

IAVI

Annual Report

2017



Dear Friends of IAVI,

We are pleased to present an overview of the progress IAVI and partners have made in 2017 toward our pursuit of the development of vaccines and other technologies to prevent HIV infection and AIDS. Even with significant advances in HIV treatment and prevention, a vaccine will be indispensable in bringing an ultimate end to AIDS.

In 2017, IAVI expanded its efforts to leverage broadly neutralizing antibodies for prevention and treatment. We also made progress in further developing immunogens that can help drive immune responses against the virus. Together with our partners in Africa and India we strengthened capacity for HIV prevention research, and continued our engagement with communities most affected by HIV/AIDS. In addition, IAVI expanded support for product development and clinical trials of promising preventive agents, in collaboration with academic and industry partners in Africa, Europe, and the U.S.

The global health research and development (R&D) landscape is evolving rapidly, and IAVI is well positioned to navigate these changes and continue to make important contributions to HIV prevention R&D. Recognizing that our scientific and product development capabilities have the ability to address other urgent unmet medical needs of vulnerable populations, IAVI is leveraging its capabilities to maximize public health impact. Bringing forward additional product development programs targeting these areas of medical need allows IAVI to further strengthen its efforts to build locally-led scientific and clinical enterprises, and to maintain the vitality of IAVI's clinical research center partners. Moreover, by pioneering new partnership models to advance innovation and improve access in low-income countries, we can also enhance our HIV vaccine programs.

In 2018, we have been advancing our R&D programs and applying our two decades of HIV expertise to improve research capacity and global health. In addition to launching human clinical trials of broadly neutralizing monoclonal antibodies, along with two clinical trials of rationally engineered vaccine candidates, we anticipate receiving funding for, and initiate work on, selected opportunities outside of HIV.

None of our achievements would be possible without support from our volunteers who participate in our research studies, donors, partners, researchers, clinicians, advocates, and community workers. Our partners' investment in HIV vaccine R&D is paving the way to our goal of an efficacious and globally accessible HIV vaccine.

Now is the time to redouble our efforts in the search for a vaccine as well as nearer term interventions that can help reduce the number of new HIV infections and AIDS deaths.

With very best regards,

A handwritten signature in blue ink that reads "Mark Feinberg". The signature is fluid and cursive, with a large, sweeping flourish at the end.

Mark Feinberg, M.D., Ph.D.
President and CEO

About IAVI

The International AIDS Vaccine Initiative (IAVI) is a nonprofit scientific organization whose mission is to develop vaccines and other biomedical innovations that prevent HIV infection. Since its founding in 1996, IAVI has provided scientific, research and development, and policy leadership to address the needs of communities and key populations at risk for HIV infection around the world. IAVI works with more than 100 academic, industry, government, civil society, clinical, and community partners in more than 25 countries. IAVI is committed to supporting the broad field of HIV vaccine research and to fostering collaborations that accelerate the development and availability of new prevention tools. In pursuit of our goals, we work to catalyze and support novel partnership models that engage partners from both the public and private sectors across the product development continuum.

IAVI's global reach, including its clinical research network in five countries in sub-Saharan Africa and in India, has allowed IAVI to make fundamental contributions to understanding of the epidemiology, transmission, natural history, virology, and immunology of HIV infection. This work played a key role in facilitating the structure-based design of promising HIV vaccine candidates as well as the discovery of "broadly neutralizing antibodies" that are now being advanced as promising approaches for HIV prevention. IAVI's integrated capabilities in vaccine discovery, development, and clinical research take advantage of biopharmaceutical industry expertise to accelerate the development and testing of novel HIV vaccine candidates.

In addition to its core HIV vaccine effort, IAVI is working to amplify its global health impact by working with partners to address other urgent unmet public health needs—such as vaccines for other infectious diseases—where our existing technologies, assets, and experience can add unique value.

IAVI's work

IAVI translates research into promising vaccine candidates. IAVI works to:

DISCOVER new approaches to developing vaccines and other means of preventing HIV

ACCELERATE discovery, translational and clinical research through laboratories in the U.S., India, Africa, and the U.K.

STRENGTHEN in-country vaccine research capacity through our network of clinical research partners in Africa.

