

Research Lab Specialist Lead

There is currently position available in the lab of Dr. Michael Holinstat for a Research Lab Specialist Lead in the Department of Pharmacology at the University of Michigan, Ann Arbor, MI. The position is for an experienced senior scientist to work in a vibrant research environment focused on basic, clinical, and translational research in the area of cardiovascular medicine. Applicants should have successfully defended their PhD thesis and have a minimum of 5-10 years' experience in conducting high impact research, mentoring junior researchers and oversight of research projects involving diverse approaches including microscopy (both *in vivo* and *in vitro*), flow cytometry, protein chemistry (western blot analysis), and working with platelets. The lab functions in a collaborative work environment with access to all of the state-of-the-art equipment in order to gain a greater understanding of signaling in the platelet, hemostasis and thrombosis in the *in vitro*, *ex vivo*, and *in vivo* setting in both human and mouse models.

The position will include lab managerial responsibilities, working with the various research teams in the lab, developing, advancing, and taking the lead on one or more research projects in the lab. The applicant should be familiar with mouse models and be willing to focus on both human and mouse vascular questions related to hemostasis and clotting with a special emphasis on the platelet. The project will utilize the following equipment located in the lab: 1) upright and inverted intravital, confocal, and fluorescent microscopy, 2) aggregometry, 3) flow cytometry, 4) western blot electrophoresis, 5) RT-PCR, 6) Hemavet, and 7) plate reader. An understanding of lipid biology, protein chemistry, biochemistry, pharmacology, and signal transduction is preferred. Familiarity with *in vivo* or *ex vivo* platelet function is required.

If you should have any further questions regarding these positions or would like to apply, please feel free to contact me at: mholinst@umich.edu.

Regards,

Michael Holinstat, PhD, FAHA
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and Vascular Surgery
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