



The UVRI and AAVP model

Building research capacity through
partnerships in synergy with EDCTP

(Dr. Pontiano Kaleebu)

Objective

- Present UVRI as a model with partnerships and collaborations aimed at building research capacity.
- EDCTP support to further strengthen this capacity
- AAVP partnerships and future plans

UVRI

- A Government Institution established in 1936
- Conducts studies through its different departments and through the International collaborations
- International collaborations include MRC-UVRI Research Unit, Rakai Health Sciences Program, CDC-Uganda and UVRI-IAVI Vaccine Program
- UVRI and partners more than 1000 staff



MRC/UVRI

- Established in 1988 after MOU with UK Government
- Has 400 staff
- Administrative offices, Entebbe
- Field stations: Entebbe, Kampala, Masaka and Jinja
- Major source of funding: MRC/DFID, NIH, Wellcome Trust, International AIDS Vaccine Initiative, Pharmaceuticals e.g Gilead, EDCTP, EU and CDC



MRC-UVRI

- More than 40 completed studies and trials including:
 - Phase I & II trials (microbicide, vaccine to start)
 - Intervention studies (e.g STI, microbicides)
 - ART delivery studies (Dart, Jinja trial)
 - Social science studies
- Basic science studies
 - Aimed at HIV vaccine research and development
 - Aimed at better ART delivery (HIV drug resistance)
- Training

UVRI-IAVI HIV Vaccine Program

IAVI Memorandum with GOU 2001



Renewed MOU October 2008

- Broader to continue collaboration on HIV Vaccine research and development including the conduct of epidemiological studies, social science research, trials etc

Vaccine Trials

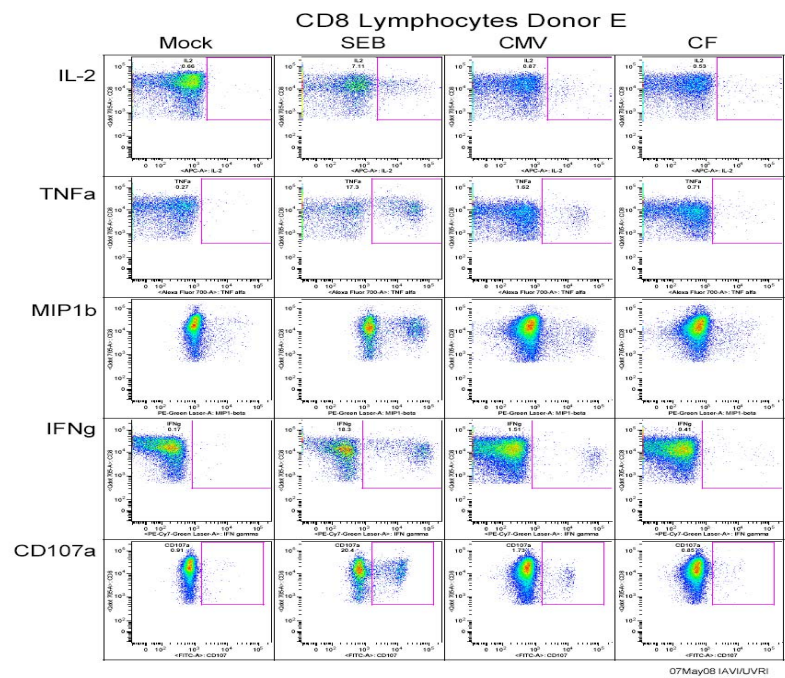
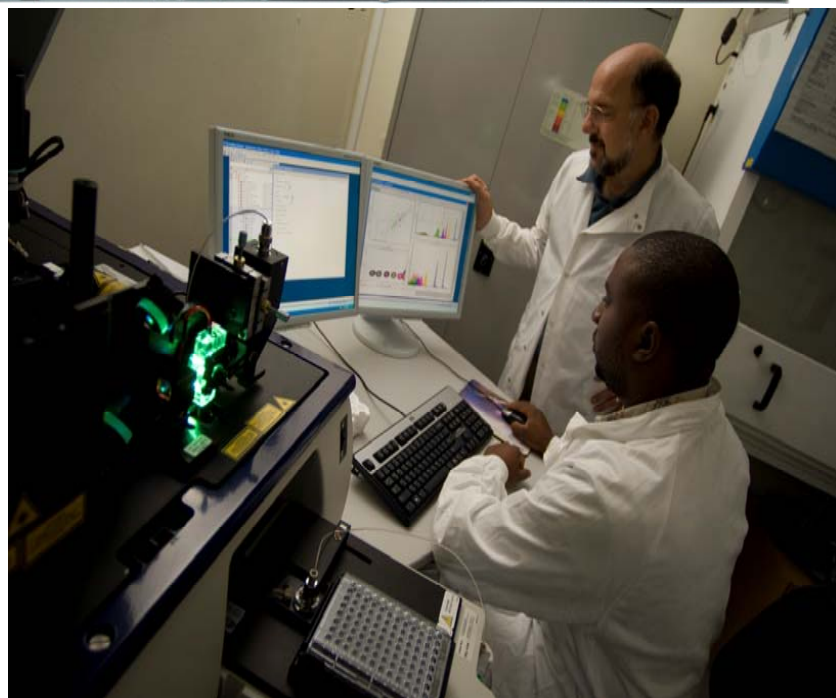
Phase I and II

