

## RNA Virologist

### Department of Microbiology, Immunology and Pathology

**Description.** The Department of Microbiology, Immunology and Pathology (<http://www.cvmb.colostate.edu/mip/>) invites applications and nominations for a tenure track, Assistant or Associate Professor position in RNA Virology, emphasizing research and scholarly activity in immunology of arbovirus or other emerging RNA virus diseases or epidemiology and control of virus diseases. This position offers an exciting opportunity for an individual to interact with faculty in a dynamic and highly successful department. The Department of Microbiology, Immunology and Pathology has 71 faculty members including tenure-track and research appointments. Departmental faculty members are responsible for teaching undergraduate, graduate and professional veterinary medical students. Faculty currently serve as major advisors for 56 Ph.D. students, 7 Ph.D/DVM students, 15 veterinary residents pursuing Ph.D. degrees and specialty board certification, and 15 thesis-based Master's degree students, as well as 215 undergraduate students enrolled in the Microbiology program of study. Combined residency/PhD programs in pathology, microbiology and comparative medicine provide for post-DVM training in diagnosis and investigation of naturally-occurring disease and modern laboratory research.

**Resources and Environment.** The resources and environment for Infectious Disease research at Colorado State University and in the Department are truly exceptional. The research programs in the Department and associated centers utilize state-of-the-art methods and facilities to address globally important infectious diseases. Extramural funding for MIP was \$34.5M in the past year. The faculty of the department are engaged in many research and training programs that are internationally recognized, including the Rocky Mountain Regional Center of Excellence (RMRCE) for Biodefense and Emerging Infectious Diseases, housed in the Rocky Mountain Regional Biocontainment Laboratory (RMRBL); the Arthropod-borne and Infectious Diseases Laboratory (AIDL); the Prion and Molecular Diseases Group; and the Mycobacterial Research Laboratory.

The MIP faculty provides the core for many outstanding university programs and activities in infectious diseases, including the CSU Veterinary Diagnostic Laboratory (<http://www.dlab.colostate.edu/index.htm>) and the Infectious Disease Supercluster (<http://www.infectiousdisease.colostate.edu>), an innovative program designed to bridge academic and commercial boundaries to speed the transition of life-saving research from the academic world to the global market place. Investigation of naturally-occurring diseases of animals is organized through the CSU Veterinary Diagnostic Laboratory, which provides a full spectrum of animal disease diagnostic services and educational outreach.

The extraordinary research and teaching opportunities at CSU are enriched by the highly interactive and collaborative environment with world recognized ID programs and scientists on campus and nearby, for example, in the Centers for Disease Control-Division of Vector-Borne Diseases, the United States Department of Agriculture-National Wildlife Research Center and Centers for Epidemiology and Animal Health. Members of the department have many collaborations with scientists in these and other federal, state and academic laboratories in Fort Collins, Boulder, and Denver, notably the University of Colorado, Boulder, the University of Colorado-Denver Medical School, and the National Jewish Medical and Research Center, Denver.

**Qualifications.** The successful candidate will have a PhD and/or DVM or MD degree (or equivalents) and have

demonstrated excellence in scholarly activity and research involving RNA viruses or viral immunology; an established extramurally funded research program; and experience in teaching and mentoring students and post-doctoral fellows. Women and minority candidates are encouraged to apply.

**Additional considerations.** Special consideration will be given to candidates with basic research programs in viral immunology (innate and/or acquired immunity), emerging RNA viruses, virus-host cell interactions, RNA virus pathogenesis or RNA biology in the context of virus infection. The successful candidate will preferably have a research program that emphasizes research on NIH priority pathogens and can benefit by access to the exceptional facilities and capacities in the Infectious Disease Research Center (<http://idrc.colostate.edu>), including the RMRCE and the RMRBL extensive large and small animal BSL3 facilities, and Animal Models, Product Development and Manufacturing, and BioMolecular Analysis Cores; the Veterinary Teaching Hospital and Diagnostic Laboratory; and AIDL. AIDL and associated Virology BSL3 suite have state of the art insectaries for candidates with a research interest in virus-vector interactions and natural routes of transmission. The candidate will be expected to participate in the MIP undergraduate, graduate, and/or professional teaching programs. The successful candidate will be expected to complement existing research programs but also bring new research directions to the department. S/he will be expected to collaborate in development of virology or immunology training and research programs, to develop or maintain a nationally recognized research program, and to participate in a leadership or collaborative role in the Department and other CSU programs as appropriate.

**Salary and Start-up Funds:** Salary and start-up funds are competitive and commensurate with qualifications and experience.

**Application:** Applicants should send electronically to the chair of the search committee a letter expressing their interest and qualifications for the position and their vision for their research program and interactions with CSU faculty and programs. They should also include their curriculum vitae and the names, mailing addresses, and e-mail addresses of at least three references to:

RNA Virologist Search Committee  
c/o Andrea Guillory  
Department of Microbiology, Immunology, and Pathology  
1619 Campus Delivery  
Colorado State University  
Fort Collins, CO 80523-1619  
[Andrea.Guillory@colostate.edu](mailto:Andrea.Guillory@colostate.edu)  
970-491-7861

Applications and nominations will be considered until the position is filled; however, to ensure full consideration applications should be submitted by April 15, 2012.

Colorado State University does not discriminate on the basis of race, age, color, religion, national origin or ancestry, sex, gender, disability, veteran status, genetic information, sexual orientation, or gender identity or expression. Colorado State University is an equal opportunity/equal access/affirmative action employer fully committed to achieving a diverse workforce and complies with all Federal and Colorado State laws, regulations, and executive orders regarding non-discrimination and affirmative action. The Office of Equal Opportunity is located in 101 Student Services.

Colorado State University is committed to providing a safe and productive learning and living community. To achieve that goal, we conduct background investigations for all final candidates being considered for employment. Background checks may include, but are not limited to, criminal history, national sex offender search and motor vehicle history.