

Postdoctoral Researcher – Maize Root Specialized Metabolism

Job Description

A postdoctoral position to investigate maize specialized metabolism is available in the laboratory of Georg Jander at the Boyce Thompson Institute in Ithaca, New York (<https://btiscience.org/georg-jander/>). Research conducted by the postdoc will involve analysis of maize root metabolites and exudates by HPLC-MS, genetic mapping of genes that influence the accumulation of selected metabolites, and downstream work to characterize the functions of the identified genes and metabolites in plant interactions with other organisms. The planned experiments will be conducted in collaboration with other maize researchers at Cornell University. Familiarity with mass spectrometry is required and prior experience with plant genetics and molecular biology is preferred.

How to Apply

The position will be available starting in July 2022, and applications will be considered until the position is filled. Inquiries and applications (cover letter, *curriculum vitae*, and contact information for three references) can be sent to Georg Jander, gj32@cornell.edu.