



College of Veterinary Medicine

University of Missouri-Columbia  
An Equal Opportunity /ADA Institution

Department of Veterinary Pathobiology

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Department: **University of Missouri – Department of Veterinary Pathobiology**

Position: **Postdoctoral Position in Adaptive Immunity to Bacterial Infection**

Job ID: **46349** on <https://hrs.missouri.edu/find-a-job/academic>

### Position Description

A postdoctoral position is immediately available for a candidate to investigate how interactions between B and T cells affect the outcome of *Brucella* infection in the laboratory of Dr. Jerod Skyberg, Dept. of Veterinary Pathobiology at the University of Missouri ([vpbio.missouri.edu](http://vpbio.missouri.edu)).

The successful candidate will employ various mouse models (knockout, transgenic, etc.) in conjunction with the molecular analysis of B and T cells to address the goals of this NIH-funded project. We are seeking a postdoctoral fellow who has a strong background in cellular and molecular immunology and holds a Ph.D. in a field related to immunology or microbiology. Experience with murine models, flow cytometry, and molecular biology is desired. The candidate should be highly motivated with a keen interest to develop and pursue innovative approaches to address this exciting research topic. Fully equipped laboratories (BSL2 and BSL3), and excellent on-campus core facilities (flow cytometry, electron/confocal microscopy, genomics, proteomics, metabolomics, etc.) are available to conduct these studies.

If you have questions about the position, please contact Dr. Jerod Skyberg (573)884-2597 or email [skybergj@missouri.edu](mailto:skybergj@missouri.edu).

Details about the position, MU and Columbia are posted online at <https://hrs.missouri.edu/find-a-job/academic>

### Minimum Qualifications

- PhD in immunology or microbiology, by the time of appointment.
- The candidate will have demonstrated experience in murine models of infection or inflammation, flow cytometry, and/or molecular biology.

Application materials must be submitted online: <https://hrs.missouri.edu/find-a-job/academic>. Interested candidates should be prepared to attach:

1. a letter stating professional interests and career goals.
2. contact information (including email addresses) for three references.
3. a curriculum vitae.

If you have questions about the online application process, please consult Human Resources web sites: email [umpshrsupport@umsystem.edu](mailto:umpshrsupport@umsystem.edu) or call (573)882-7976.

### Salary and Benefits

Salary will be commensurate with education, training, and experience.

These positions are 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>.

### **Equal Employment Opportunity**

The University of Missouri is an equal access, equal opportunity, affirmative action employer that is fully committed to achieving a diverse faculty and staff. 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, sexual orientation, gender identity, gender expression, age, genetic information, disability, or protected veteran status. For more information, call the Associate 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.

### **EEO IS THE LAW**

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](#)

### **Values Commitment**

We value the uniqueness of every individual and strive to ensure each person's success. Contributions from individuals with diverse backgrounds, experiences and perspectives promote intellectual pluralism and enable us to achieve the excellence that we seek in learning, research, and engagement. This commitment makes our university a better place to work, learn and innovate.

### **Our Campus and Our Community**

MU is a nationally competitive, global university. Many states fund separate research and land-grant universities, but Missouri combines those roles at its flagship institution. MU is both a land-grant university with a statewide mission of service to citizens and Missouri's largest public research university. Mizzou is one of only five universities nationwide that offers law, medicine, veterinary medicine, and a nuclear research reactor on one campus.

MU is a national leader in comparative medicine, in which researchers collaborate by sharing discoveries, innovations and treatments for humans and animals. For more about the College of Veterinary Medicine and our impact on Missouri, the nation, and the world, go to:

- University of Missouri/College of Veterinary Medicine - <http://cvm.missouri.edu/>
- Department of Veterinary Pathobiology - [vpbio.missouri.edu](http://vpbio.missouri.edu).

**Studies consistently rank Columbia as a top city in which to live for educational facilities, health care, technological savvy, economic growth, and cultural opportunities.** The cost of living is affordable, whether you prefer an apartment in the city, a farm on a country road or a family home near a top-notch school. With a population of 108,500, Columbia is located in the heart of Missouri on Interstate 70.

Here are a variety of links that provide insights to this special place to live:

**Columbia Convention and Visitors Bureau** - [Columbia Convention and Visitors Bureau](#)

**Columbia-Downtown Association** - [Welcome to The District](#)

**Columbia Public Schools** - [Columbia Public Schools / Home](#)

**Columbia Independent School** – [Columbia Independent School](#)

**Columbia Catholic School** – [Our Lady of Lourdes Interparish School | Our Lady of Lourdes](#)

**Columbia Activity and Recreation Center** - [ARC Amenities](#)

**Columbia Parks and Recreation** - [Parks and Recreation](#)

**Trail Directory-** [Trails Directory - City of Columbia Missouri](#)

**Katy Trail** - [Katy Trail Information](#)

**Stephens Lake Park-** [Stephens Lake Park - City of Columbia Missouri](#)

**There are 22 area sites owned, leased, or managed by** [Missouri Department of Conservation](#)

**Daniel Boone Regional Library** - [Daniel Boone Regional Library](#)

**Columbia's Farmer's Market** – [Columbia Farmers Market – Meet Me at the Farmers Market!](#)

**Art in Columbia** – [Arts in Columbia - City of Columbia Missouri](#)

**Film Festival** – [True/False Film Fest • Ragtag Cinema](#)

**Jazz** – ["We Always Swing" Jazz Series](#)

**Blues Festival** - [Roots N Blues Festival](#)

**RagTag Cinema** - [Home • Ragtag Cinema](#)

**University Concert Series** – [Home | Concert Series | University of Missouri](#)

**Golf Courses** – [11 Golf Courses near Columbia, MO - Reviews & Ratings | GolfLink](#)

**Wineries & breweries-** [Wineries & Breweries - Columbia Convention and Visitors Bureau](#)

**Radio Stations** – NPR: [Homepage | KBIA](#) or [News/Talk 98.9FM & 1400AM | KFRU-COLUMBIA](#)

**Newspapers** – [Columbia Daily Tribune: Local News, Politics & Sports in Columbia, MO \(columbiatribune.com\)](#) and [columbiamissourian.com | Serving the community since 1908](#)