



DEBORAH HUNG is trained as a physician, chemist, and geneticist, and she joined the Broad Institute as a core member and Harvard Medical School as a faculty member in 2006.

Hung combines chemical and genomic approaches to define host-pathogen interactions and to reveal essential *in vivo* gene

functions of pathogens that may be potential therapeutic targets for anti-microbial development. In addition, by deploying small organic molecules on a genome-wide scale to both perturb and understand bacterial infection, she seeks to identify new therapeutic prospects for a variety of devastating pathogens, including *Vibrio cholerae*, *Pseudomonas aeruginosa*, and *Mycobacterium tuberculosis*.

Hung is an assistant professor in the Department of Molecular Biology at Massachusetts General Hospital and in the Department of Microbiology and Molecular Genetics at Harvard Medical School. She also holds positions as an infectious disease physician at Brigham and Women's Hospital and Massachusetts General Hospital and an attending critical care physician in the Medical Intensive Care Unit at Brigham and Women's Hospital.

In recognition of her discovery of a new kind of chemical inhibitor of *V. cholerae*, she was awarded the 2009 American Society for Microbiology Merck Irving S. Sigal Memorial Award. She is also a recipient of a Pew Scholars Award in the Biomedical Sciences and a Doris Duke Foundation Clinical Scientist Development Award. Hung serves on the Scientific Steering Committee of the New England Regional Center for Excellence in Biodefense and Emerging Infectious Diseases.

She received her A.B. from Harvard University, Ph.D. from Harvard University, and M.D. from Harvard Medical School. She completed a residency in internal medicine and fellowships in infectious disease and critical care medicine at Brigham and Women's Hospital and Massachusetts General Hospital.

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