

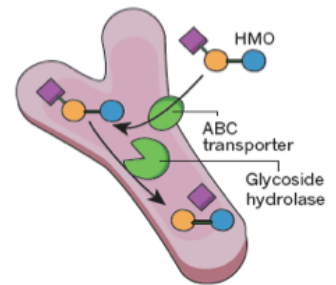
Junior Specialist Positions- Microbiology

Laboratory of David A. Mills

Location: Robert Mondavi Institute, UC Davis

Position Application Link: <https://recruit.ucdavis.edu/JPF04792>

Application Deadline: *May 23rd, 2022*



Bifidobacterium sp. consumption of oligosaccharides

Description: Two Junior Specialist positions are currently available in the Laboratory of Prof. David A. Mills at UC Davis. (see <https://mills.ucdavis.edu/>)

Our team examines the relationship between gut health and diet. Specifically, our research focuses on the fundamental biology of keystone bacteria that colonize animal gastrointestinal tracts. Outcomes of our research include translatable therapies, diagnostics and diet-based tools that promote and maintain gut health.

The role of this position is to provide specialized expertise in microbiology and molecular biology for the lab of Prof. David Mills at UC Davis. These positions will be actively engaged in research across several projects that use animal and cell culture models to understand the ecological fitness of potential probiotics and their interaction with the gut microbial communities and the host. The Jr. Specialists will be trained to use the following techniques: molecular bacteriology, large sample set organization, anaerobic microbiology, DNA extractions from feces and other environmental samples, QPCR, PCR, protein expression & purification, eukaryotic cell culture techniques, in vitro digestion assays, and immunological assays including ELISA, immunofluorescence and flow cytometry.

For requirements/qualifications please refer to the position link (<https://recruit.ucdavis.edu/JPF04792>)



Fecal bioreactors



Robert Mondavi Institute – UC Davis