

Postdoctoral Fellow – T-cell Leukemia Biology

A postdoctoral position is available in the laboratory of Dr. Matlawska-Wasowska in the Department of Pediatrics, Division of Hematology-Oncology, University of New Mexico in Albuquerque, NM, USA for a creative and highly motivated individual to work on a project associated with T-cell acute lymphoblastic leukemia (T-ALL) pathobiology. Ongoing research in the Matlawska laboratory focuses on the contribution of negative regulators of cytokine signaling, chemokine receptors and RUNX transcription factors to leukemia progression, dissemination and extramedullary infiltration. The lab utilizes several cell and molecular biology approaches, primary patient samples, *in vivo* models of leukemia, genomics, metabolomics, biochemistry and high throughput screening.

This is an opportunity for a junior postdoctoral fellow with outstanding credentials in basic research of leukemia/hematopoiesis or cancer biology. The project will focus on discovering critical mediators underlying T-ALL progression and infiltration of the Central Nervous System. This project will utilize multiparametric flow cytometry, distinct mouse models, human samples, RNAseq and scRNA.

The candidate must have expertise in immunology and leukemia biology, and must have experience in the generation and experimental use of mice (syngeneic, transgenic, PDX), multiparametric flow cytometry, cancer immunology and tissue culture models. Experience or interest in intravital imaging is desirable.

The candidate must have strong verbal and written communication skills, excellent computer skills, organizational and time management skills are also necessary. This position will enable the successful applicant to contribute to the development of high-impact research projects, to design and carry out experiments, to perform data analysis, to write manuscripts for publication and to write grant proposals. The successful candidate must be able to work independently, as well as in a team environment, pay close attention to detail and scientific rigor.

Qualifications

Ph.D. degree in cancer biology or related discipline

Up to 1 year of postdoctoral experience

Must have first author publications in peer-reviewed journals

Additional Information:

When applying for the position, please include a cover letter with a statement of research interests and how they relate to this project, an updated CV and contact information for at least 3 references. The application should be sent to KMatlawska-Wasowska@salud.unm.edu. Salary and benefits are competitive and commensurate with research experience and background; they are based upon the NIH Ruth Kirschenstein Postdoctoral Fellow Scale.