DNA-MVA 2003-2005

AAV 2006-2007

Adeno 35 Planned for next year

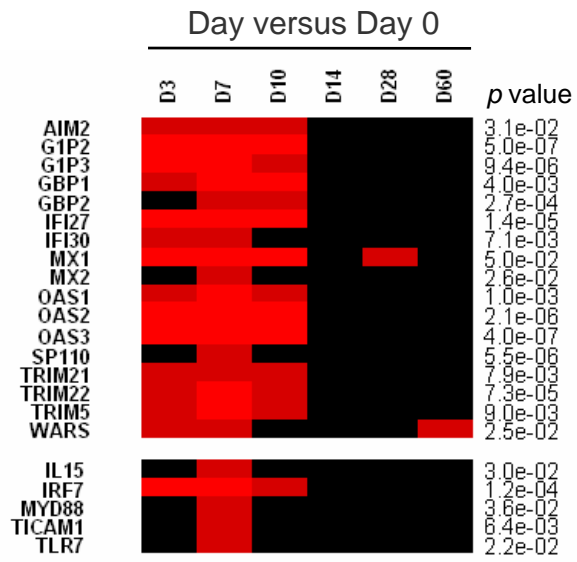




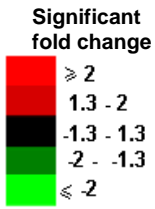
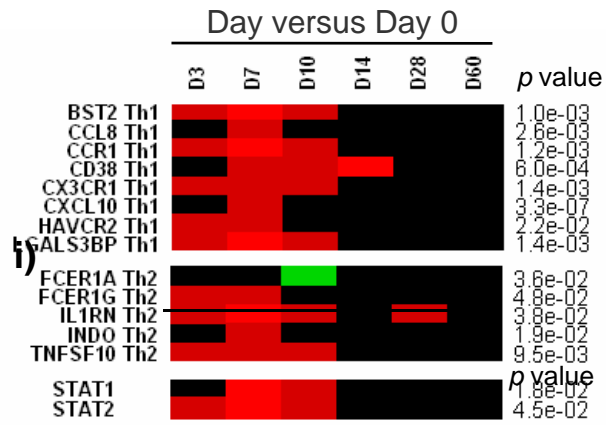
Yellow Fever Vaccine Trial

RNA microarray to detect genes that are switched on after infection or vaccination

