Postdoctoral Position in Plant Synthetic Biology

Position Summary:

Come join us at the newly formed Center for Precision Plant Genomics at the University of Minnesota! Group members in the CPPG are working to develop plant genomes-by-design using recent advances in gene editing and plant synthetic biology.

The Smanski Lab at the University of Minnesota is seeking a postdoctoral associate with a focus in Synthetic Biology and Plant Genome Engineering. The successful applicant will develop novel genetic biocontainment strategies that prevent gene flow between engineered and wild-type plants.

Our lab is focused on leveraging the latest technologies in DNA synthesis and assembly to engineer complex systems. We develop new solutions to meet decades-old problems in medicine, agriculture, and the environment. The successful applicant will join a diverse and interdisciplinary team of researchers tackling global problems. For more information on the Smanski Lab, visit the lab website (http://www.bti.umn.edu/labs/smanski/).

Applicants should have a PhD in plant biology, molecular biology, genetics, biochemistry, or a related field. Experience working with monocots is preferred. The start date for this position is negotiable, but the position is available immediately. The position will be for one year terms that are renewed annually based on performance. To apply, please submit a cover letter, CV including complete list of publications, and names and contact information for three references. Submit materials directly to Dr. Mike Smanski (smanski@umn.edu). Review of applications will begin immediately and continue until the position is filled.