JOB DESCRIPTION AND RESPONSIBILITIES:

Overall Description of Responsibility or Nature of Work

This position reports directly to the Assistant Professor in the Department of Pathology and James OSUCCC. This position also supervises undergraduate and graduate students.

Areas of Responsibility / Scope of Research

A Post-Doctoral Scholar position is available in Vilgelm Laboratory to pursue specialized research training in tumor immunology. The successful candidate will conduct research to characterize the mechanisms of tumor immune escape and regulation of immune cell recruitment with the goal to develop novel strategies to activate anti-tumor immunity in cancer patients. To this end, the candidate will develop, adopt and implement cutting-edge laboratory methods, including multi-omics, automated microscopy, spectral cytometry, CRISPR editing, and complex Patient-Derived cultures. Projects will require working in close collaboration with clinical oncologists and data scientists to ensure impactful translational discoveries. Vilgelm laboratory is affiliated with the Center for Cancer Engineering, Translational Therapeutics Program, and the Pelotonia Institute for ImmunoOncology.

REQUIRED QUALIFICATIONS AND EXPECTATIONS:

We are seeking highly motivated individuals. A postdoctoral scholar candidate should have a recent Doctoral degree in Immunology, Cancer Biology, Bioinformatics, or closely related fields. Previous experience in cancer immunology, omics data analysis, 3D cell culture, or mouse models is desirable.

OPPORTUNITIES:

Postdoctoral mentoring philosophy, special opportunities for postdocs at Ohio State and within the department and/or college. OPA resources and programs can be used here.

HOW TO APPLY:

The position is open until filled. The applications will be evaluated as they are received. Please apply with your updated CV and the contact information of three references using the following link: https://osu.wd1.myworkdayjobs.com/OSUCareers/job/Medical-Center-Campus/Post-Doc-Scholar_R37232-1

CONTACT:

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