From molecular mechanisms to policy for two pathogens: SARS-CoV-2 and antibiotic resistant N. gonorrhoeae.

PRESENTED BY

COLLEGE OF PUBLIC HEALTH DEPARTMENT OF EPIDEMIOLOGY

Yonatan Grad, MD, PhD

Melvin J. and Geraldine L. Glimcher Associate Professor of Immunology and Infectious Diseases Harvard Chan School of Public Health

WHEN & WHERE

DATE & TIME
WEDNESDAY, NOVEMBER 30, 2022
12 PM

SPEAKER WILL PRESENT IN MAURER CENTER FOR PUBLIC HEALTH AUDITORIUM ROOM 3013

PRESENTATION ZOOM INFORMATION:
 https://unmc.zoom.us/j/99852623453?pwd=dTgwMnMyZnpoTE1jbkYxek9STW92QT09

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 faculty in the Division of Infectious Diseases at Brigham and Women's Hospital. He earned his MD and PhD at Harvard Medical School and trained clinically in internal medicine and infectious diseases. The Grad lab focuses on how to prepare and respond to infectious disease threats through understanding interacting processes from microbial evolution through human ecology. The lab uses interdisciplinary methods, including microbial genetics, population genomics, and mathematical modeling to move across these scales, with the goal of advancing clinical and public health practices.

Objectives:
1. Describe how viral kinetics can help inform policy for COVID-19.
2. Describe the impact of immune history and variant on SARS-CoV-2 within-host dynamics.
3. Describe strategies for how Neisseira gonorrhoeae can be used as a roadmap for addressing AMR.

University of Nebraska Medical Center