



Staff Scientist – Endocrinology, Metabolism & Lipid Research

St. Louis, Missouri, United States. Posting #JR50188

Position Summary

A staff scientist is sought to fill a position to work in the diabetes research and regenerative medicine laboratory of Dr. Jeffrey Millman at Washington University in St. Louis. The laboratory focuses on the generation insulin-producing pancreatic β cells for the study and treatment of diabetes. We have a wide diversity of projects involving stem cells differentiation, genetic engineering with CRISPR, disease modeling, transplantation into animal models of diabetes, biomedical engineering, bioinformatics, and single-cell sequencing technologies and has been very productive with publications in high impact journals. The ideal candidate would be able to provide high level support across multiple projects.

Successful candidates will have skills and training to assist in research project management, including experimental design, data analysis, documentation of experimental results, and generation of reports for funding agencies.

For more information about the lab, please visit: <https://sites.wustl.edu/millmanlab/>.

Basic education, experience and skills required for consideration:

- Master's degree with four years of experience in research lab operations or an equivalent combination of education and experience equaling nine years.
- Following instructions and discussions with PI, designs research protocols, including developing procedures for the collection, verification and management of data.
- Assists with grant preparation and reporting.
- Performs complex statistical analysis of data collected/writes interpretative reports. Verifies the correctness of the data and makes recommendations
- Documents research topics and prepares/submits papers based on research for publication or presentation to peers.
- Conducts literature searches related to research project.
- Provide coordination with collaborators.
- Assists with reports to funding agencies.
- Performs other duties as assigned.

Preferred qualifications:

- Ph.D. degree in a field relevant to studying stem cells, cellular biology, and diabetes.
- Proficient in cellular and molecular bioengineering techniques, including cell culture, stem cell differentiation, flow cytometry, immunohistochemistry/immunocytochemistry, ELISA, PCR and single cell RNA sequencing.
- Motivated and able to work independently, as well as works well with others.
- Attentive to detail and record keeping.
- Expertise in biostatistics and basic programming skills.
- Experience in relevant computer programs (e.g. flow cytometry analysis software, R statistical analysis).

Additional Information:

- To apply, please see job posting at https://wustl.wd1.myworkdayjobs.com/External/job/Washington-University-Medical-Campus/Staff-Scientist---Endocrinology--Metabolism---Lipid-Research_JR50188

Washington University is dedicated to building a diverse community of individuals who are committed to contributing to an inclusive environment – fostering respect for all and welcoming individuals from diverse backgrounds, experiences and perspectives. Individuals with a commitment to these values are encouraged to apply.