



## **Yonatan Grad, PhD**

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*Antibiotic Resistance in Neisseria gonorrhoeae*

Yonatan Grad is the Melvin J. and Geraldine L. Glimcher Associate Professor in the Department of Immunology and Infectious Diseases at the Harvard TH Chan School of Public Health, and a member of the Division of Infectious Diseases at Brigham and Women's Hospital. The Grad laboratory uses interdisciplinary methods—including molecular microbiology, pathogen genomics, and mathematical modeling—to study how pathogens evolve and spread through populations, with the motivation of improving clinical and public health strategies to decrease the burden of disease. A major theme of the lab's work is antimicrobial resistance, with a particular focus on *Neisseria gonorrhoeae*, the causative agent of the sexually transmitted disease gonorrhea.