

International AIDS Society

“Towards an HIV Cure”:

Global Scientific Strategy

The IAS, with the support of the National Institutes of Health, the French Agence Nationale de Recherche sur le SIDA, the Austrian Federal Ministry of Science and Research, Sidaction, and the Treatment Action Group, organized a workshop on HIV Reservoirs in conjunction with the XVIII International AIDS Conference (AIDS 2010) in Vienna, Austria. Following the success of the workshop and in light of the resurgence of interest and optimism on prospects of a cure for HIV - either a sterilizing one or a functional one – the IAS has engaged in dialogue with a number of stakeholders in the field (researchers, activists, funders). With the support of its partners, the IAS is committed to seizing the momentum and demonstrating leadership in advocating for increased investment in HIV cure research and more concerted efforts to advance the science.

The IAS has decided to guide the development of a Global Scientific Strategy, “Towards an HIV Cure”, with the hope that it will contribute to the establishment of an international research alliance and/or expansion and global coordination of existing consortia towards an HIV cure. In line with the IAS strategy 2010-2014, the IAS Governing Council prioritized an HIV cure as one of its four key policy areas during its November 2010 retreat.

The foundation of this global scientific strategy will be consensus on the state of the art in HIV cure research by leading scientists in the field. The strategy will contribute to maximizing resources and strategic investment in the most promising strategies in search of a sterilizing or a functional cure.

The development of the strategy will involve a three-step approach:

Step 1 - An international researchers’ working group¹, comprised of basic scientists and clinicians, will develop the draft global scientific strategy in cooperation with a stakeholders’

¹ List of Members Annexed

advisory board². The international working group will be co-chaired by the IAS President-elect, Professor Françoise Barré-Sinoussi³, and Professor Steven Deeks from the University of California, San Francisco (UCSF). Doctor Jack Whitescarver, Director of the Office of AIDS Research at the National Institutes of Health, who played a pivotal role in the Vienna workshop “Towards a Cure”, will co-chair the advisory board together with IAS President-elect.

Step 2 - The draft strategy will be circulated widely to stakeholders involved in the HIV/AIDS response between late 2011 and early 2012 to solicit their input and perspectives. Consultations on the draft strategy will take place with scientists from various disciplines (HIV and non-HIV), patient organizations, industry, international organizations, and regulatory and research funding agencies. The consultations will be held through face-to-face meetings and online surveys, as well as key informant interviews.

Step 3 - The strategy, “Towards an HIV Cure”, will be presented at a scientific symposium organized in advance of AIDS 2012 in Washington, D.C. The symposium will be structured in line with the scientific priorities defined in the Global Scientific Strategy. At AIDS 2012, sessions will be organized to report on the highlights of the symposium.

Once the strategy is presented, the IAS intends to monitor its implementation by encouraging the creation of an international research alliance or expansion of existing consortiums that will work collaboratively and in an orchestrated manner on the concrete priorities defined in the strategic plan to accelerate scientific advancement in this field.

² List of Members Annexed

³ Biography Annexed

List of International Working Group Members

| | | |
|-------------|--------------------|--|
| Alain | Lafeuillade | General Hospital |
| Alan | Landay | Rush University Medical Center |
| Amalio | Telenti | University of Lausanne |
| Ann | Woolfrey | Fred Hutchinson Cancer Research Center |
| Ben | Berkhout | University of Amsterdam |
| Brigitte | Autran | Département of Immunology Federative Researchs Institute (IFR) Immunity, Cancer, Infection |
| Carine | Van Lint | University of Brussels (ULB) |
| Christine | Katlama | Pitié-Salpêtrière Hospital |
| Christine | Rouzioux | Université Paris Descartes / Hospital Necker |
| David | Margolis | University of North Carolina at Chapel Hill |
| Didier | Trono | EPFL |
| Eric | Verdin | University of California, San Francisco |
| Françoise | Barré- Sinoussi | Pasteur Institute |
| Frank | Maldarelli | NCI/NIH |
| Guido | Poli | San Raffaele University and Scientific Institute |
| Jean-Pierre | Routy | McGill University |
| Jim | Mullins | University of Washington |
| John | Mellors | University of Pittsburgh |
| John | Zaia | Beckman Research Institute of City of Hope |
| Mario | Stevenson | University of Miami Medical School |
| Martin | Markowitz | Aaron Diamond AIDS Research Center |
| Melissa | Churchill | Burnet Institute |
| Michael | Lederman | Case Western Reserve University |

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|----------|-----------|--|
| Monsef | Benkirane | Institute of Human Genetics |
| Nicolas | Chomont | VGTI-Florida |
| Santiago | Moreno | Hospital Ramón y Cajal |
| Sarah | Palmer | Karolinska Institute |
| Sharon | Lewin | The Alfred, Monash University and Burnet Institute |
| Steve | Deeks | University of California, San Francisco |
| Tae-Wook | Chun | NIAID/NIH |
| Una | O'Doherty | University of Pennsylvania |

List of Advisory Board Members

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|---------------|--------------|----------------------------|
| Bertrand | Audoin | International AIDS Society |
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| Jean-Francois | Delfraissy | ANRS |
| Mark | Harrington | TAG |
| Paola | de Carli | Sidaction |
| Paula | Munderi | UVRI/MRC Uganda |
| Rowena | Johnston | amfAR |
| Shirin | Heidari | International AIDS Society |
| Subhasree Sai | Raghavan | SAATHII |

Biography

Pr. Françoise BARRÉ-SINOUSSE, (France) *IAS President-Elect; Director of the Regulation of Retroviral Infections Unit at the Pasteur Institute, Paris*

Pr. Françoise Barré-Sinoussi is the Director of the Regulation of Retroviral Infections Unit at the Pasteur Institute in Paris. She has been involved in retrovirology research since the early 1970s. She is recognized for her contributions to HIV/AIDS research, in particular as the first author of the publication that reported the discovery of a retrovirus, later named HIV, in a patient at risk of AIDS in 1983. In June 2006, Françoise Barré-Sinoussi was elected as an IAS Governing Council member. In July 2012, she will become President of the International AIDS Society. Throughout her career, she has received more than 10 national or international awards, including the Nobel Prize for Medicine in 2008 together with Prof. Luc Montagnier for her contributions to HIV/AIDS.