A Postdoctoral position in Plant Molecular Biology and Metabolism is available in the group of Dr. Monica Borghi at Utah State University, Dept of Biology, Logan, UT

The postdoctoral scientist will contribute to an ongoing project investigating the molecular mechanisms underlying regulation, production, and accumulation of primary and secondary metabolites in flowers of the species *Phaseolus* (bean) and *Vaccinium corymbosum* (blueberry).

Production of fruits and seeds in bean and blueberry depend on successful pollination mediated by insects. As metabolites of flowers mediate the interaction between plants and pollinators (Borghi et al., 2017; Borghi & Fernie, 2017), the project builds on the underlying idea that manipulation of flower metabolites may result in increased yield (Borghi & Fernie, 2020).

The postdoctoral scientist will investigate and compare different molecular mechanisms involved in the regulation, production, and accumulation of flower metabolites. The successful applicant has a strong background in plant molecular biology, including gene cloning and analysis of gene expression, protein purification, protein expression in heterologous systems and analysis of protein activity. Previous knowledge of primary and secondary metabolite extraction and analysis is preferred.

The position is for one year with the possibility of extension after successful evaluation. Indicative starting date: November 2021.

Please send your application, including your curriculum vitae, evidence for your expertise in the field of Plant Molecular Biology, names of two referees and a motivation letter via email to Monica Borghi (monica.borghi@usu.edu). The motivation letter should explain your interest in this specific project. Please include a referral to this advertisement in the email subject line.