

Institution: Centre for the AIDS Programme of Research in South Africa (CAPRISA)
Durban, South Africa
www.caprisa.org

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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): 3 Laboratories total of about 200 m2

BSL-2 lab space and equipment:

BSL-3 lab space and equipment: FASCALIBER

Flow cytometry equipment: FASCALIBER

Other:

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

- CAPRISA has 4 research foci:
 - Microbicides
 - Epidemiology and Prevention
 - Pathogenesis and Vaccines
 - HIV and TB treatment

BIOLOGICAL SPECIMEN REPOSITORY

Please describe the biological specimens stored at your institute:

- Plasma, serum, PBMCs, genital specimens, biopsies

Does your institute have a database of stored samples: Yes

Please provide details on methods for biological specimen storage at your institute (e.g., are Standardized Operating Procedures used?):

- SOPs are followed for processing and storage of all specimens



Please describe the equipment/facilities available for sample storage at your institute, including items listed below (if applicable):

<i>-80C freezers</i>	14
<i>Nitrogen storage tanks</i>	5
<i>Dry ice availability</i>	Yes
<i>Use of a nitrogen generator</i>	Yes

TRAINING AND EDUCATION

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

- Associated with the Columbia University Southern African Fogarty AIDS Training Program

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

- Luminex and flow cytometry

What training could you provide to visiting scientists?

- 6 months to 2 year Fellowships

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

- Pre-Docs and Post-Docs

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

- CAPRISA has training programs funded by the South African government sources and by the Fogarty Center at NIH

Does your institution send trainees abroad for additional training?

Yes

Please indicate the number of trainees sent abroad per year, the source of funding, the location of training, and the type of training received.

- About 10 trainees sent to the US each year funded by Fogarty AITRP

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

None

COLLABORATIONS

Please list and briefly describe your institution's collaborations and/or partnerships with entities outside of Africa (e.g., organizations and networks in the USA, Europe, etc. – including CFARS, NIH clinical trials networks, HPTN, HVTN, AMC, IeDEA, USAID, PEPFAR, etc.)

- CAPRISA has no collaborations with any specific CFAR, but is part of the NIH Clinical Trials Network.

CLINICAL COHORTS

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

Yes

Please describe each existing clinical cohort that you have access to, including specifics like “HIV-TB infected HAART naïve adults”, sample size, sample type, sex, age, and whether clinical samples are currently being collected and/or stored (specify which samples).

- Young women cohorts
- TB-HIV co-infected patients

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):

- CAPRISA has fully fledged CFR Part 11 compliant data management and statistics core which uses Datafax

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

BIOSTATISTICAL SUPPORT

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

Biostatistical expertise, including staff complement/composition of PhD and Masters level biostatisticians:

- 4 full-time masters level statisticians and other part-time statisticians

Specific areas of biostatistical expertise/excellence:

- Clinical trial analysis