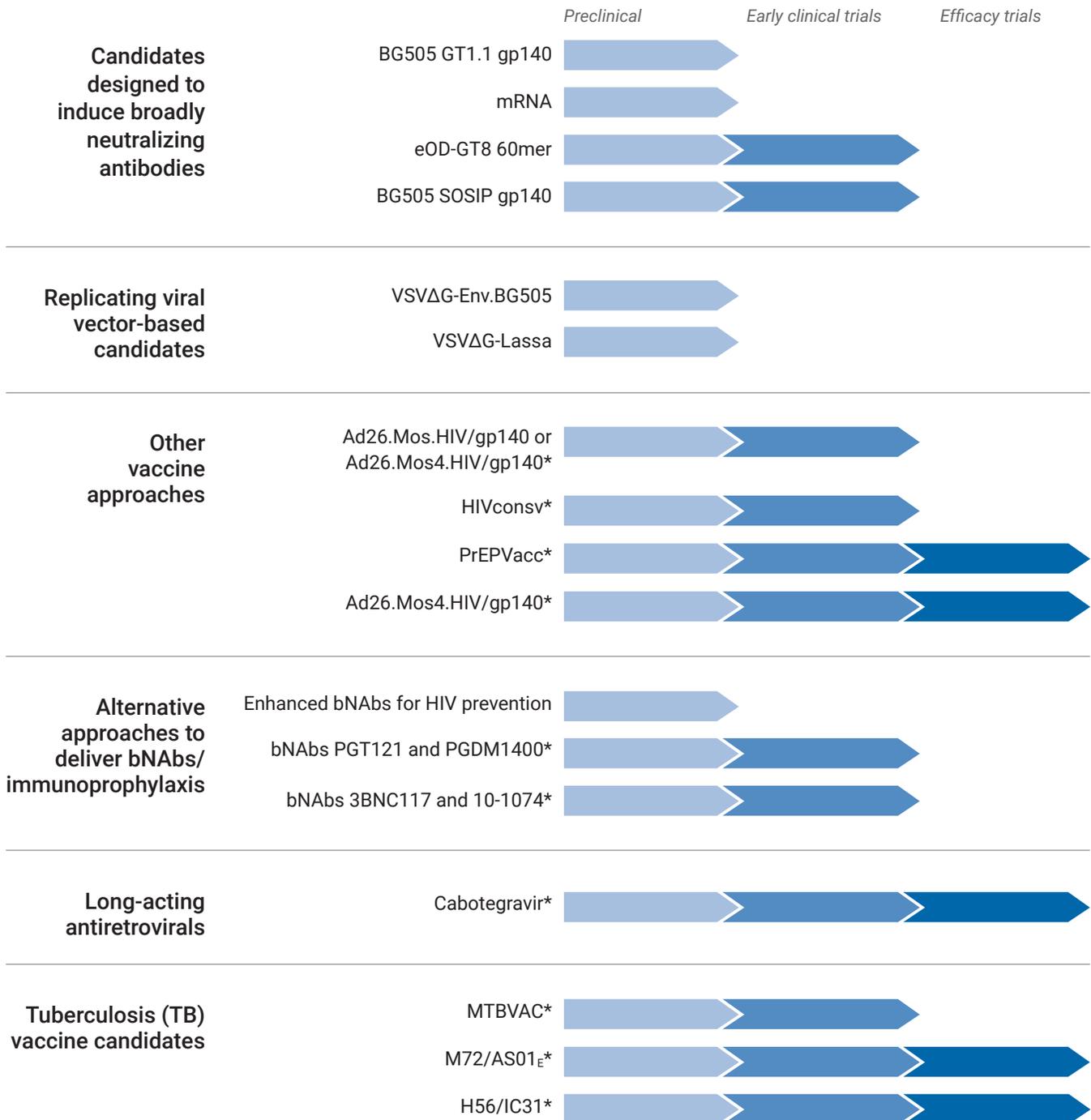
PARTNER with leading scientists in academia, government, and industry applying biopharma product development expertise to develop novel products tailored to the needs of at-risk populations.

SHARE IAVI's resources with other innovators to help the HIV community as a whole succeed.

EXTEND IAVI's core capabilities in HIV disease prevention to solving other global health challenges.

