

**Exciting and unique postdoctoral opportunity
at Lawrence Berkeley National Laboratory in Plant Microbiome Research**



EcoPod
(Picture taken from iDiv Ecotron,
Eisenhauer & Türke, 2018)

Project features:

Develop a state-of-the-art growth chamber (“EcoPod”) to study **plant-microbiome-ecosystem dynamics** under conditions relevant to the real world:

<https://sites.google.com/lbl.gov/ecopods/>

Work with a **multi-disciplinary team** of engineers, plant biologists, microbial ecologists and soil scientists at a national lab

Conduct drought experiments with *Panicum* grasses

Generate and analyze **multi-faceted datasets**, including genomic, transcriptomic, metabolomic and geochemical data

Required qualifications:

Highly motivated and independently working candidates with interest in plant microbiome research

Background in molecular biology, microbiology, bioinformatics and/or plant biology

Experience in generating and analyzing ‘meta-omics’ data, working in symbiotic systems, and plant maintenance is of advantage

Good communication skills and the ability to work in a team are essential

Target start date: August 1, 2018

If interested, please send a detailed CV to Esther Singer: esinger@lbl.gov

Official posting:

<https://lbl.taleo.net/careersection/2/jobdetail.ftl?lang=en&job=85121>

