

NIAID Preclinical Services to Address Key Product Development Gaps

For more than 60 years, research from the National Institute of Allergy and Infectious Diseases has led to new therapies, vaccines, diagnostics, and other technologies that have improved the health of millions of people around the world. NIAID is one of the 27 Institutes and Centers of the U.S. National Institutes of Health.

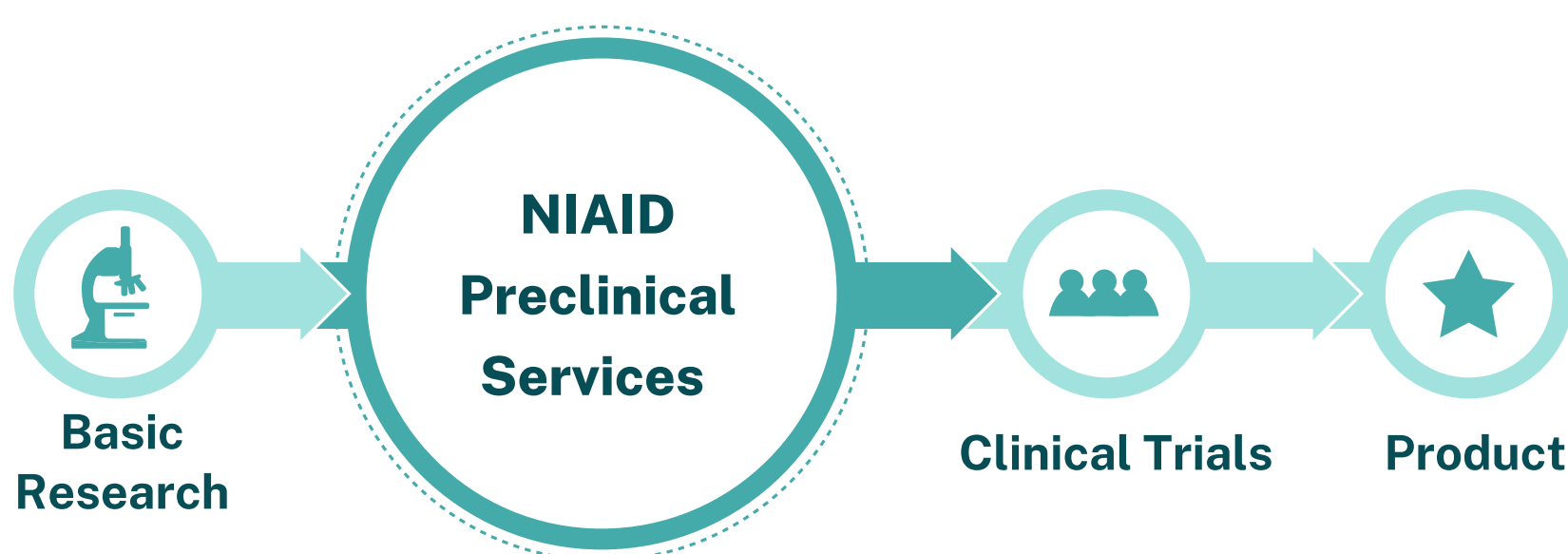
BENEFITS OF USING NIAID SERVICES

NIAID offers a comprehensive suite of resources and services that address gaps along the product development pathway. These services assist in the development of the next generation of vaccines, diagnostics and therapeutics for a broad array of bacterial, viral, fungal and parasitic pathogens. Eligible investigators worldwide can get access to expertise, research materials, and state-of-the-art technologies.



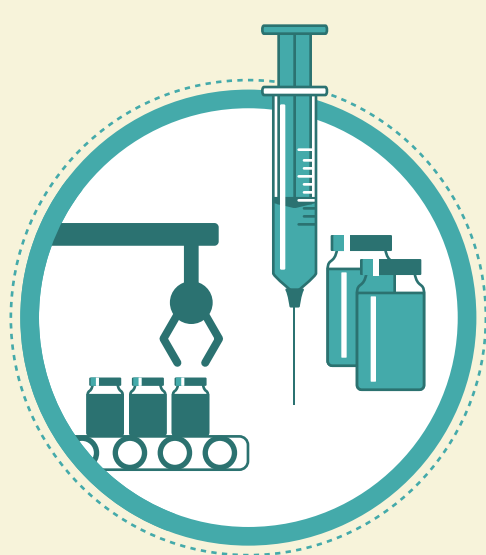
- Minimal or no charge
- Encouragement of scientists to develop products to reduce the burden of infectious diseases
- Offer expertise in product development
- Help move promising discoveries along the product development pathway
- Fill gaps in product development programs to reduce risk for developers
- Ensure confidentiality and maintain intellectual property of the product developer

PRODUCT DEVELOPMENT PATHWAY



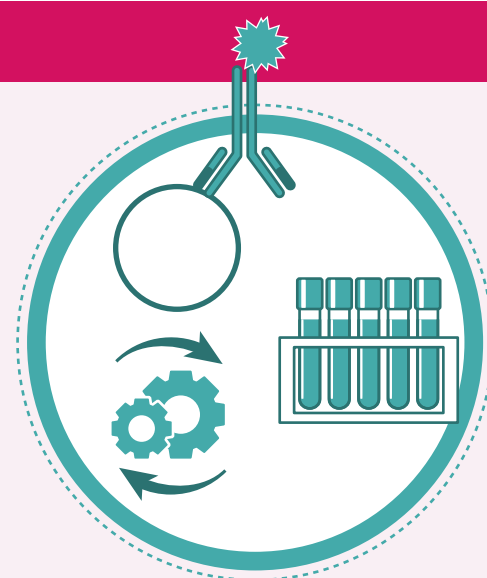
NIAID PRECLINICAL SERVICES

Vaccines & Other Biologics



- Evaluation and testing
- Manufacturing

Diagnostics



- Product development processes
- Assay development
- Sample preparation

Therapeutics

In vitro assessment of antimicrobial activity

Chemistry, ADME, *in vivo* PK, and toxicology

GMP drug substance and product manufacturing

Includes biopharmaceuticals



Preclinical Models of Infectious Diseases

Development and refinement of animal models

In vivo efficacy screening and testing of therapeutics and vaccines

Supplying model-derived reagents



WHO IS ELIGIBLE

Support services are available to the following applicants:

- Product developers from academia, non-profit organizations, industry, and government
- Domestic or foreign institutions
- Researchers with or without NIH funding

Our simplified request process is available year round. Support is determined based on priority, significance, innovation, preliminary data, value, and product development plan.



HOW TO GET SERVICES

Contact Us

Locate the appropriate Program Officer in the Division of Microbiology and Infectious Diseases to request access.



<https://go.nih.gov/fa6hHS9>

Learn More

Find more information about product development services at NIAID.



<https://go.nih.gov/XUwEKkN>