

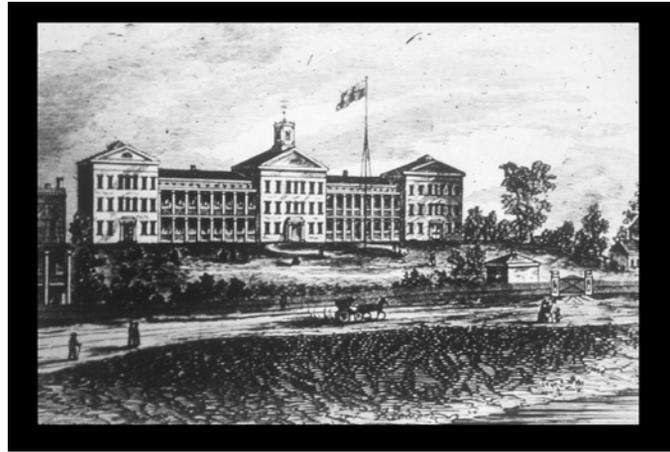
1st NIAID New Investigator Workshop

Welcome

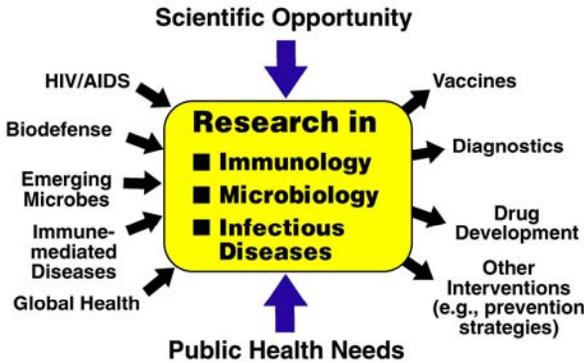
Anthony S. Fauci, M.D.
Director

National Institute of Allergy and Infectious Diseases

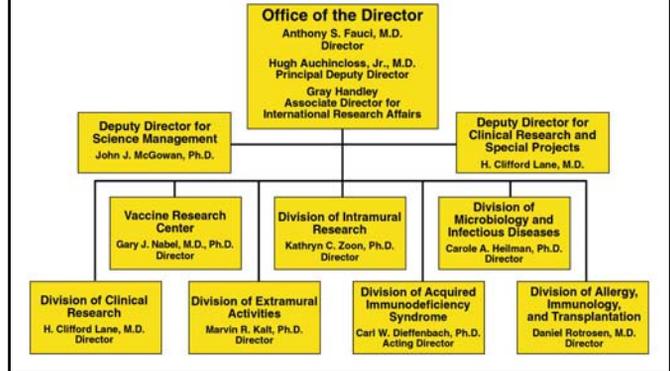
National Institutes of Health
October 15, 2007



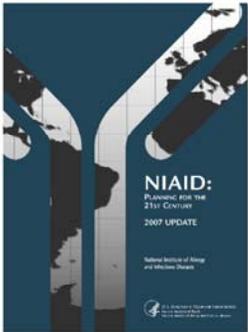
National Institute of Allergy and Infectious Diseases (NIAID) National Institutes of Health (NIH)



NIAID Organizational Structure



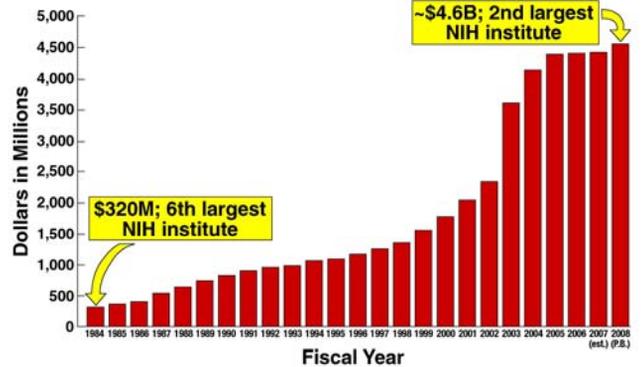
NIAID: Planning for the 21st Century 2007 Update



Four Major Themes:

- Infectious Diseases (non-AIDS) including Emerging and Re-emerging Diseases and Biodefense
- HIV/AIDS
- Allergy, Immunology, and Immune-Mediated Diseases
- Essential Foundations for the Future

NIAID Funding History, 1984-2008 (P.B.)



NIAID Research: A Dual Mandate

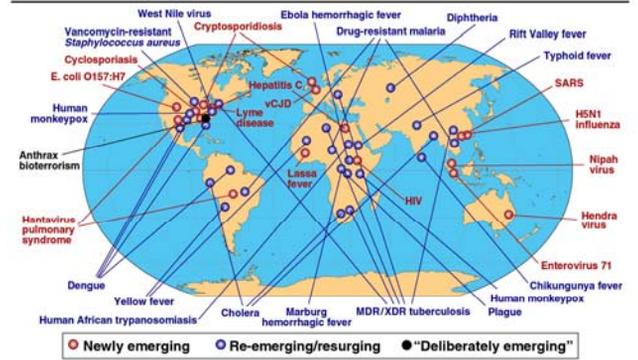
Maintain and "grow" a robust basic and applied research portfolio in microbiology, infectious diseases, immunology and immune-mediated diseases



