

## Postdoctoral Position in Stem Cell and Regenerative Biology

The [Seifert lab](#) in the [Department of Biology](#) at the University of Kentucky (UK) is seeking an exceptionally creative postdoctoral researcher to join our group. The successful candidate will lead an effort to isolate stable embryonic stem cell lines and/or derive iPSC lines for genomic modification and subsequent generation of transgenic spiny mice. This project will provide freedom to work on additional projects related to early embryonic development in spiny mice or projects investigating the cellular and molecular basis for complex tissue regeneration in mammals. To pursue these lines of research we maintain an active breeding colony of spiny mice (*Acomys cahirinus*) at UK.

Ideal candidates will have a strong background in developmental biology, experience working with ESCs and iPSCs and mouse transgenesis, experience working with model or non-model organisms, expertise in microscopy and comfortability with bioinformatics. While this is a funded position, postdocs in the Seifert lab are strongly encouraged to develop their own projects and external funding portfolios as a pathway toward independence. Salary follows NIH guidelines for postdoctoral researchers. Informal inquiries by email are strongly encouraged. For additional information visit: <http://www.ashleyseifert.com/opportunities.html>

Review of applications will begin on a rolling basis and will continue until the position has been filled. Ideal start date is Spring 2020. Candidates will have completed their Ph.D. prior to starting the position but need not have defended their dissertation prior to applying.

Applicants should submit their application materials through the UK Jobs site (upload under Specific Request 1) at <http://ukjobs.uky.edu/postings/251962>. In addition, applicants should send a single pdf document to Ashley Seifert ([awseifert@uky.edu](mailto:awseifert@uky.edu)) that includes their CV, names of three references, and a 1-2-page synopsis of their current research interests and how these complement our overall research program.

The Department of Biology houses a strong group of research labs interested in regenerative and stem cell biology using a diverse array of animal models (e.g., spiny mice, salamanders, planarians, lampreys, zebrafish) and *in vitro* systems. Together, these labs create a vibrant atmosphere to pursue interdisciplinary projects across comparative genomics, developmental, regenerative and evolutionary biology.

*The University of Kentucky is an Equal Opportunity Employer and encourages applications from veterans, individuals with disabilities, women, African Americans, and all minorities.*