IAVI's 2018 pipeline*

IAVI focuses on developing, advancing, and testing HIV vaccine candidates and novel delivery systems that aim to induce durable, protective immune responses against a broad swath of HIV variants. In 2018, IAVI also expanded its focus to include developing and testing vaccine candidates against other global health priorities (Lassa fever and tuberculosis), as well as antibodies that could be used directly to prevent HIV infection. IAVI and its partners are currently supporting or conducting eight ongoing clinical trials, with several others scheduled to begin soon.



*Includes third party candidates under development where IAVI is providing translational and/or clinical development support.

IAVI's track record



Accelerate AIDS vaccine research with a pipeline of novel vaccine approaches with the development of new tools and technologies

31

HIV vaccine candidates advanced to clinical trials across 11 countries; with first ever Phase I trials in Kenya, Rwanda, Zambia, India and Germany

30

Epidemiology studies conducted that informed the design of HIV vaccine efficacy trials; improving future accessibility and acceptability of final product; with 27,000 volunteers enrolled in Africa

81

Potent and broad HIV neutralizing antibodies identified and used in research for vaccine design and other prevention and treatment modalities. Since 2009, 2,200 samples have been collected from people living with HIV, bringing new hope for a protective HIV vaccine

3

IAVI-sponsored replicating viral vector candidates advanced in novel portfolio toward clinical development

1 million

Vaccine and epidemiology samples stored in a data warehouse, maximizing scientific advances by sharing all of these materials, promising technologies and technical expertise.



Strengthen a new model of African scientific collaboration for AIDS vaccine Research and Development and future access

11

State-of-the-art partner network CRCs in Africa and India with 12 GCLP accredited laboratories capable of conducting clinical research at international standards

900+

Scientists in the developing world trained in Good Clinical Practices and Good Clinical Laboratory Practices to international standards for conducting clinical trials

90%

Overall retention rate of HIV vaccine trial participants with an average of 44% participation by females; bringing better gender balance to trial data for more accurate vaccine design

107

Community workers and health workers trained on integrating gender issues into HIV vaccine clinical research, based on IAVI's past experience and training manuals developed

10

Adolescent research fellowships supported by International Training Program

35

Advanced degree scientists supported by International Training Program; 8 PhD/27 MSc



Work in partnership for continued support for AIDS vaccine Research and Development

100+

Partners from academia, biotechnology, and pharmaceutical sector, as well as civil society and global health initiatives

25+

Governments, foundations and other donors; with work in 22 countries over 4 regions

20

Projects managed by the Vaccine Product Development Center since its establishment in 2013, as an integrated platform to advance promising concepts from bench to clinic; 15 external investigators supported to date

6

External vaccine candidates and related approaches supported by IAVI's Product Development Center in ongoing Phase I/II trials

15

Biotechnology partners engaged in HIV vaccine research and development through the Innovation Fund, yielding new technologies such as advanced screening tools, a manufacturing platform, and novel vaccine delivery



Benefits for communities

680,000+

People in Africa received counseling services and health care referrals for treatment and care

6

National and regional policies included HIV vaccine research, resulting in enhanced local ownership and an improved environment for research with at-risk populations

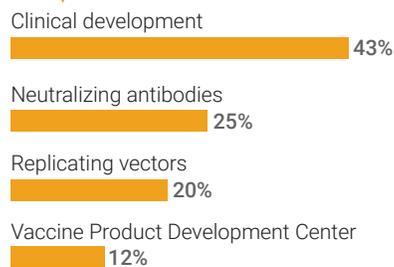
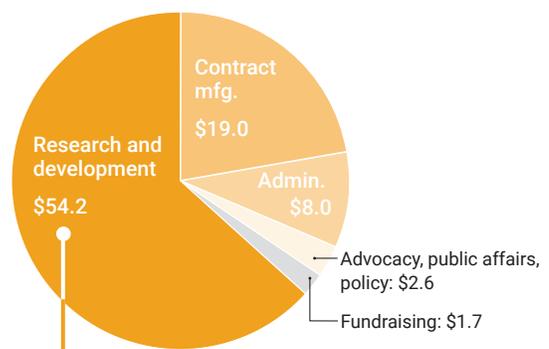
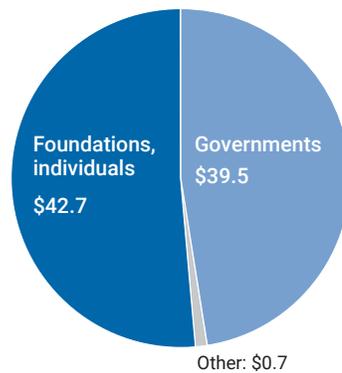
900