d) Interferon - induced and TLR - associated genes



h) Th1/Th2 - associated genes



MRC/UVRI and IAVI/UVRI working together



Masaka clinic



UVRI clinic



Entebbe ICE clinic



Working together for prevention

Partnership with EDCTP

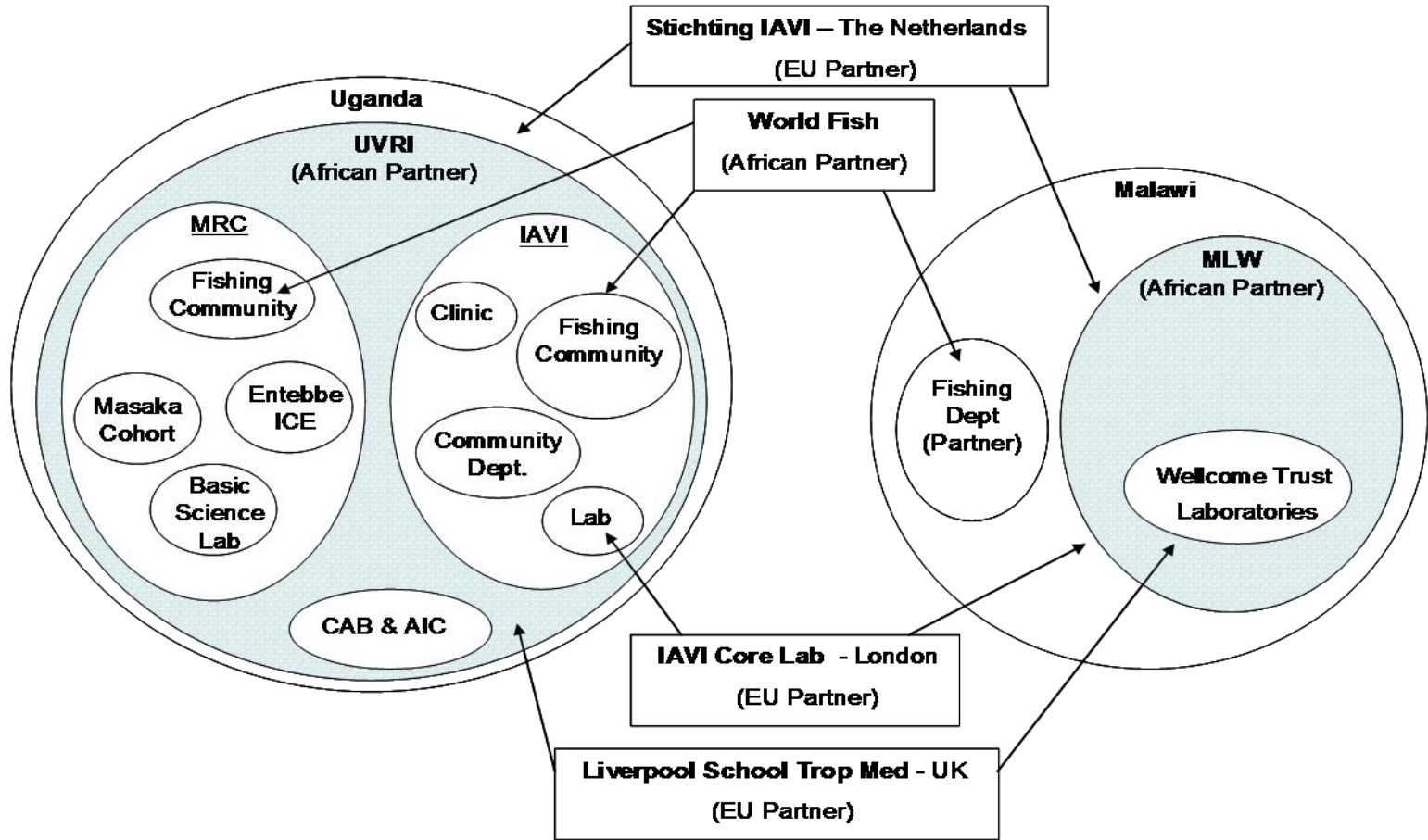


EDCTP Funded activities

- Microbicide trial capacity building (high risk women)
 - HIV vaccine trial capacity building (fisher folk)
 - 3 senior Fellowships
 - Studies around acute HIV infection
 - Dual/superinfection
 - Broadly neutralizing antibodies
 - Support to IRB
 - EA Networks of Excellence
-
- (8 abstracts at this Forum and 2 plenary speakers)

- **“Strengthening of long term clinical and laboratory research capacity, cohort development, and collection of epidemiological and social science baseline data in Uganda and Malawi, to prepare for future HIV vaccine trials”**

