Department of Microbiology and Molecular Genetics
Michigan State University

Research Associate

Position Summary
Michigan State University is one of the top institutions for biomedical research. One position for a postdoctoral research associate is available in the laboratory of Dr. Brian Schutte in the Department of Microbiology and Molecular Genetics. https://mmg.natsci.msu.edu/people/faculty/schutte-brian/
We seek an excellent post-doctoral associate to conduct research to understand the role of periderm development and function during development of the palate. Strong skills and experience with genetics is expected. The successful applicant will be independent, motivated, and able to work as part of a collaborative team. S/he will have proven skills in genetics and molecular laboratory techniques, as well as strong writing and communication skills. A familiarity with complex traits, especially orofacial clefting will be viewed favorably. Applicants should hold a PhD in a field related to genetics or bioinformatics/genomics. The postdoc will be part of the Craniofacial Interest Group, a multi-institutional and disciplinary research group. The successful applicant will have the opportunity to interact with a wide range of researchers in human, mouse, zebrafish genetics and genomics, and both medical and dental clinicians. This is a full-time, 12-month fixed-term position with reappointment contingent on satisfactory performance and available funding.

Required Degree
Doctorate - Genetic/Genomic sciences

Minimum Requirements
Applicants should hold a PhD in a field related to genetics, molecular biology, biochemistry, bioinformatics/genomics.

Desired Qualifications
The successful applicant will have demonstrated skills in mammalian genetics or genomics and genetic or gneomic analyses. Skills desired include: strong writing and communication skills; standard genetic and/or molecular laboratory skills or past related experience; past experiences in working with human and or animal tissues or nucleic acid samples. A record of scientific publication in peer-reviewed journals is expected. An interest in or familiarity with craniofacial genetics, especially orofacial clefting will be viewed favorably. The successful applicant must be independent, motivated, and able to work as part of a collaborative team.

Required Application Materials
Please submit a statement describing relevant skills, research accomplishments and research interests, a current CV, and contact information for three references to http://careers.msu.edu posting #590008.

Summary of Health Risks
Some projects require working with animals or unfixed animal tissue.

MSU Statement
Michigan State University has been advancing the common good with uncommon will for more than 160 years. One of the top research universities in the world, MSU pushes the boundaries of discovery and forges enduring partnerships to solve the most pressing global challenges while providing life-changing opportunities to a diverse and inclusive academic community through more than 200 programs of study in 17 degree-granting colleges.