Postdoctoral Position  
ASU School of Biological and Health Systems Engineering

The laboratory of Dr. Madeline Andrews, located in the Regenerative Medicine group of the School of Biological and Health Systems at ASU, is seeking highly motivated applicants for a postdoctoral researcher position. The Andrews Lab utilizes human pluripotent stem cells, cortical organoids, and transplantation model systems with genomics and informatics approaches to study features of neural development and disease. The postdoctoral fellow will investigate the contribution of immune cell types and signaling mechanisms to brain development and neurodevelopmental disease using combined *in vitro* and *in vivo* methods, immunohistochemistry, flow cytometry, and omics approaches. Hardworking, motivated and enthusiastic candidates who have strong organizational skills and work well on a scientific team are encouraged to apply. This position requires a PhD in developmental biology, bioinformatics, bioengineering, neuroscience, or a related discipline. Experience with human pluripotent stem cell culture and/or bioinformatics are strongly encouraged. Interested applicants should submit a cover letter describing their scientific interests, research experience and career goals, as well as their CV and the names and email addresses of at least three professional references.

**Details:**
This postdoctoral position is for a funded project as directed by the principle investigator, Dr. Madeline Andrews. Activities will include routine maintenance and differentiation of pluripotent stem cells, flow cytometry, microscopy, RNA sequencing and bioinformatic analysis. The postdoctoral scholar will be responsible for organizing and presenting data as part of laboratory meetings, conferences, and scientific manuscripts. The postdoctoral trainee will receive training in grant writing and be encouraged to apply for individual fellowship opportunities.

**Working Environment:**
- Collaborative, fast-paced research environment in an open concept lab space where neighboring groups have complementary expertise in stem cell biology, genome engineering and bioengineering
- The lab space is located near the Regenerative Medicine Core, which includes state-of-the-art equipment, resources, and technical support for research
- The Andrews lab prioritizes collegial interactions and supports engagement in high-quality science through respectful and constructive interactions

**Necessary qualifications:**
- PhD in developmental biology, bioinformatics, bioengineering, neuroscience, or related discipline

**Desired qualifications:**
- Track record of high-quality publications
- Experience with pluripotent stem cell culture, informatics or RNA sequencing approaches
- Self-driven and motivated
- Scientific communication and presentation skills

**Arizona State University (ASU):**
ASU is a VEVRAA Federal Contractor and an Equal Opportunity/Affirmative Action Employer. All qualified applicants will be considered without regard to race, color, sex, religion, national origin, disability, protected veteran status, or any other basis protected by law.

Please send applications, including resume/CV and contact information from three references, via email to Dr. Madeline Andrews: Madeline.Andrews@asu.edu