UVRI EDCTP Application

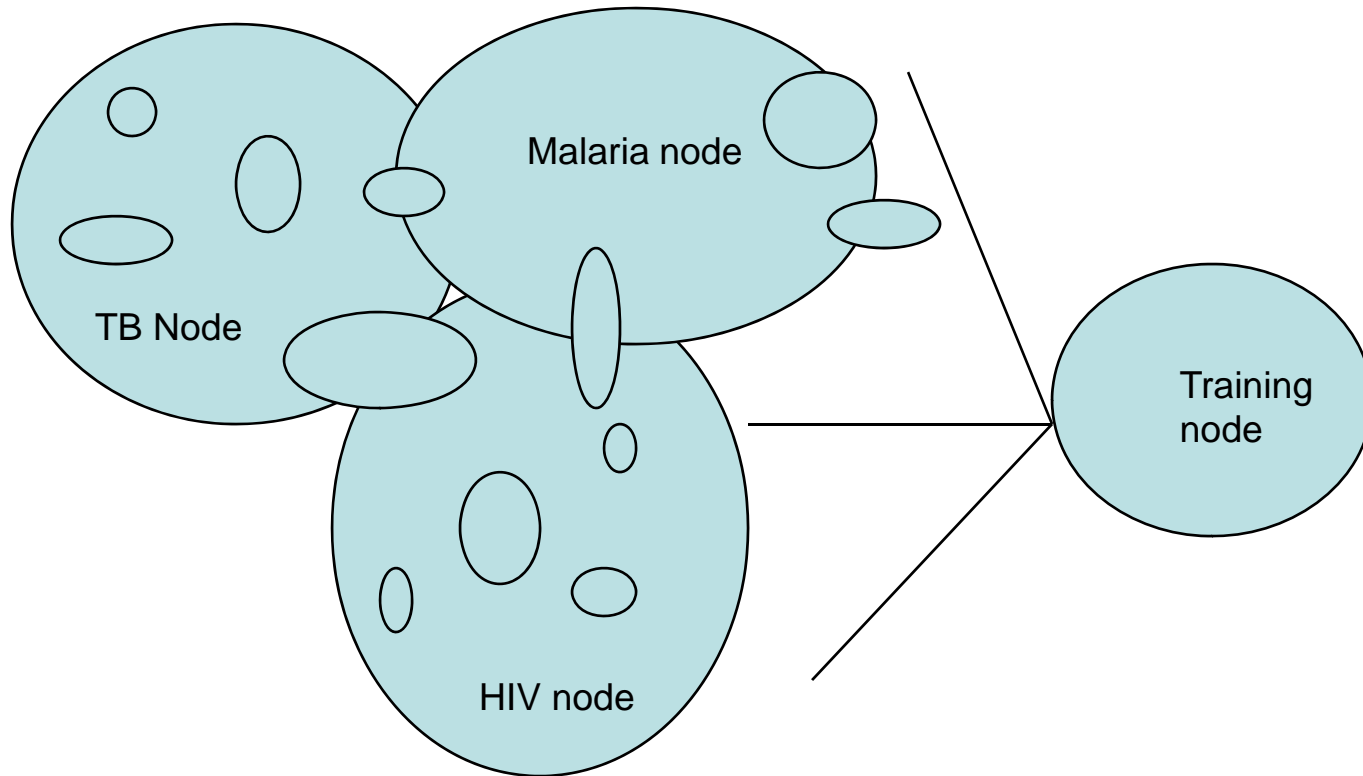




EDCTP
Funded

