



Amit Sharma, PhD
Assistant Professor

Department of Veterinary Biosciences
Department of Microbial Infection and Immunity
366 VMAB, 1900 Coffey Road
Columbus, Ohio 43210
Email: sharma.157@osu.edu

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Sharma Laboratory

Center for Retrovirus Research
Infectious Diseases Institute
Ohio State University

Job Title: Research Technician

Start Date: Flexible

We are looking for an independent and highly motivated candidate to join our research group focused on studies of retrovirus-host interactions. The primary research focus of our laboratory is to study the host innate immune response against retrovirus infection and our research is uncovering the molecular mechanisms of retroviral restriction in non-human primates. Our ongoing research is characterizing the viral and host factors that drive selection, adaptation, and pathogenicity of chimeric SIV/HIV viruses (SHIVs) in macaque cells.

Qualifications: Bachelor's Degree in Biological Sciences or a related field. Previous laboratory experience is expected. Ability to work independently with excellent organizational and time management skills.

Summary of Duties: The research technician is expected to:

- Assist in performance of biomedical research projects.
- Carry out experimental designs for research projects and perform routine experiments.
- Help evaluate, interpret and assess experimental data and quality control of assays.
- Record and consolidate research data.
- Maintain databases, order supplies and maintain inventories.

Required Skills:

- Experience with cloning, cell culture and basic molecular biology techniques desired.
- Ability to use Microsoft Office programs required.
- Understanding of general and specific laboratory procedures, and scientific approach and methodologies.
- Ability to follow research methodology and protocol.
- Ability to read, understand, follow and enforce safety procedures.
- Strong critical thinking and attentiveness to detail required.

This position would be ideal for recent or soon-to-be graduates who are interested in gaining research experience over two years before starting graduate or medical school. Two year (or more) commitment strongly preferred.

Interested candidates should submit:

1. A cover letter expressing their interest in biomedical research and future career goals
2. CV
3. Contact information for three references

Application materials and questions regarding the position should be sent to Dr. Amit Sharma:
sharma.157@osu.edu