

## **Postdoctoral Fellow in Protein Mass Spectrometry**

The Mass Spectrometry Center in the Department of Pharmaceutical Sciences in the University of Maryland School of Pharmacy is searching for creative, motivated, and disciplined candidates for a **Postdoctoral Fellow in Protein Mass Spectrometry**. The successful candidate will perform collaborative research on a funded project under the direction of Dr. Maureen Kane and Dr. Peter Swaan. This position is responsible for ensuring design, development, documentation and implementation of research procedures and protocols using a variety of complex activities. The candidate is expected to contribute technical leadership in mass spectrometry and analytical topics. The research project involves the characterization of post-translational modifications (PTMs) of the apical sodium–bile acid transporter (ASBT) protein which is a membrane protein responsible for the uptake of bile acids in the intestine. Protein mass spectrometry experience and experience characterizing PTMs is desired. The ideal candidate has expertise in eukaryotic membrane protein expression systems (including cell-free systems), protein engineering, purification, scale-up, reconstitution as well as functional and kinetic transport assays.

Applicants should have a Bachelor's and Ph.D. degree in Chemistry or a related field of study. Research specialization / experience must be in mass spectrometry with a focus on protein mass spectrometry, PTM analyses.

Experience and record of accomplishment via peer-reviewed publications is highly desirable. Applicant must be self-motivated, methodical, detail-oriented, and possess excellent oral and written skills. Applicant must be interested in participating in a collaborative environment.

Please apply by submitting a letter of intent, curriculum vitae and names and contact information of at least three references to [massspec@rx.umaryland.edu](mailto:massspec@rx.umaryland.edu) . Please specify the job title "**Postdoctoral Fellow in Protein Mass Spectrometry**" in the email subject line.

The UMB School of Pharmacy Mass Spectrometry Center hosts 17 state-of-the-art mass spectrometers and has expertise in metabolomics, lipidomics, proteomics, drug analysis, protein structure, and mass spectrometry imaging. Review of applications will continue until the position is filled. (<http://www.pharmacy.umaryland.edu/centers/massspec/>)

The University of Maryland, Baltimore is an Equal Opportunity/Affirmative Action Employer. Minorities, women, veterans and individuals with disabilities are encouraged to apply.