



University of California Presidential Chair  
Distinguished Colloquium Series

# The State of the World's Antibiotics in 2022

MONDAY 4 APRIL 2022

12:00 PM (PACIFIC TIME ZONE)

## ABSTRACT OF THE PRESENTATION

Antibiotics are losing effectiveness worldwide as a consequence of selection pressure imposed by the massive use of antibiotics and rapid spread of resistant pathogens. The hidden epidemic of antibiotic resistance kills more people than HIV/AIDS or malaria but has received far less attention than other diseases. This talk covers the current state of the world's antibiotics, drivers of resistance, and feasible interventions to combat antibiotic resistance. See: [R. Laxminarayan, 2022. \*The overlooked pandemic of antimicrobial resistance. The Lancet\*, \[https://doi.org/10.1016/S0140-6736\\(22\\)00087-3\]\(https://doi.org/10.1016/S0140-6736\(22\)00087-3\).](#)

SPEAKER: RAMANAN LAXIMINARAYAN



**BIOGRAPHY:** Laxminarayan is founder and director of the Center for Disease Dynamics, Economics & Policy (CDDEP) in Washington, D.C. and New Delhi, and a senior research scholar at Princeton University. He is an affiliate professor at the University of Washington and a visiting professor at the University of Strathclyde in Scotland. Laxminarayan chairs the board of GARD-P, a global product development partnership created by the World Health Organization, that aims to develop and deliver new treatments for bacterial infections. He is founder and board chair at *HealthCubed*, which works to improve access to healthcare and diagnostics worldwide.

Since 1995, Laxminarayan has worked to improve the understanding of antibiotic resistance as a problem of managing a shared global resource. His work encompasses extensive peer-reviewed research, public outreach, and direct engagement across Asia and Africa through the Global Antibiotic Resistance Partnership. Through his prolific research, active public outreach (including a TED talk that has been viewed over a million times) and sustained policy engagement, he has played a central role in bringing the issue of drug resistance to the attention of leaders and policymakers worldwide and to the United Nations General Assembly in September 2016.

During the Obama Administration, Laxminarayan served on the U.S. President's Council of Advisors on Science and Technology's antimicrobial resistance working group and was appointed a voting member of the U.S. Presidential Advisory Council on Combating Antimicrobial Resistance.

[ZOOM REGISTRATION LINK](#)