

Two postdoctoral research associate positions are immediately available in the medicinal plant science lab at Morgan State University. The lab is located at the main Campus in Baltimore, MD. Our work focuses on the new methods for the authentication and quality control of plant materials. Our current project involves the development of NMR and LC/MS metabolomics approaches to characterize the complex botanical materials.

We are seeking highly motivated and outstanding scholars to join our team. One position is in the field of chemometrics and metabolomics. The ideal candidate will have a Ph.D. in natural products chemistry, analytical chemistry, NMR, or mass spectrometry. Experience in chemometrics and metabolomics analysis is required. Hands-on experience in NMR and SFC/MS is desirable. Candidates with experience in chemometric analysis of plant materials using NMR and/or SFC/MS are particularly encouraged to apply.

Another position is for the authentication of plant materials using morphological and molecular biological methods. The candidate should have a Ph.D. in plant taxonomy, plant biology, dietary supplement, Pharmacognosy, or related field. Expertise in morphological and DNA bar-coding for plant authentication is essential. Experience in herb medicine, dietary supplements, natural product chemistry are desired. Familiar with NMR and HPLC/MS is an add-on.

Both position are available until filled. Interested applicants are encouraged to apply by contacting Dr. Jiangnan Peng at Jiangnan.peng@morgan.edu.