

VACCINES VS TOTAL AMR R&D INVESTMENT

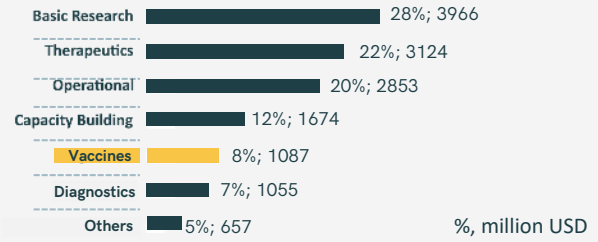
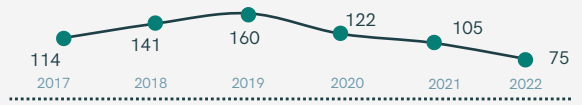
FUNDING

1087 million USD

8% of total funding

3 times less than Therapeutics

\$0.73 for every \$10 invested in AMR R&D



FUNDERS

91%

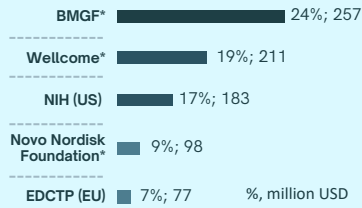
US 19%

EU 15%

UK 3%

Philanthropic organisations* 54%

76% of funding for AMR vaccines comes from top 5 funders



Funding Distributor Contributions**

Philanthropic*	30%; 33
US	51%; 55
DE	9%; 10
UK	7%; 7
Others	3%; 3

Country amounts exclude *Philanthropic organisations & private non-profits

**Includes contributions to global partnerships like CARB-X, GARDP & AMR Action Fund

INSTITUTION TYPES

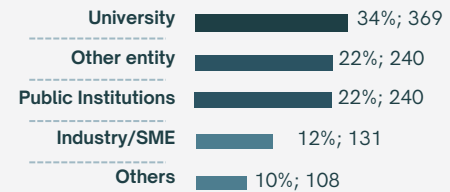
FUNDING

34% for universities

22% for public institutions

12% for SMEs

Almost 56% of funding goes to universities and public institutions; only 12% to SMEs



INFECTIOUS AGENTS & DISEASES

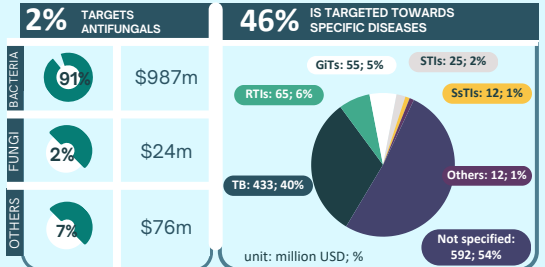
81%

44% Critical

20% High

17% Medium

81% of funding for AMR vaccines is targeted towards WHO bacterial priority pathogens



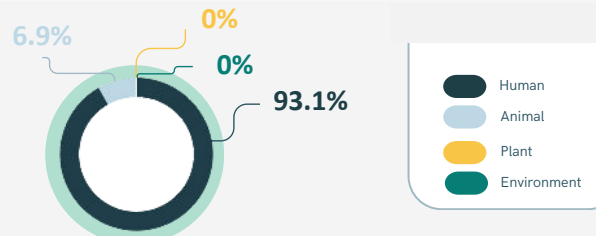
Others: Virus, Parasites, Not specified & not applicable pathogens

STIs: Sexually transmissible infections | SsTIs: Skin and soft tissue infections | GITs: Gastrointestinal tract infections | RTIs: Respiratory Tract Infections | TB: Tuberculosis

SECTORS

The majority of investments target human health

Cross-sectoral projects that span two or more sectors make up only 1% funding for AMR vaccines R&D



GAPS

OPPORTUNITIES

RECOMMENDATIONS

TARGET PRIORITY PATHOGENS

Increase support for R&D targeting priority pathogens of all types, including fungal pathogens

SET TARGETS

Establish targets for AMR R&D based on priority needs

FUNDING PARTNERSHIPS

Focus on developing funding partnerships to create diversity in funding streams

EVALUATION & ASSESSMENT

Further evaluation of the link between investment in AMR vaccines and impact on the pipeline of products is needed

R&D ALIGNMENT

Align R&D of therapeutics, diagnostics, and vaccines targeting the same pathogens and/or diseases

DEVELOPMENT

Increase support for development of vaccines across the full One Health spectrum

Want to know more?

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<https://globalamrhub.org/>

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