

Funding in Missouri

National Institute of Allergy and Infectious Diseases (NIAID)

National Institute of Allergy and Infectious Diseases (NIAID)

at the National Institutes of Health (NIH) is the primary funder of biomedical research and research training dedicated to understanding, diagnosing, treating, and preventing infectious diseases, immune disorders, and allergies including:

- antimicrobial resistant infections
- HIV/AIDS
- influenza and other vaccine preventable diseases
- tuberculosis
- malaria and emerging infectious diseases such as COVID-19
- mpox
- Ebola
- Zika

Because infectious diseases complicate many other diseases and interventions, such as cancer chemotherapy, organ transplantation, hip/knee replacements and other surgeries and other complex care, NIAID-funded research is essential to modern healthcare.

NIAID provides crucial support to recruit, train and retain the infectious disease (ID) physician-scientist workforce. To achieve these important objectives, NIAID provides research, training, and career development grants to scientists (including physician-scientists) to ensure there is a robust ID research workforce to address the diversity of ID conditions and outbreaks that threaten patients and public health. Many ID physicians and scientists receive these NIAID grants, including ID physicians and researchers in your state/district.

NIAID Funding

231

**Projects Funded
in Missouri**

\$123,017,119

**Total Project Funding
in Missouri**

5

**Congressional Districts
with Funded Projects**

(Districts 1, 2, 3, 5, and 7)

Funding Amount Per Institution

Amount	Projects	Institution
\$91,174,821	170	Washington University in St. Louis
\$19,868,095	30	University of Missouri-Columbia
\$4,411,595	13	Saint Louis University
\$17,503	4	MRIGlobal
\$1,594,977	3	Fimbrion Therapeutics, Inc.
\$1,591,366	3	Vaxnewmo, LLC

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Amount	Projects	Institution
\$1,282,860	2	Intact Genomics, Inc.
\$275,503	1	Antiger Therapeutics, Inc.
\$588,304	1	Children's Mercy - Kansas City
\$736,276	1	CryoCrate, LLC
\$300,000	1	Forward Defense, LLC
\$355,756	1	Missouri State University
\$823,063	1	University of Missouri - Kansas City

Key Projects in Missouri

Washington University in St. Louis

1. Novel VP30 – Host Interactions that Negatively Regulate Ebola Virus Infection
2. Determining and Overcoming Barriers in Translating HIV – 1 Protease Mediated Activation of the CARD8 Inflammasome to HIV Cure Research

University of Missouri-Columbia

1. Identifying Drug – Resistant Candida Species Using Super Selective Primer PCR
2. Center to Develop Innovative Therapeutics to Multidrug Resistant High – Threat Bacterial Agents

Rutgers New Jersey Medical School

1. The Warbug Effect and Host Immune Response in Tuberculosis

MRIGlobal

1. Task Area A: NIAID Preclinical Services for AMR Diagnostics Development

Children's Mercy - Kansas City

1. Systematic Characterization of Bioactive Molecules from the Human Microbiome

Forward Defense, LLC

1. Development of a Pre – Exposure Vaccine for Population – Level Protection Against Staphylococcus aureus Infection

Types of NIAID Funding Opportunities

1. **Research Grants – NIAID** (awarded to established scientists)
2. **Training and Career Development Grant Programs**
 - a. **Training Grants** (T Grants)
 - b. **Fellowship Grants** (F Grants)
 - c. **Research Career Development Awards** (K Grants)
 - d. **Loan Repayment Programs**
 - e. **Research Supplements** (for scientists from underrepresented groups)
3. **Research Project (R25 and R38)** – The NIAID Research Education Program (R25) and the Stimulating Access to Research in Residency (StARR) Program (R38) are grants available to support institutions in training participants to conduct biomedical research.