



**Ashlee Earl, MD, PhD**

Research Scientist, Senior Group Leader,  
Institute Scientist

Broad Institute of MIT and Harvard

*Microbiome Analyses and AMR*

Ashlee Earl founded and directs the Bacterial Genomics Group at the Broad Institute of MIT and Harvard, where she is an Institute Scientist. Within the Broad's Genomic Center for Infectious Diseases and Infectious Disease and Microbiome Program, she's working to understand the relationship between microbes and human health, including how multidrug-resistant pathogens emerge and spread. Earl coordinated much of the Broad's research in the Human Microbiome Project and now leads a team of computational scientists to develop and deploy "omics" analytical approaches to dissect bacterial and host contributions to infectious diseases. She has organized and led collaborations with world-leading experts to bring these approaches to the study of tuberculosis, urinary tract infections, and hospital-acquired infections.