



NIAID Research Priorities



NIAID Scientific Review Program

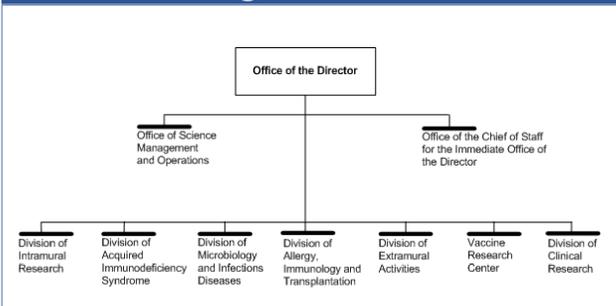
National Institute of Allergy and Infectious Diseases (NIAID)

NIAID has a unique mandate, which requires the Institute to respond to emerging public health threats

NIAID manages a complex and diverse research portfolio that aims to do the following:

1. Expand the breadth and depth of knowledge in all areas of infectious, immunologic, and allergic disease
2. Develop flexible domestic and international research capacities to respond appropriately to emerging and re-emerging disease threats at home and abroad

NIAID Organizational Chart



Division of Allergy, Immunology and Transplantation (DAIT)

Integrates basic science with relevant clinical specialties:

- Basic Immunology
- Allergic Disease
- Autoimmunity
- Transplant Immunology
- Biodefense
- Medical Countermeasures Against Radiological and Nuclear Threats

Vaccine Research Center

NIAID has three broad goals in vaccine research:

- Identifying new vaccine candidates to prevent diseases for which no vaccines currently exist
- Improving the safety and efficacy of existing vaccines
- Designing novel vaccine approaches such as new vectors and adjuvants

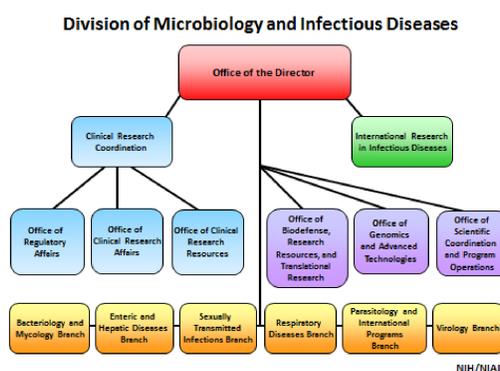
Division of AIDS (DAIDS)

The Institute supports and conducts studies in the following areas:



- Basic biology of HIV
- HIV infection and disease prevention
- Identification and eradication of viral reservoirs
- Effect of HIV on the body
- Treatment of HIV, relevant co-infections and related co-morbidities
- Consequences of living with HIV, including long-term use of antiretroviral therapy
- Impact of a compromised immune system on a person's long-term health

Division of Microbiology and Infectious Diseases (DMID)



- **Clinical Research Program:** DMID supports clinical research nationally and internationally on numerous pathogens and biodefense product development
- **Partnerships Program for Translational Research:** NIAID was assigned responsibility for research and development (R&D) of candidate products against NIAID Category A, B, or C priority pathogens

NIAID Funding Information

- **NIAID Funding Opportunity list:** <https://www.niaid.nih.gov/grants-contracts/opportunities>
- **NIAID Solicitations:** <https://www.niaid.nih.gov/grants-contracts/contract-solicitations>
- **Resources for Researchers:**
 - <https://www.niaid.nih.gov/research/microbiology-and-infectious-diseases-resources>
 - <https://www.niaid.nih.gov/about/daids>
- **Antibacterial Resistance Leadership Group:**
 - <http://arlg.org/>
- **Concepts: Potential Opportunities** <https://www.niaid.nih.gov/grants-contracts/potential-opportunities>
- **NIH research Portfolio Online Reporting Tools (RePorter):** <https://report.nih.gov/index.aspx>

Recent NIAID Initiatives focused exclusively or in part on antimicrobial resistance (FY17/18):

1. Partnerships for countermeasures against select pathogens
2. Partnership for the development of clinically useful diagnostics for antimicrobial-resistant bacteria
3. Development of medical countermeasures for biothreat agents, antimicrobial-resistant infections and emerging infectious diseases.
4. Partnership for the development of tools to advance therapeutic discovery for select antimicrobial-resistant gram-negative bacteria

Concept Paper for Program Officers

- Facilitate discussions with Program Officers
- Should include:
 - **Study Goals:** You want support from the Institute to do what type of research?
 - **Problem/Background:** Why does this topic need to be studied?
 - **Significance:** Why this is important to the field?
 - **Research Question:** What hypotheses will you test?
 - **Design/Analysis:** What study design and statistical approach do you propose?
 - **Team:** Who will be the key participants and collaborators?

Where does your research belong at NIAID?

- Search the NIAID web pages for the names of Program Officers who manages the funding areas that best match your research interests
- Before applying, remember to contact Program Officers early on to determine how well your research might fit into NIAID's scientific programs
- Provide a confidential Concept Paper (2-3 pages) describing your idea(s) and a brief Curriculum Vitae

Contact

Paul Amstad, PhD
 Scientific Review Program
 National Institute of Allergy and Infectious Diseases
 National Institutes of Health
 Rockville, MD (USA)
 pamstad@niaid.nih.gov
 240-669-5067