

The Joint BioEnergy Institute (JBEI) located at Lawrence Berkeley National Laboratory in Berkeley, California, has three postdoc positions open to be filled as soon as possible. Short summaries are given here. Please follow the links for more details or to apply online, or contact Jenny (jcmortimer@lbl.gov) or Henrik (hscheller@lbl.gov) for more info.

Position 1. The postdoctoral fellow will be part of the Cell Wall Biology Group led by Henrik Scheller, and part of the Feedstocks Division at JBEI. Specifically, this position will be involved in projects relating to cell wall biosynthesis: (1) engineer bioenergy crops with improved cell wall composition and determine their resilience to environmental stress, (2) identify and characterize enzymes involved in glycan biosynthesis in sorghum and other plants.

<https://lbl.referrals.selectminds.com/jobs/plant-biochemistry-postdoctoral-scholar-2232>

Position 2. The Postdoctoral Fellow will be part of the Plant Systems Biology Group led by Jenny Mortimer, and part of the Feedstocks Division at JBEI. This position will be involved in projects relating to understanding soil carbon sequestration by grasses during drought: (1) using JBEI-generated sorghum lines, collect field and lab data on the soil microbiome and organic carbon accumulation (2) test the effects of drought on this process and (3) use multi-omics methods to identify factors which drive it.

<https://lbl.referrals.selectminds.com/jobs/plant-biochemistry-postdoc-2218>

Position 3. The postdoctoral fellow will be part of the Cell Wall Biology Group led by Henrik Scheller, and part of the Feedstocks Division at JBEI. The postdoc will be involved in projects focused on assessing the role of the plant cell wall and cell surface in interactions between plants and symbiotic microorganisms, particularly arbuscular mycorrhizal fungi and Rhizobia.

<https://lbl.referrals.selectminds.com/jobs/plant-microbe-interaction-postdoc-2229>