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**Establishing and Promoting Standards and Good Laboratory Practice (GLP) for Running Safe, Secure, and Sustainable Laboratories in Africa**

**January 28-30, 2009**

**Imperial Royale Hotel Kampala, Uganda**

**Overall Workshop Objective:**

To raise awareness on the principles surrounding the establishment and promotion of standards and good laboratory practices (GLP) for running safe, secure and sustainable laboratories from a public health and security perspective that could be used in the development of evidence-based policies in this area; and to promote networking among policy makers, researchers, scientists, academicians and other key individuals from all regions of sub-Saharan Africa.

**DAY 1: 28 JANUARY 09**

**Setting the Stage for Addressing Good Laboratory Practices in Africa**

**8:30-9:00      Registration**

**OPENING SESSION**

**CHAIR: Dr. Edward Mbidde, UVRI**

**9:00-9:15      Welcome Remarks by UNAS President (5min)**

**9:05-9:30      Keynote Address (15min)**

**Prof. Peter Mugenyi, Director Joint Clinical Research Centre, Uganda**

**SESSION 1: Overview of Biosafety Issues: Linking Science to Policy**

**Moderator: Kevin Mills McNeill, CDC-Uganda**

**9:30-10:00      Defining Good Lab Practices (10-15min)**

**Mr. Ali Elbireer, Lab Manager, Infectious Diseases Institute**

- 15-20 min discussion

**10:00-10:30      Culture of Responsibility (10-15min)**

**Dr Ingegerd Kallings, WHO Collaborating Center on Biosafety**

- 15-20 min discussion

**10:30-11.00      BREAK**

**11:00-12:30      Present State of Laboratories and Related Policies in Africa (8-10min each)**

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Facilitator: **Hon Dr Saviour Chishimba, MP, Zambia**

10min talk each + Response Panel of Policy makers + Q&A in time remaining

- South Africa  
**Kaye Fitchet, NHLS NICD, South Africa**
- Kenya  
**Dr William K Tonui**
- East Africa: Uganda  
**Dr Jackson Amone, Asst Commissioner, MoH**
- West Africa: Nigeria  
**Dr IF Ijagbone, Nigerian Institute of Science Laboratory Technology, Ibadan**

Response Panel of Policy makers then Q&A including presenters

### **POLICY MAKERS**

#### **South Africa:**

Dr. Ralph Mgiijima, Ministry of Health, South Africa

#### **Kenya:**

Dr Salome M. Guchu, Ministry of Higher Education, Science and Technology, Nairobi

#### **Uganda:**

**(invited)**

#### **Nigeria:**

Dr Noel Biodun Saliu, National Universities' Commission, Nigeria

#### **Malawi**

Dr Alfred Maluwa, Deputy Director for S&T, Lilongwe

#### **Zimbabwe**

Ms Scholastica C Madzinga, Ministry of S&T Devt, Harare

**12:30-14:00 LUNCH BREAK**

### **SESSION 2: Intertwining Biosafety with Biosecurity**

**Moderator: Prof DW Makawiti, Kenya National Academy of Sciences**

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- 14:00-14:30** Biorisk Reduction Management Activities (in the context of the laboratory environment).  
(10min)  
**Emmanuelle Tuerlings**
- 14:30-15:00** **A Code of Conduct for Biosecurity: Report by the Biosecurity Working Group of KNAW (10min)**  
**Dr. Koos van der Bruggen, Royal Netherlands Academy of Arts and Sciences**
- 15:00-15:30** Morocco's National Code of Conduct for Bioethics (10min)  
**Dr. Mohamed Benboudia, Ministry of National Education, Morocco**
- 15:30- 16:00** **BREAK**
- 16:00-17:00** **Oversight functions of laboratory policies, rules and regulations** (8-10min talk each)
- Facilitator: **Prof DW Makawiti, KNAS**
- Risk assessments, monitoring and compliance  
**(invited)**
- Independent accreditation versus government interventions  
**Shadrack Phophi, SANAS, South Africa**
- Enforcement of laboratory guidelines, regulations and policies  
**Philip Naluwande, MRC / UVRI**
- 30min Panel Discussion

