



Postdoctoral position available in molecular microbiology and microbial ecology of the fiber/gut microbe interface – Summer 2021

The Mills lab is looking for a postdoctoral scientist to examine the influence of specific fiber chemical structure on gut microbial ecology and strain consumption pattern. The ideal candidate would have expertise and/or familiarity with anaerobic microbiology, microbiota analyses (metagenomics), bacterial genomics, genetics and physiology. The work will involve characterization of microbial food glycan networks and/or individual strains that arise from consumption of compositionally diverse fiber inputs using a variety of approaches (anaerobic bioreactor arrays, single strain analyses, genomics, glycomics, metabolomics etc).

The Mills lab is housed in the Department of Food Science & Technology in the Robert Mondavi Institute for Wine and Food Sciences at UC Davis. This position is part of a multi-PI, multi-disciplinary NIH-funded effort at UC Davis to characterize the interface between the diverse plant fiber glycome and the gut microbiome of weaning.

To apply:

Candidates interested in these positions should send a short (<one page) letter of interest, a CV and a list of three references to David Mills (damills@ucdavis.edu). Please include “**Mills_Lab_Postdoc_fiber**” in the email subject heading.