Postdoc

Description

Job Description – We are seeking a highly motivated and detail-oriented postdoc to join our dynamic research team. The successful candidate will study the chemical composition of functional foods and herbal medicines, utilize metabolomic approaches to investigate dietary biomarkers, and explore the interactions between dietary compounds and the gut microbiome. This role requires hands-on laboratory expertise, strong analytical skills, and a passion for advancing scientific understanding in functional foods and nutrition.

Responsibilities – (1) Study the chemical composition of functional foods and herbal medicine(2) Using metabolomic approaches to investigate dietary biomarkers(3) Investigate the interactions between gut microbiome and dietary compounds(4) Publish results and attend conference (5) Maintain and run laboratory instruments(6) Provide technical assistance to graduate and undergraduate students working in the lab as needed

Qualifications – Ph.D. in nutrition/food science, natural products, analytical chemistry, or other closely related fields.•Extensive experience with various spectroscopic chromatography, including but not limited to NMR, GC/MS and LC/MS•Experience with biotransformation of phytochemicals in cells and in vivo Experience in qualitative analysis of metabolites, and trace-level analysis of biomolecules in vivo•Knowledge in mass-based metabolomic research•Knowledge in the interactions between gut microbiome and dietary compounds•Excellent written and oral communication skills for communicating and publishing scientific results•Strong ability to work both independently and in a team environment

Contact – Shengmin Sang, ssang@ncat.edu

Post End Date – 04/26/2025

Contacts

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Website – https://jobs.ncat.edu/postings/29418

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Hiring organization
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