NIAID: State of the Institute and Priorities in HIV Prevention

Anthony S. Fauci, M.D.
Director
National Institute of Allergy and Infectious Diseases
National Institutes of Health
June 18, 2014

Sylvia Mathews Burwell Replaces Kathleen Sebelius as HHS Secretary

Douglas Brooks Appointed Director of the White House Office of National AIDS Policy (ONAP)

Douglas M. Brooks, M.S.W.

Deborah Birx Named Ambassador at Large and U.S. Global AIDS Coordinator

Deborah L. Birx, M.D.

Glenda Gray Appointed New President of South African Medical Research Council

Glenda E. Gray, MBBCH

Budget Update

House Appropriations Committee, Subcommittee on Labor-HHS-Education
Chair: Rep. Jack Kingston (R-GA)
Ranking: Rep. Rosa DeLauro (D-CT)
March 26, 2014
Topic: Future of Biomedical Research
Dr. Francis Collins, Director, NIH
   Accompanied by
   Dr. Anthony S. Fauci, Director, NIAID
   Dr. Harold Varmus, Director, NCI
   Dr. Garry Gibbons, Director, NIDDK
   Dr. Story Landis, Director, NINDS

Senate Appropriations Committee, Subcommittee on Labor-HHS-Education
Chair: Sen. Tom Harkin (D-IA)
Ranking: Sen. Jerry Moran (R-KS)
April 2, 2014
Topic: FY 2015 NIH Budget Request
Dr. Francis Collins, Director, NIH
   Accompanied by
   Dr. Anthony S. Fauci, Director, NIAID
   Dr. Harold Varmus, Director, NCI
   Dr. Gary Gibbons, Director, NHLBI
   Dr. Story Landis, Director, NINDS
   Dr. Chris Austin, Director, NCATS

Office of AIDS Research Advisory Council (OARAC) Meeting, Nov. 14, 2014
Charge from NIH Director:
- Develop a “blueprint” that identifies HIV/AIDS research priorities over the next 3-5 years
- Focus areas
  Prevention
  Treatment
  Co-morbidities
  Cross-cutting areas
Dr. Francis S. Collins

OARAC HIV/AIDS Research Portfolio Review Working Group Members
- Charles Carpenter (Chair)
- Judith Auerbach (Exec Sec)
- Moises Agosto-Rosario
- Dawn Averitt
- John Bartlett
- James Curran
- Ralph DiClemente
- Wafaa El-Sadr
- Ashley Haase
- Sharon Hillier
- King Holmes
- Paul Volberding
- Rochelle Walensky
Key “Take-Aways” from OARAC Working Group Report

- Scientific Priorities
  - Prevention
  - Prevention and Care cascades
  - Co-morbidities
  - Behavioral and social science
  - Treatment
  - Cure research
  - Basic science
  - Implementation science

- Need for further evolution from traditional “silos” in HIV/AIDS research toward a more integrated approach

NIH News
National Institutes of Health

NIH Names Leadership, Research Units for Restructured HIV/AIDS Clinical Trials Networks

- FY 2014 funding: $275 million (est.)

NIAID HIV/AIDS Clinical Trials Networks Funding, FY 2007 – FY 2014

- Base funding

NIAID HIV/AIDS Clinical Trials Networks Funding, FY 2007 – FY 2014

- One-year supplements

HIV/AIDS: Much Accomplished, Much to Do

―The end of the HIV/AIDS pandemic is a feasible goal. However, there is still much to do... Now is not the time for a ‘victory lap’ but the time for racing ahead.‖

- Anthony S. Fauci, Gregory K. Folkers, Carl W. Dieffenbach

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**The New York Times**
March 3, 2013
In Medical First, a Baby With H.I.V. is Deemed Cured

**The Washington Post**
March 3, 2013
Baby Born with HIV is Apparently Cured with Aggressive Drug Treatment

**Los Angeles Times**
March 3, 2013
Child Born with HIV is 'Functionally Cured'

**USA TODAY**
March 4, 2013
Doctors Report First Cure of HIV in a Child

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**Absence of Detectable HIV-1 Viremia after Treatment Cessation in an Infant**
D Persaud, K Luzuriaga, et al.

- ART commenced 30 hrs after birth; child diagnosed as HIV infected
- ART discontinued at 18 months of age
- HIV and HIV antibodies undetectable through 30 months of age

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**IMPAACT Study P1115**
Very Early Intensive Treatment of HIV-Infected Infants to Achieve HIV Remission: A Proof-of-Concept Study

- **Launch**: June, 2014
- **Objective**: To assess HIV remission (and potential cure) among HIV-infected neonates who are born to high-risk mothers, and who will have ART started within 48 hours of birth
- **Sites**: domestic and international

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**AIDS-Free Generation**