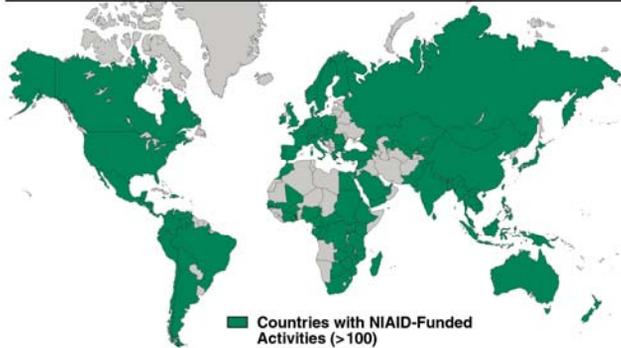
Respond rapidly to new and emerging disease threats

New/Improved Interventions

Global Examples of Emerging and Re-Emerging Infectious Diseases



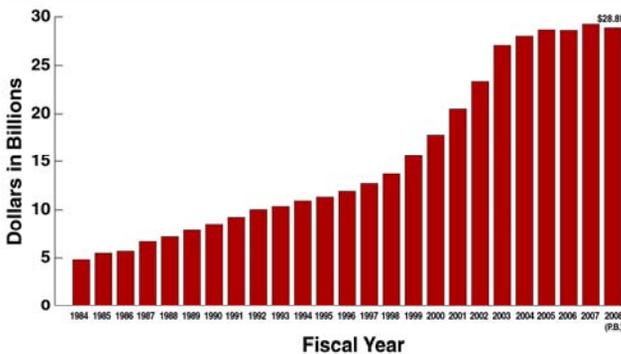
NIAID Projects Worldwide



Growing Burden of Immune-Mediated Diseases

- Many immune-mediated diseases appear to be growing in prevalence, awareness, societal burden – e.g. asthma, allergies, autoimmune diseases, end-stage organ failure requiring transplantation
- Many are diseases of children, or disproportionately affect minorities and the economically disadvantaged
- Many will grow in importance as the population ages
- Many unanswered questions remain with regard to the etiology and pathogenesis of immune-mediated diseases, as well as their diagnosis and treatment

NIH Funding History, 1984-2008 (P.B.)

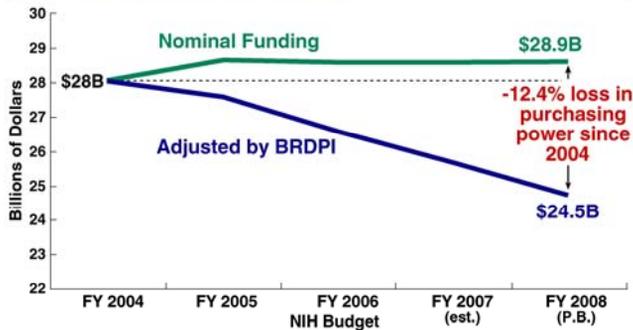


National Institutes of Health Budget Comparison by Institute/Center (Dollars in Thousands)

IC	FY 2007 Comparable	FY 2008 President's Budget	Percent Change
NIAID	\$4,382,038	\$4,592,482	4.8% (0.2)
NCI	4,791,208	4,782,114	-0.2%
NHLBI	2,918,808	2,925,413	0.2%
NHGRI	485,985	484,436	-0.3%
NIDA	999,422	1,000,365	0.1%
Other IC's	14,391,184	14,411,803	0.1%
Subtotal	\$27,968,645	\$28,196,613	0.8%
OD Total	478,650	517,062	8.0%
B&F	170,513	136,000	-20.2%
Total	\$28,617,808	\$28,849,675	0.8%

NIAID includes \$99M in FY 2007 for the Global Fund compared to \$300M in FY 2008. NIAID FY 2007 comparable adjustments include \$49.5M for transfer to ASPR for Adv. Prod. Dev. and \$18M for pandemic influenza funded by the Public Health and Social Services Emergency Fund. NIAID FY 2008 increase is \$9M after backing out contributions to the Global Fund.

A Flat NIH Budget: The Effect of Inflation on Purchasing Power



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Biomedical Research in an Era of Unlimited Aspirations and Limited Resources

Anthony S. Fauci

NIAID-Supported Nobel Prize Winners (Physiology or Medicine, except where noted)

2006 Roger D. Kornberg (C)	1980 Baruj Benacerraf
2004 Richard Axel Linda B. Buck	George D. Snell Jean Dausset
1993 Philip A. Sharp	1978 Hamilton O. Smith
1993 Kary B. Mullis (C)	1975 David Baltimore Renato Dulbecco
1990 E. Donnall Thomas Joseph E. Murray	1972 Gerald M. Edelman Rodney R. Porter
1987 Susumu Tonegawa	1970 Luis Leloir (C)
1982 Aaron Klug (C)	1969 Salvador Luria

NIAID-Supported Nobel Prize Winners (Physiology or Medicine, except where noted) (cont.)

1968 H. Gobind Khorana
1965 Jacques L. Monod
1962 James D. Watson
1960 Peter B. Medawar
1959 Arthur Kornberg
1958 Joshua Lederberg
1954 Thomas H. Weller
1954 Linus C. Pauling (C)

You Are Vital To NIAID

- You represent the best in biomedical science
- We want to help your career development by:
 - making you aware of challenges for New Investigators
 - helping you develop career-building skills
 - providing you with maximum access to NIH staff & resources

