



National Institute of Allergy and Infectious Diseases

e-ASIA 1st Scientific Advisory Council Meeting

NIAID's Interest in Infectious Disease & Immunology Research in East Asia and The Pacific

21 February 2014
Kuala Lumpur, Malaysia



NIAID



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
National Institutes of Health

David M. Morens, M.D.

Senior Advisor to the Director
Office of the Director

Courtesy of David M. Morens, NIAID, NIH



US NIH Ideas about e-ASIA Discussion Points

1. Redefining Fields of Cooperation

US NIH welcomes ideas on this subject. Our view is that the activities of e-ASIA should be driven by regional interest and opportunity. It makes sense to focus on fewer areas in the beginning, but we would not want to create barriers to potentially important research. We are interested in hearing the opinions of members. In discussions within US NIH, interest in e-ASIA has been expressed by scientists in our Infectious Disease Institute (NIAID), and in our Cancer Institute (NCI), the latter Institute being interested in cancers caused by infectious agents.

DISCUSS





US NIH Ideas about e-ASIA Discussion Points

2. Potential Partners for Collaboration

We do not have a view about individual countries that should participate, but would welcome all countries interested in e-ASIA and in the research subjects of our scientists.

While practically speaking it might not be desirable for a regional program to expand beyond the region, certainly the definition of the region for purposes of the program can be interpreted liberally to address important problems that cross boundaries.

DAVID





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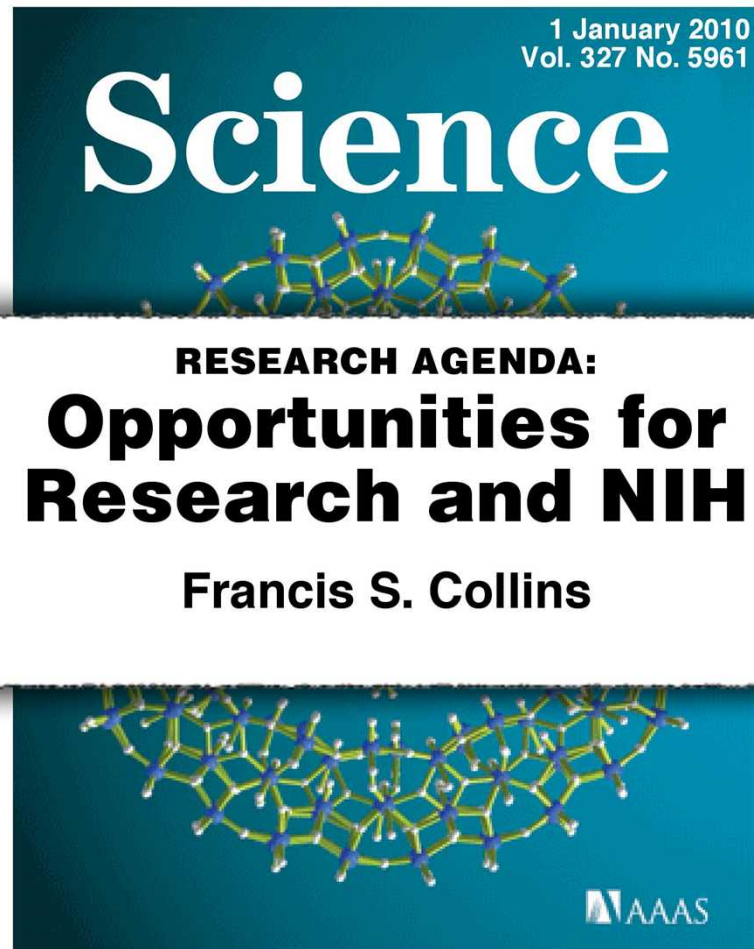
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NIH Research Priorities



- High-throughput technologies
- Translational medicine
- Benefiting health care reform
- Focusing more on global health
- Reinvigorating and empowering the biomedical research community

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Principles and Strategies for NIAID International Scientific Engagement



