Allison Lopatkin, Ph.D.

University of Rochester, Department of Chemical Engineering and Biomedical Engineering

BME Colloquium Series

University of Rochester, Biomedical Engineering Department

Metabolic determinants of acquiring and spreading antibiotic resistance genes

Allison Lopatkin is an Assistant Professor of Chemical Engineering, with secondary affiliations in Microbiology & Immunology and Biomedical Engineering, at University of Rochester. She earned degrees in Applied Mathematics from the University of Rochester (BS, 2013), Biomedical Engineering from Duke University (PhD, 2017, advisor Lingchong You), and completed postdoctoral training in Bioengineering at MIT (advised by Jim Collins).

The Lopatkin Lab is highly interdisciplinary, using Systems and Synthetic Biology techniques to understand and engineer stable microbial communities for various applications, with a focus on antibiotic resistance and horizontal gene transfer. Lopatkin's work has been recognized by various awards, including the NIH R35 Maximizing Investigator's Research Award, Pew Biomedical Scholars, and the Edward Malinckrodt Jr. Foundation.

Tuesday, November 19th, 2024

8:30 AM - Goergen 101

Zoom Webinar ID: 957 4592 2834

Passcode: BME@UR

Zoom Webinar Link: https://rochester.zoom.us/s/95745922834