

# Why does global health R&D matter?

Research and development (R&D) for new health technologies is vital to conquering the major disease threats of our times and building a safer, healthier world for all.

Despite tremendous progress in global health, millions of people still suffer or die each year because we don't have the right tools to combat many long-standing health challenges.

And new health threats are emerging at a rapid pace that threaten lives and economies both at home and abroad.

**6.7**  
MILLION

**die each year** from HIV/AIDS, malaria, tuberculosis (TB), and other poverty-related and neglected diseases.

**354**  
MILLION

productive **life years are lost** annually from poverty-related and neglected diseases.

**1** OUT OF **12**

children in sub-Saharan Africa **dies before their 5<sup>th</sup> birthday.**

**3x**

**increase** in annual disease outbreaks since 1980.

**23k**

**Americans die annually** from drug-resistant infections.

**3**

BILLION

**spent by US government** combatting the 2014 Ebola outbreak.

**To continue to make progress against both long-standing and emerging global health threats, new drugs, vaccines, diagnostics, and other tools are urgently needed.**

Unfortunately, diseases that strike the world's poorest places offer insufficient commercial incentive to spur private-sector-led research. US government investment is critical to jumpstarting the research process and moving products along the path from promising discovery to lifesaving technology.

**New technologies** have proven their ability to cure and even eradicate diseases. Through sustainable investment in global health R&D, we can make the elimination of TB, AIDS, malaria, and other diseases possible and protect the world—including Americans—from emerging disease threats.

And by **creating tools** that make people healthier, we can unlock opportunity for millions of people around the world, helping individuals, communities, and nations thrive.

advancing **innovation** to save lives

## HIV/AIDS



**2.1 million**

people become newly infected with **HIV** annually

## MATERNAL HEALTH



**14x**

**greater maternal mortality** in under-resourced regions than in developed countries

## MALARIA



**1/2 the global population**

remains at risk of **malaria**, with drug resistance growing

## CHILD HEALTH



**6.3 million**

children **under the age of five** die each year

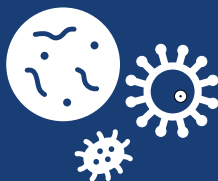
## TB



**1.4 million**

people die annually from **TB**, with drug resistance growing

## NTDs



**1 billion+**

people in **149 countries** worldwide remain affected by neglected tropical diseases (**NTDs**)