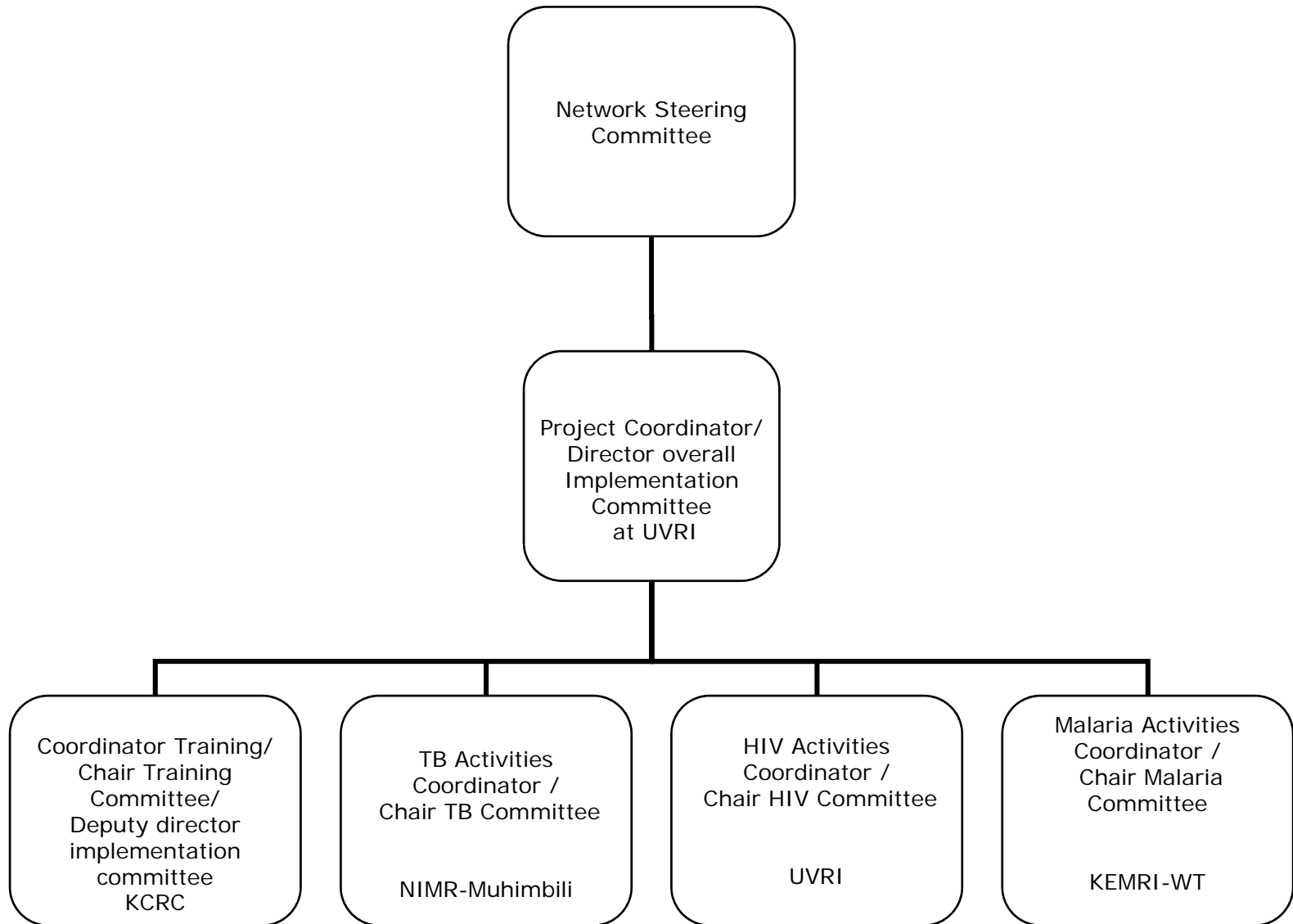


East African Consortium for Clinical Research (East African NoE)