**DAY 2: 29 JANUARY 09**

**CHAIR: TBD**

**9:00-9:15** Recap of Day 1 by Chair

**SESSION 3: Setting Laboratory Standards**

**Moderator: Dr Jennifer Sserwanga, MRC Uganda**

**9:15-9:45** Challenges to setting laboratory standards in Africa (10-15min)  
**Dr. Nneoma Idika, Nigerian Institute of Medical Research**

**9:45-11:00** **International Resources for Setting Lab Standards** (8-10min talk each)

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CDC's Biosafety in Microbiological and Biomedical Laboratories (BMBL)  
**Dr. Robert Downing, CDC Labs in Uganda**

PEPFAR laboratory standardization  
**(invited)**

Current Thinking on how Biosecurity Issues are being addressed in the OECD  
area  
**Alexandre Bartsev, OECD**

WHO lab accreditation checklist  
**David Cross, CDC Atlanta**

30 min Panel Discussion

**11:00-11:30 BREAK**

**11:30-12:45 Setting Laboratory Standards (8-10min talk each)**

**Moderator: Dr Barnabas Bakamutumaho, UVRI / CDC**

Setting Sustainable Laboratory Standards  
**Jennifer Gaudio, Sandia National Laboratory**

"VERTIC's National Implementing Measures Project and Measures for  
Establishing National Policy-Making and Bioincident Response Authorities".  
**Scott Spence, VERTIC**

**Delineation of Responsibilities for setting and maintaining lab standards  
(TBD)**

Safety and managerial aspects of a BSL-4 Facility

**Dr Jacqueline Weyer, National Health Laboratory Service (Special  
Pathogens Unit), National Institute for Communicable Diseases,  
Johannesburg**

30min Panel Discussion

**12:45-14:00 LUNCH BREAK**

**14:00-15:30 BREAK-OUT GROUPS**

**Chair: Dr Edward Katongole Mbidde, UVRI**

**Statement of task**

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### **Developing an Action Plan: Applying the Lessons Learned to Policy making**

Each working group is asked to develop an action plan to assist policy makers in deciding whether a policy needs to be written in their focus area and if so, the group is asked to specify the issues that should be included or considered for developing such a policy. Included in the discussions is whether penalties for violations are appropriate and if so, what should the penalty be (i.e., monetary fines, loss of accreditation, etc.)? If a group feels a policy is not indicated then that group should explore what needs to be done in this area and explain why the group feels this is best option. Such options might include but are not limited to: self regulation; accreditation; national, regional or international guidelines; or industry guiding principles.

**Group 1:** Training & Oversight for Mitigating laboratory accidents  
Chair: **Dr. Moses Joloba, National TB Lab, Makerere University**  
Rappeteur:

**Group 2:** Quality control and assurance for high-security labs including collection & handling of infectious agents  
Chair: **Dr Jacqueline Weyer, NHLS, South Africa**  
Rappeteur:

**Group 3:** Determining whether to analyze locally or to send to a regional or international lab: biosafety and transport considerations  
Chair: **Prof Francis J Mulaa, University of Nairobi**  
Rappeteur:

**Group 4:** Legal and regulatory systems on biosafety and biosecurity  
Chair: **Gregory Jaffe, Biotechnology Project Centre for Science in Public Interest, Washington DC**  
Rappeteur:

**15:30-16:00 BREAK**

**16:00-17:00** Resume Break-out Group Deliberations

### **DAY 3: 30 JANUARY 09**

**CHAIR: Dr. Edward Mbidde**

**8:30-9:00** Registration

**9:00-9:45** **Group 1 Presentation**  
(10-12 min presentation + 30 min discussion)

**9:45-10:30** **Group 2 Presentation**  
(10-12 min presentation + 30 min discussion)

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**10:30-11:00**    **BREAK**

**11:00-11:45**    **Group 3 Presentation**  
(10-12 min presentation + 30 min discussion)

**11:45-12:30**    **Group 4 Presentation**  
(10-12 min presentation + 30 min discussion)

**12:30-14:00**    Lunch and Departure at Leisure