Volunteers enrolled in IAVI-sponsored HIV vaccine trials

2017 financials

All figures are in millions of U.S. dollars

	2016	2017
REVENUE		
<i>Grants and contributions</i>		
Governments	36.8	39.5
Foundations, individuals	33.4	42.7
Investment income and other	0.9	0.7
Total	71.1	82.9
EXPENSES		
<i>Programs</i>		
Research and development	52.0	54.2
Contract manufacturing-related activities	9.7	19.0
Vaccine advocacy, public affairs and policy	2.7	2.6
Administration	7.8	8.0
Fundraising	2.3	1.7
Total	74.5	85.5
ASSETS		
Cash and investments	59.9	55.1
Grants receivables	20.8	19.4
Fixed assets	9.2	7.6
Other	0.6	0.5
Total Assets	90.5	82.6
Liabilities	42.3	38.2
Net assets	48.2	44.4
Total liabilities and net assets	90.5	82.6



Board of Directors

Mark B. Feinberg, M.D., Ph.D.

President and CEO
International AIDS Vaccine Initiative

Robert Goldberg, M.A.

Chief Operating Officer
Barnard College

Eric Paul Goosby, M.D. (Chair)

Director
Center for Implementation Sciences
Global Health Sciences | UCSF

Adel A. F. Mahmoud, M.D., Ph.D.

Professor in Molecular Biology and Public Policy
Princeton University

Purnima Mane, Ph.D., M.A., M.Phil.

Former President and CEO
Pathfinder International

Francine Ntoumi, Ph.D., HDR, FRCP (Edin.)

Research Group Leader
Institute for Tropical Medicine
University of Tübingen
Founder, Chair and Executive Director
Fondation Congolaise pour la Recherche Médicale

Moncef Slaoui, Ph.D.

Chairman, Vaccines
GSK

Anne M. VanLent (Vice Chair)

President
AMV Advisors

Marijke Wijnroks

Chief of Staff
The Global Fund to Fight AIDS, Tuberculosis and Malaria

Donor acknowledgment

Thank you to all our generous donors, whose support makes possible the advancement of research and clinical trials toward a vaccine for AIDS.



IAVI gratefully acknowledges the generous support provided by the following major donors



USAID
FROM THE AMERICAN PEOPLE



PEPFAR
U.S. President's Emergency Plan for AIDS Relief

BILL & MELINDA GATES foundation



Funded by the European Union



THE WORLD BANK



CEPI | New vaccines for a safer world



JAPAN
Official Development Assistance



Ministry of Foreign Affairs of the Netherlands

DANIDA | MINISTRY OF FOREIGN AFFAIRS OF DENMARK
INTERNATIONAL DEVELOPMENT COOPERATION

Irish Aid
An Roinn Gnóthaí Eachtracha agus Trádála
Department of Foreign Affairs and Trade



सत्यमेव जयते
Ministry of Science & Technology
Government of India

amfAR, The Foundation for AIDS Research | Bill & Melinda Gates Foundation | The Buimerc Group | Broadway Cares/Equity Fights AIDS | The City of New York, Economic Development Corporation | Coalition for Epidemic Preparedness Innovations | European Union | Foundation for the National Institutes of Health | GlaxoSmithKline | Government of Japan | The Hearst Foundations | Irish Aid, Department of Foreign Affairs and Trade | Ministry of Foreign Affairs of Denmark | Ministry of Foreign Affairs of The Netherlands | Ministry of Science & Technology, Government of India | National Institute of Allergy and Infectious Diseases | Norwegian Ministry of Foreign Affairs | U.K. Department for International Development | The U.S. President's Emergency Plan for AIDS Relief through the U.S. Agency for International Development | The World Bank
And many other generous individuals and partners around the world

As of May 2018

iavi.org

GLOBAL HEADQUARTERS
125 Broad Street, New York, NY 10004
U.S.A.

