Department of Microbiology and Molecular Genetics  
Michigan State University

Research Associate

**Position Summary**
The Department of Microbiology and Molecular Genetics is seeking a Research Associate (Post-Doc) to work in the laboratory of Dr. Kefei Yu. We are seeking a highly motivated scientist to carry out NIH-funded projects that study the mechanisms of antigen receptor gene diversification processes, maturation of broad neutralization antibodies against viral infection, and DNA repair mechanisms associated with genetic rearrangements in lymphocytes. A combination of approaches, including biochemistry, cell biology and animal models will be utilized. This is a full-time, 12-month fixed-term position that will begin after a suitable candidate is identified with reappointment contingent on satisfactory performance and available funding.

**Required Degree**
Doctorate - molecular biology or related field

**Minimum Requirements**
A Ph.D. or equivalent doctorate degree in molecular biology or related field is required.

**Desired Qualifications**
- Desired qualifications include expertise in protein biochemistry and molecular and cell biology.
- Previous experience in Bioinformatics are preferred, but not required.

**Summary of Health Risks**
Some projects will involve working with human cell lines and with mice and unfixed mouse tissues.

**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.

**Required Application Materials**
Please submit an application, cover letter explaining scientific interests, qualifications, career goals and prior research achievements, curriculum vitae, and the contact information of three referees to [http://careers.msu.edu](http://careers.msu.edu) posting #643135.