

Post Doctoral Fellow

The University of Missouri (MU) Mutant Mouse and Rat Resource and Research Centers are seeking a postdoctoral fellow to oversee and implement projects designed to develop and optimize translatability of rodent models of SARS-CoV-2. Research directions include studies on post-acute sequelae of SARS-CoV-2 (Long COVID), development and characterization of novel genetically engineered rodent models (including rat and mouse models) and their response to multiple viral strains and understanding the role of differing complex gut microbiota and targeted pathogen infection on the pathogenesis of SARS-CoV-2.

The fellow will be part of a multidisciplinary team that includes expertise in infectious disease, immunology, metagenomics, host genetics and rodent modeling in general. Resources include the NIH-funded Mutant Mouse Resource and Research Center and Rat Resource and Research Center, the Laboratory for Infectious Disease Research, one of 12 Regional Biocontainment laboratories in the country and several University of Missouri core facilities including animal modeling and metagenomics cores.

The position is available immediately for highly motivated candidates. Minimum qualification: Doctorate in a life-science related field at the time of appointment. Preferred candidates will have a Ph.D. or equivalent degree in virology, microbiology, immunology or a related field, knowledge in virology, molecular and cellular biology techniques, and previous experience with animal models with an emphasis on models of viral disease. Applicants without prior experience in these areas but with a strong interest in virology and immunology are also encouraged to apply.

Interested candidates should submit the following documents as a single PDF file through the application website: <https://hrs.missouri.edu/find-a-job/academic>, Job ID 38096. Questions can be directed to Craig Franklin, DVM, PhD (franklinc@missouri.edu).

1. Cover letter
2. Curriculum vitae including a list of publications
3. A list of three references

Applications will be considered until a suitable applicant is found.

This position is eligible for University benefits. The University offers a comprehensive benefits package, including medical, dental and vision plans, retirement, and educational fee discounts. For additional information on University benefits, please visit the Faculty & Staff Benefits website at <http://www.umsystem.edu/totalrewards/benefits>

The University of Missouri is fully committed to achieving the goal of a diverse and inclusive academic community of faculty, staff and students. We seek individuals who are committed to this goal and our core campus values of respect, responsibility, discovery and excellence.

Equal Opportunity is and shall be provided for all employees and applicants for employment on the basis of their demonstrated ability and competence without unlawful discrimination on the basis of their race, color, national origin, ancestry, religion, sex, pregnancy, sexual orientation, gender identity, gender expression, age, disability, protected veteran status, or any other status protected by applicable state or federal law. This policy shall not be interpreted in such a manner as to violate the legal rights of religious organizations, or the recruiting rights of military organizations associated with the Armed Forces or the Department of Homeland Security of the United States of America. For more information, call the Vice Chancellor of Human Resource Services/Affirmative Action officer at 573-882-4256.

To request ADA accommodations, please call the Disability Inclusion and ADA Compliance Manager at 573-884-7278.

To read more about Equal Employment Opportunity (EEO) please use the following links:

- EEO is the Law [English Version](#)
- EEO is the Law [Spanish Version](#)
- EEO is the Law [Chinese Version](#)

MU is located in the vibrant college town of Columbia, Missouri (<https://www.visitcolumbiamo.com/>) with easy access to St. Louis and Kansas City.