

CDC's Antibiotic Resistance (AR) Solutions Initiative

COMBATING THE GLOBAL THREAT JEOPARDIZING MODERN MEDICINE

**\$160
MILLION
to:**

- Tackle the threat of antibiotic resistance (when bacteria no longer respond to the drugs designed to kill them)
- Transform how CDC and public health partners address and slow resistance at all levels with an ambitious approach
- Empower the nation to respond comprehensively, efficiently, and effectively

Detect & Respond

AR Lab Network
for nationwide detection of new & known threats

Whole genome sequencing
to fight resistance in food-related infections

Robust systems
to track resistance, antibiotic use, infections in the community & healthcare

50-state lab capacity
to track and stop the nightmare bacteria, CRE

Prevent

Expanded overseas tuberculosis screenings

Education, prevention
for antibiotic stewardship, sepsis prevention

State prevention programs
to drive adoption of the coordinated approach

Rapid gonorrhea detection, tracking, and treatment

Innovate

Discover new ways to protect patients
from resistant infections

New ways to ensure successful tuberculosis treatment

AR Isolate Bank
to support new drug and diagnostic development

Microbiome research
to unlock mysteries of the gut-drug relationship

State Programs to Fight Antibiotic Resistance in:

- Healthcare facilities
- Community infections, like drug-resistant gonorrhea
- Foodborne infections

For more information, visit
www.cdc.gov/drugresistance

**+\$40
MILLION**

Increased funding for FY17 will ensure the nation's ability to stand up a full response faster, protecting Americans and today's antibiotics from resistant germs sooner.