.D., M.D., ScD., D.V.M., DDS) in Immunology, Pathology, Molecular Biology, Biochemistry, Bioinformatics, and/or related field and prior immunology or systems biology research experience. Excellent scientific writing and oral communication skills as well as the ability to work effectively with colleagues are required.

LOCATION: The laboratory is within the Center for Musculoskeletal Research at the University of Rochester Medical Center. Rochester is an affordable city of 200,000 people in upstate New York with easy access to the Finger Lakes Region. By car, 1 hour from Buffalo, 3 hours from Toronto, and 5 hours from New York City. The University of Rochester has an active Postdoc Association that provides a highly enriched environment for postdocs including career development workshops and social opportunities to get to know other postdocs. More information about postdoc activities and opportunities are available on this webpage: <https://ccc.rochester.edu/pda/home/>

The University of Rochester is committed to fostering, cultivating, and preserving a culture of equity and inclusion. The University believes that a diverse workforce and inclusive workplace culture enhance the performance of our organization and our ability to fulfill our important missions. The University is committed to fostering and supporting a workplace culture inclusive of people regardless of their race, ethnicity, national origin, gender, sexual orientation, socio-economic status, marital status, age, physical abilities, political affiliation, religious beliefs or any other non-merit fact, so that all employees feel included, equal valued and supported.

Please send CV and cover letter to Jennifer_Barnas@urmc.rochester.edu

