

Video Article

Investigating the Microbial Community in the Termite Hindgut - Interview

Jared Leadbetter¹

¹Department of Environmental Science and Engineering, California Institute of Technology - Caltech

URL: <http://www.jove.com/video/196>

DOI: [doi:10.3791/196](https://doi.org/10.3791/196)

Keywords: Microbiology, issue 4, microbial community, diversity

Date Published: 5/28/2007

Citation: Leadbetter, J. Investigating the Microbial Community in the Termite Hindgut - Interview. *J. Vis. Exp.* (4), e196, doi:10.3791/196 (2007).

Abstract

Jared Leadbetter explains why the termite-gut microbial community is an excellent system for studying the complex interactions between microbes. The symbiotic relationship existing between the host insect and lignocellulose-degrading gut microbes is explained, as well as the industrial uses of these microbes for degrading plant biomass and generating biofuels.

Video Link

The video component of this article can be found at <http://www.jove.com/video/196/>

Disclosures

The authors have nothing to disclose.