

**Department of Microbiology and Molecular Genetics
Michigan State University**

Research Technologist I

Position Summary

A Research Technologist I position is available in the laboratory of Dr. Yu Zhang in the Department of Microbiology and Molecular Genetics at Michigan State University. The focus of the Zhang lab is to identify mechanisms that promote antibody diversification and suppress associated oncogenic lesions in B lymphocytes. Projects will employ cell line and mouse models with a variety of state of art approaches, including CRIPSR/Cas9 mediated genome manipulation and various next generation sequencing techniques.

The applicant should have at least one year of previous research experience. Experience in molecular biology techniques such as PCR, cloning, primer design, DNA extraction and Western blot analysis is needed. The candidate should also have experience working with aseptic techniques.

This is a full-time, 12-month limited-term position with reappointment contingent on available funding.

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.



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Microbiology &
Molecular Genetics**

Desired Qualifications

B.S. or M.S. degree in Biology, Genetics, Immunology or related fields, and at least one year of research experience in the molecular biology field.

Required Application Materials

Please submit a resume and the names and contact information for three references to <http://careers.msu.edu> posting #848365.

Please contact Dr. Yu Zhang at yzhang22@msu.edu with any questions.

Biomedical Physical Sciences
567 Wilson Road, Room 2209
East Lansing, MI 48824-4320

Summary of Health Risks

Some job duties may include exposure to human blood, serum, or tissue. The position may work with animals or unfixed animal tissue and may have other risks that have been identified by Environmental Health and Safety.

Website

<https://mmg.natsci.msu.edu/>

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.