28 Institutions in 5 countries in Africa,
others in Europe

Co-funding NACCAP, MRC-UK

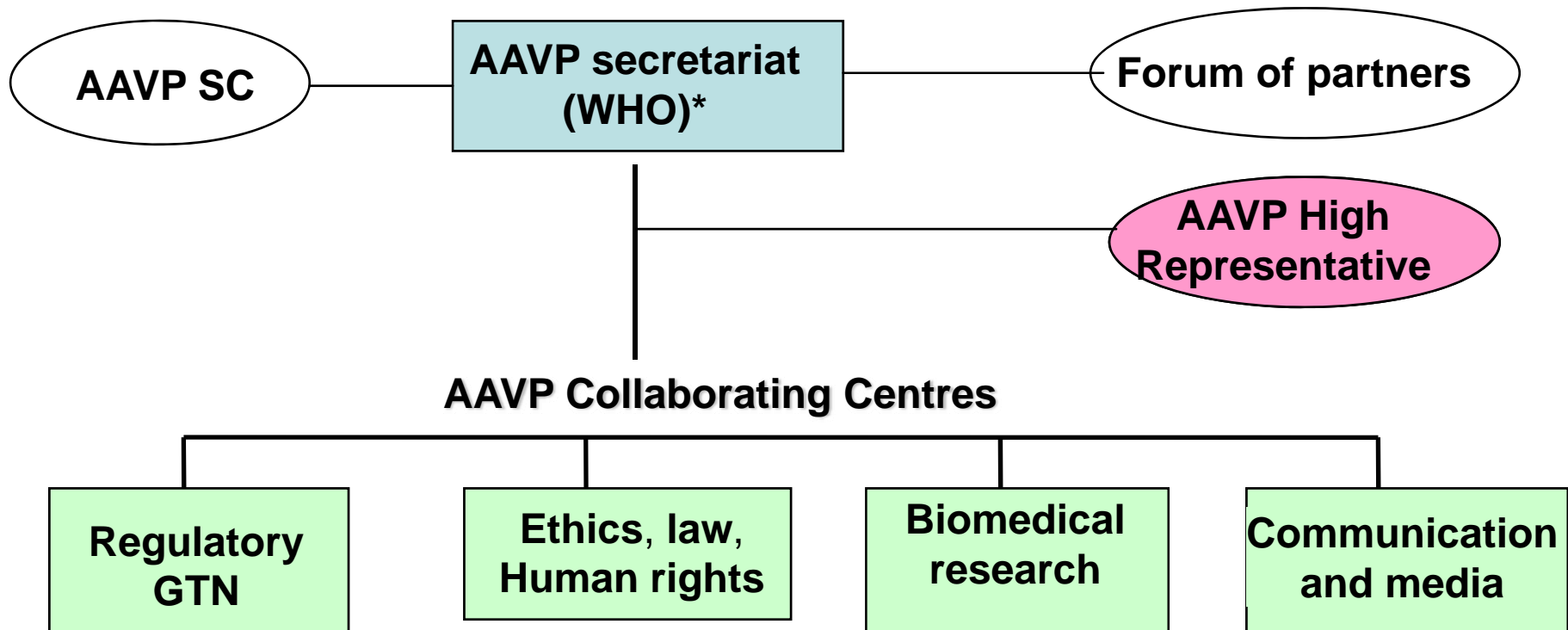


EACCR

- Network
- Gap analysis
- Focused Baseline surveys
- Training
- Workshops
- Website
- Support to weaker institutions

AAVP Partnerships

The AAVP Structure



* National strategic planning managed by AAVP secretariat as one of the activities

AAVP networks

Work with partners

- AAVP Collaborating Centers hubs
- Biomedical CC part of the EDCTP NoE

AAVP-GCP, GCLP Laboratory Quality Assurance, Training Attachment at UVRI



Future of AAVP

- Three countries short listed
- We are hopeful Uganda (UVRI) will host
- Link with a number of partners including EDCTP

Collaboration

Potential areas of collaboration:

- Training fellowships
- Support **capacity building** (GCP, regulatory, ethics, scientific etc)
- **Site development** including support of other trials e.g. malaria or TB which could have benefit to HIV vaccine trials
- Support **targeted research** via institutional and regional collaboration
- Implementation of **National Vaccine Plans**
- Work together on **policy** and **community** issues



INTERNATIONAL
FORUM₅

Africa needs an AIDS Vaccine: Building a common platform for HIV prevention research in Africa

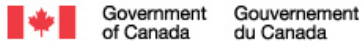
13-15 December 2009, Kampala - UGANDA

Sponsors



<http://www.aavpforum2009.org/component/abstracts/>

BILL & MELINDA
GATES *foundation*



Conclusion

- UVRI is a model of how different networks can complement one another to build capacity and generate useful information
- UVRI has benefited from EDCTP support including south to south collaboration
- AAVP is in a transition and looks to further collaboration with EDCTP

Acknowledgement

- MRC-UVRI staff
- UVRI-IAVI staff
- All UVRI staff

- All our funders especially MRC-UK, IAVI, EDCTP, Wellcome Trust and NIH