



Assistant Research Professor in Reproductive Biology University of Missouri-Columbia

The Division of Animal Sciences at the University of Missouri-Columbia invites applications for an Assistant Research Professor in Reproductive Biology. The successful candidate will become a member of a team focused on the derivation and characterization of pluripotent stem cells from swine and cattle and in approaches to improve the maturation of oocytes from these and other species, with a goal of improving livestock production and human reproductive health.

The successful candidate will be responsible for defining hormonal, cellular and molecular mechanisms that provide stability to the intracellular signaling pathways that maintain pluripotent stem cells in a stable state and prevent them from differentiating. The candidate will also determine the most optimal culture conditions for maturing immature oocytes from ovarian tissue to a competent state so that they can be fertilized successfully and subsequently employed in embryo transfer to produce offspring. The candidate will conduct research using a variety of cell culture models and is expected to collaborate with faculty within the department, college and university in disciplines that include genetics, reproductive sciences, developmental biology, nutrition, and animal and human health.

The successful candidate is required to make a major contribution to the Animal Reproductive Biology program within the Division of Animal Sciences. These contributions will include the development and submission of grant applications and of manuscripts to peer reviewed journals. It will also include mentoring of laboratory personnel, including graduate students and postdoctoral fellows, as well as presenting guest lectures in undergraduate and graduate courses. Candidates for the position must have a Ph.D. degree in Reproductive Biology, Animal Sciences, or a related field of life sciences from an accredited institution; evidence of outstanding scholarly activity in terms of published papers; and possess excellent verbal and written communication skills. He/she must have undergone at least two years of previous postdoctoral experience in reproductive biology. The ability to assimilate information in a critical manner from a number of disciplines (biology, development, genetics, nutrition and statistics), talent for working with animal models, and interest in teamwork and interdisciplinary cooperation are desirable. The position will be in the Division of Animal Sciences within the College of Agriculture, Food and Natural Resources in a laboratory housed in the Bond Life Sciences Center. This is a professional track position with salary commensurate with experience and annual renewal of contract dependent on performance.

Applications should include: Applications should include a letter describing interest in the position, a curriculum vitae, and the names of at least three individuals who might act as references.

Applications Submission: Please visit <http://hrs.missouri.edu/find-a-job/academic/index.php> to submit an application. Questions regarding this position should be directed to Dr. R. Michael Roberts, at robertsrm@missouri.edu.

Applications must be received by April 21, 2016; the position is available July 1, 2016.

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.

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.