Principles:

- Highest scientific quality
- Highest ethical standards
- Shared interest and local relevance
- Mutual benefit in partnership

Strategies:

- Local leadership and community support
- Human and lab capacity investment
- Sustained commitment
- Work with other funding organizations

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Collaborative Global Health Research

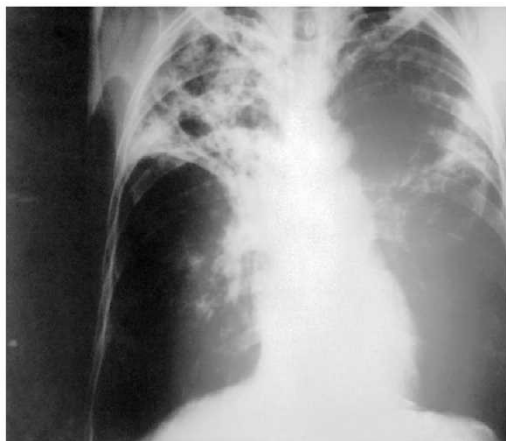


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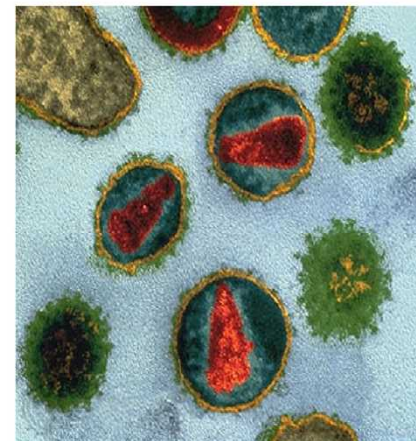
Key Areas of NIAID International Research



