Microbiology, Genetics, & Immunology
MICHIGAN STATE UNIVERSITY

Research Associate

Position Summary

A postdoctoral research associate position supported by NIH and the MSU Foundation is available for a joint project in the laboratories of Drs. Sangbum Park (sparklab.org) and Dohun Pyeon (pyeonlab.org) at Michigan State University.

Our collaborative research group is uniquely positioned to conduct basic and translational cancer research using combined approaches with patient specimens, unique mouse models, and cutting-edge technologies, including intravital imaging, in vivo lineage tracing, high-dimensional single-cell analyses, and genome-wide CRISPR screens.

The successful candidate will lead a high-impact project, delving into the intricate mechanisms of cancer immune evasion and metastasis. This will involve real-time tracking of cancer-immune cell interactions and movement in the tumor microenvironment in live mice, providing a unique opportunity to make a significant contribution to the field.

We are seeking candidates with a recent Ph.D. in cancer biology, immunology, cell biology, or a related field, a strong track record of lead-author publications in top research journals, excellent communication and organization skills, and the ability to work independently within a research team. Those who aspire to an independent career path are particularly encouraged to apply. Expertise in cancer immunology and/or mouse models is highly desirable. We offer a competitive salary at the NIH postdoctoral stipend level, excellent benefits, and one-on-one mentoring for a successful research career.

Equal Employment Opportunity Statement

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, citizenship, age, disability or protected veteran status.

Required Degree

Doctorate -cancer biology, immunology, cell biology, or a related field

Minimum Requirements

- A Ph.D. in cancer biology, immunology, cell biology, or a related field

Desired Qualifications

- Expertise in cancer immunology and/or mouse models is highly desirable.

Required Application Materials

Please submit a resume, cover letter, and the names and contact information of three references to http://careers.msu.edu, posting #981504.

Review of Applications Begins On

08/28/2024

Summary of Health Risks

Some duties associated with this position may include the following health risks:

- Exposure to human blood, serum, tissue and other body fluids; and materials covered under Universal Precautions
- Work with animals or unfixed animal tissue.

Website

https://mgi.natsci.msu.edu/

Department Statement

The Department of Microbiology, Genetics, & Immunology at Michigan State University values diversity in our faculty, staff, and students. We will strive for a culture of equity and inclusion in our research, teaching, mentoring, outreach and other activities. To achieve our goals in research, training, education, and outreach, we need a diverse community to provide new perspectives and develop new approaches for generating and disseminating knowledge about the microbial world and the molecular genetic processes of all life on Earth.

To promote these goals, we are committed to increasing the diversity of the department's faculty, staff, and students to better reflect the populations of our state and our nation. We are dedicated to providing a safe and welcoming environment where all can be nurtured for sharing ideas, growing skills and advancing knowledge. We will strive for an environment that is welcoming and equitable, one that fosters inclusion and facilitates the participation of all individuals who can help advance our department's various missions.

MSU Statement

Michigan State University has been advancing the common good with uncommon will for more than 160 years. One of the top research universities in the world, MSU pushes the boundaries of discovery and forges enduring partnerships to solve the most pressing global challenges while providing life-changing opportunities to a diverse and inclusive academic community through more than 200 programs of study in 17 degree-granting colleges.