

CARB-X

Combating Antibiotic Resistant Bacteria

WINNING THE FIGHT AGAINST SUPERBUGS

A global approach

CARB-X accelerates the development of antibiotics, vaccines, diagnostics, and other life-saving products to protect against serious drug-resistant bacterial infections and promote global health security.



GLOBAL REACH

\$91M in awards to antibacterial product developers in **7** countries as of July 31, 2018, plus additional funding if R&D project milestones are met.



INNOVATIVE PIPELINE

Growing pipeline of **33** R&D projects including **10** new classes of antibiotics, plus novel targets, non-traditional therapeutics and **5** rapid diagnostics.



ADVANCING PRODUCTS

5 CARB-X projects have achieved Phase 1 or beyond. **6** projects achieved milestone progressions in 2017-2018.



LEVERAGING PRIVATE FUNDS

Companies in CARB-X's portfolio have raised **\$9** in private funds for every **\$1** invested by CARB-X.



2018 FUNDING

Two funding rounds: **1)** new classes of direct-acting small and large molecule antibacterials targeting the most challenging Gram-negative bacteria (March), **2)** broad call for therapeutics, vaccines, diagnostics and devices (June).



WORLD-RENOWNED EXPERTS

CARB-X's Advisory Board reviews and selects the best science to recommend for funding.



HIGH SCIENTIFIC STANDARDS

CARB-X delivers support and expertise to product developers through its world-class network of accelerators.



STEWARDSHIP & ACCESS

Each CARB-X-funded company is committed to antibiotic stewardship and access.

carb-x.org

Connecting the world in the fight against drug-resistant bacteria

Advantages of the CARB-X model:

- The world's largest early development antibacterial portfolio
- Entrepreneurial dynamic approach to accelerate urgently needed products with funding, business and technical expertise and regulatory assistance
- Focused on the most dangerous drug-resistant bacteria to save lives and improve health security
- Selects and supports the most promising early development research, advancing science and technology with the goal of accelerating the delivery of new products to patients
- Product developers gain access to expertise and global network

Trusted global partnership

- CARB-X is a non-profit public-private partnership dedicated to revitalizing the early development antibacterial pipeline.
- Funded by ASPR/BARDA, Wellcome Trust, the UK Government's Global Antimicrobial Resistance Innovation Fund (UK GAMRIF) and the Bill & Melinda Gates Foundation, with in-kind support from NIAID, CARB-X is investing more than \$500 million in 2016-2021 to accelerate the research and development of new antibiotics, rapid diagnostics, vaccines and other life-saving products.

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CARB-X supports early development of innovative antibiotics, diagnostics, vaccines, devices and other products to combat the most serious drug-resistant bacteria.

FUNDING PARTNERS



ALLIANCE PARTNERS

BILL & MELINDA GATES foundation

ACCELERATORS



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