CDC’s Antibiotic Resistance (AR) Solutions Initiative

COMBATING THE GLOBAL THREAT OF UNTREATABLE INFECTIONS

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

Detect & Respond

AR Lab Network for nationwide detection of new & known threats, like CRE
Whole genome sequencing to fight resistance, such as food-related infections
Robust systems to track resistance, antibiotic use, infections in the community & healthcare
Contain spread of novel resistance threats in community and healthcare

Empowered networks for prevention across healthcare and communities
Education, prevention for improving antibiotic use and preventing sepsis
Expanded overseas tuberculosis screenings
Rapid gonorrhea detection, tracking, and treatment

Prevent

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 of the gut-drug relationship to better prevent infections

Innovate

CDC is investing in every state to combat AR in:
- Healthcare-associated infections
- Community infections, like drug-resistant gonorrhea
- Foodborne infections

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

How does CDC help combat AR near you?
See the AR Investment Map: www.cdc.gov/ARInvestments