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LAB RESOURCES

Please describe the laboratory facilities available in your research institute, including the items listed below (if applicable):

- **Lab space and equipment (general):** Can get the dimensions from the building design (Briefly: Yes, available)

- **BSL-2 lab space and equipment:** Available in the new building

- **BSL-3 lab space and equipment:** Available in the new building

- **Flow cytometry equipment:** 4 color read (plan to get 18 color read in the near future)

- **Other:** Have CO2 incubator, basic molecular biology equipment including imaging, electrophoresis for proteins, plate readers & washers, HPLC equipment and immunofluorescent microscope. A scanning EM and shared sequencing facility are also available.

Please list the research groups in your institute, including the size and areas of expertise for each group:

- Immunology of Infectious Diseases (HIV, TB, Malaria, Hepatitis, Diarrheal, STIs-epidemiology, disease mechanisms)
- Non-communicable (hypertension and diabetes-epidemiology and biomarkers)
• Maternal and Child Health
• Nutrition (infant, maternal and HIV)
• Cancer (epidemiology and biomarkers)

**BIOLOGICAL SPECIMEN REPOSITORY**

Please describe the biological specimens stored at your institute:

• Tissues (blood, cells (PBMC) and DNA

Does your institute have a database of stored samples?

• Yes (not sure about regulation)

**TRAINING AND EDUCATION**

Please describe the training initiatives your institution has in place for individuals prior to working in clinical studies:

• Ethics (Patient/subjects rights and confidentiality)
• General procedures for handling biological materials (Biosafety regulations)
• Data capture
• Data management

Please describe the training initiatives your institution has in place for individuals prior to working in the laboratory:

• Biosafety regulations
• Biological risk assessments
• Laboratory biosafety level criteria

What assays/techniques do you excel in at your institute?

• Immunology, protein work, cell culture and basic molecular biology techniques

What training could you provide to visiting scientists?

• All of the above

What rank are the majority of your trainees? (e.g., approximate numbers of undergraduate students, Masters, PhD, post-doc, MDs)

• Undergraduate students, Masters, PhD, post-doc
Do you offer training classes/courses for any of the following?

- Grant Writing  Yes
- Manuscript/abstract writing  Yes
- Computer skills, excel, prism, endnote, word, powerpoint  Yes
- Presentation skills  Yes
- Epidemiology  Yes
- Biostatistics  Yes

Does your institute receive funds to support training initiatives?  Yes

Please provide details about the funds your institute receive to support training initiatives:

- MEPI
- Grand Challenges
- Other collaborative grants (eg: CFAR)

Does your institution send trainees abroad for additional training?  Yes

What Masters and/or Doctoral programs does your institution offer?

- In all disciplines. Further information available in Almanac, see institution’s website at www.ub.bw

CLINICAL COHORTS

Do you have access to existing clinical cohorts in Africa or USA?

- Yes (not sure about USA)

DATA MANAGEMENT

Please describe the DATA MANAGEMENT FACILITIES available in research institute, including the items listed below (if applicable):

Data management expertise, including staff complement (general):

- Statistics staff, softwares

On-site database design, implementation and trouble-shooting:

- IT and statistics departments
Details of off-site support (by whom):

- Other collaborating university
- Bioinformatics (in the process of establishing)