Tuberculosis



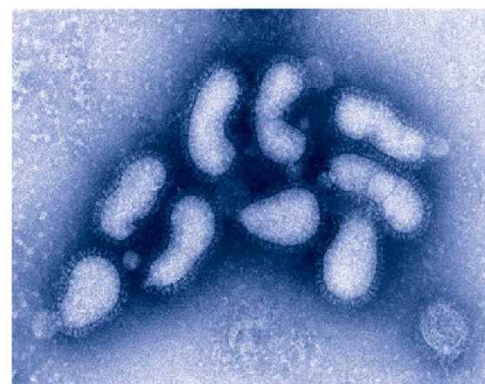
“Neglected” Tropical Diseases



HIV/AIDS



Malaria



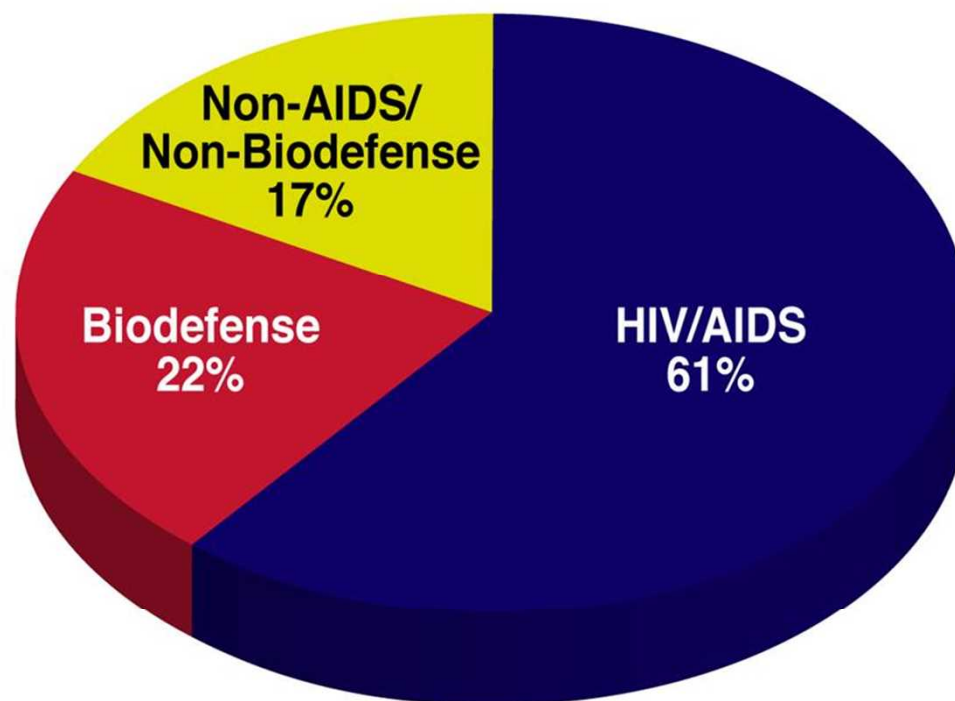
Influenza



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NIAID International Funding, FY 2012



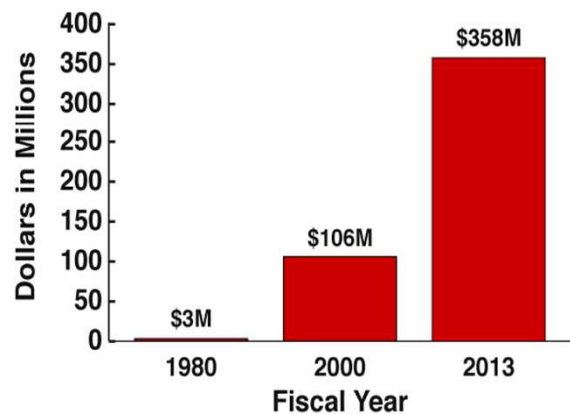
Total: \$365.3M

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NIAID Global Health Research

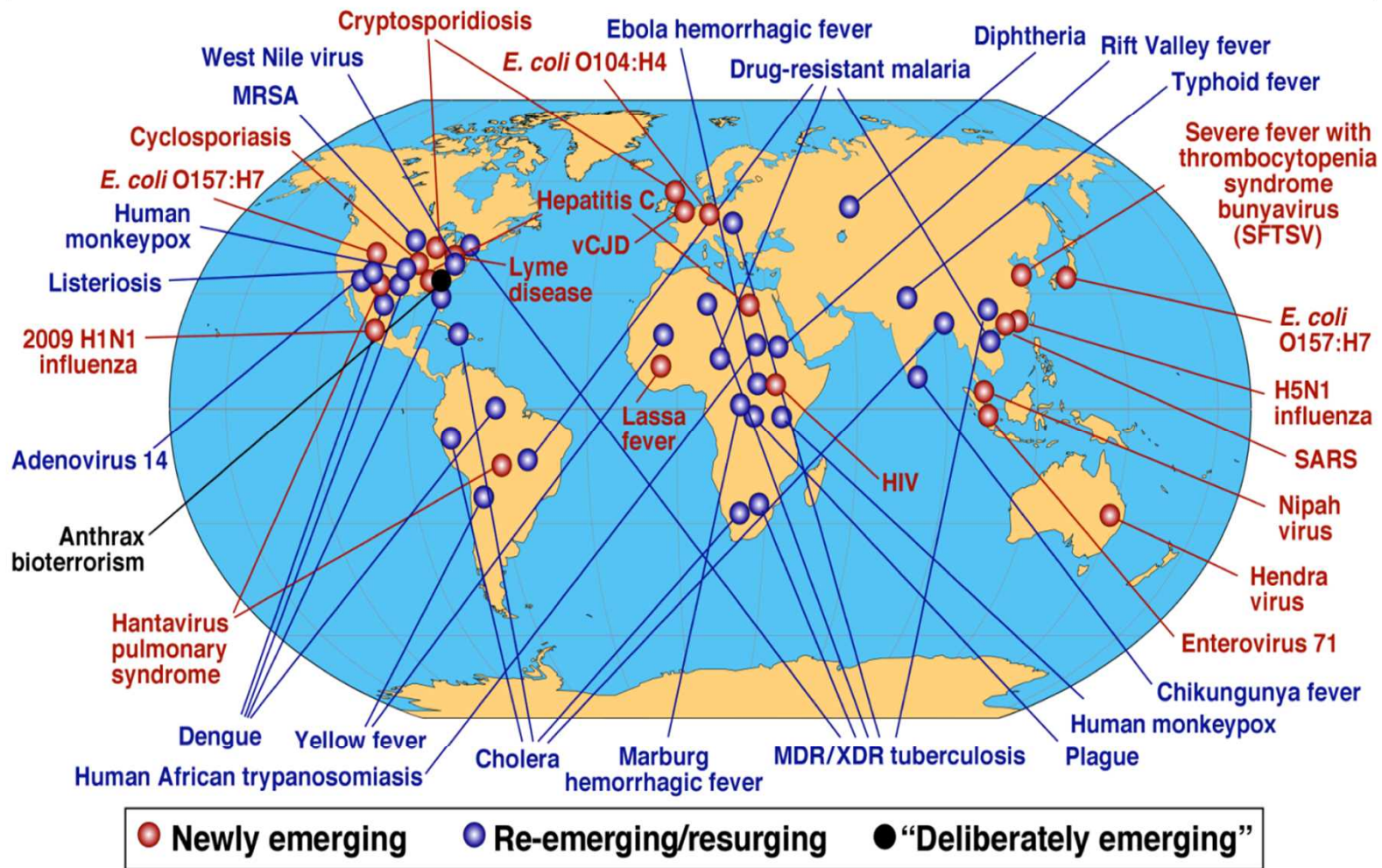
NIAID Funding for International Research, 1980-2013



 Countries with NIAID-funded Activities FY 2013 (n = 107)

Courtesy of David M. Morens, NIAID, NIH

Global Examples of Emerging and Re-Emerging Infectious Diseases



AS Fauci/NIAID

Courtesy of David M. Morens, NIAID, NIH



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NIAID 2011 Funding in East Asia and Pacific



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Australia	\$11.7M
Cambodia	\$933 K
China	\$6.94 M
Fiji	\$47.5 K
Hong Kong	\$2.11 M
Indonesia	\$8.18 M
Japan	\$313 K
Laos	\$668 K
Malaysia	\$65.3 K
Mongolia	\$683 K
New Zealand	\$409 K
Papua New Guinea	\$972 K
Philippines	\$792 K
Singapore	\$13.1 K
Solomon Islands	\$181 K
South Korea	\$1.24 M
Taiwan	\$1.39 M
Thailand	\$24.3 M
Vanuatu	\$123 K
Vietnam	\$4.74 M

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Overview of NIH's Collaborative Activities with Asian countries



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- Extramural funding
 - Domestic Awards with Foreign Subcomponent
 - Direct Foreign Awards
- Intramural collaborations
- Networks
- Joint programs
- Training and scientific exchange
- Conferences and workshops
- Resources available (e.g., reagents, assays, technical consultations)

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Example of Joint Programs and Networks – Asia & Pacific



Centers of Excellence for Influenza Research and Surveillance

- Various sites in Southeast Asia

International Centers of Excellence for Malaria Research

- Southeast Asia Malaria Research Center: China, Myanmar, Thailand

Southeast Asia Infectious Disease Clinical Research Network

- Indonesia, Singapore, Thailand, and Vietnam

U.S.-Japan Cooperative Medical Sciences Program

- Ministry of Education, Culture, Sports, Science and Technology (MEXT) of Japan
- Ministry of Foreign Affairs (MoFA) of Japan
- Ministry of Health, Labour, and Welfare (MHLW) of Japan

U.S.-Japan Framework Initiative for a Safe and Secure Society

- MEXT of Japan

U.S.-China Program for Biomedical Collaborative Research

- National Natural Science Foundation of China (NSFC)

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