

Workshop

Training activities in the field of microbiology, immunology and Public Health to improve the diagnosis of latent tuberculosis infection in children

January 13th to 18th, 2025
Abuja, Nigeria

Bingham University and Zankli Research Centre
Km 26 Abuja-Keffi Express way PMB 005
Karu, Nasarawa State
Abuja, Nigeria
Local time: GMT+1.

January 13th 2025

At Bingham University.

Activity for selected Master and PhD students, BU and ZRC staff.

09.00h

Registration

09.15h

Opening

Alicia Lacoma (Institut Germans Trias i Pujol/Universitat Autònoma de Barcelona, Spain), John Bimba (Zankli Research Center, Nigeria) & Prof. Uju Ejike (Dean, Faculty of Science & Technology, Birgham University, Nigeria)

09.45h

IGTP and UAB presentation

Alicia Lacoma (IGTP-UAB, Spain) & Esther Julián (UAB, Spain)

10.00h

Microbiological aspects of *Mycobacterium tuberculosis*

Esther Julián & Arnau Seguí (UAB, Spain)

10.30h

Coffee break

11.00h

Microbiological methods for diagnosing tuberculosis

Jose Domínguez (IGTP-UAB, Spain)

11.30h

Overview of the immune response against *M. tuberculosis*

Irene Latorre (IGTP-UAB, Spain)

12.00h

Immunological tests for diagnosing latent TB infection

Jose Domínguez & Irene Latorre (IGTP-UAB, Spain)

12.30h

Lunch

13.30h

Public health strategies for improving diagnostic and treatment access

Julia Valera (IGTP-UAB, Spain)

14.00h

Tuberculosis in children: State of the art and future perspectives

Paula Madrid (UAB)

14.30h - 15.00h

Concluding remarks and end of the day

Alicia Lacoma (IGTP-UAB, Spain) & John Bimba (ZRC, Nigeria)

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09.00h

Registration

09.15h

Opening and introduction of the day

Alícia Lacoma (IGTP-UAB, Spain) & John Bimba (ZRC, Nigeria)

09.30h

How to prepare a research project

Esther Julián (UAB, Spain)

10.00h

How to get funded

Alícia Lacoma (IGTP-UAB, Spain) & Arnau Seguí (UAB, Spain)

10.30h

Coffee break

11.00h

Managing clinical data

Júlia Valera (IGTP-UAB, Spain)

11.30h

Project Generation Lab: Towards eliminating TB

Júlia Valera (IGTP-UAB, Spain)

12.30h

Lunch

13.30h

How to prepare a winning presentation

Irene Latorre (IGTP-UAB, Spain)

14.00h

How to write a scientific publication

Jose Domínguez (IGTP-UAB, Spain)

14.30h

Closing Lecture: General strategy of TB management (End TB strategy)

Saddiq Abdurrahman (Nile University of Nigeria, Nigeria)

15.00h - 15.30h

The importance of networking and concluding remarks

Alícia Lacoma (IGTP-UAB, Spain) & John Bimba (ZRC, Nigeria)

January 15th 2025

Laboratory practical session I

At Zankli Research Center. Activity for ZRC staff.

Lead by: Irene Latorre (IGTP-UAB, Spain) & Arnau Seguí (UAB, Spain)

09.00h - 13.00h

- Management of blood samples, identification, shipment, storage & registration.
- Isolation of peripheral blood mononuclear cells (PBMCs) and cell counting.
- Development of ELISPOT methods.

January 16th 2025

Laboratory practical session II

At Zankli Research Center. Activity for ZRC staff.

Lead by: Irene Latorre (IGTP-UAB, Spain) & Arnau Seguí (UAB, Spain)

10.00h - 13.00h

- Reading the results.
- Results analysis and clinical interpretation.
- Elaboration of reports.

January 17th & 18th 2025

Visits to clinical sites, stakeholders and academic sites to present COST Action ADVANCE-TB and define project proposals for future European and international funded calls.

- Asokoro District Hospital, Nyanya District Hospitals, Zankli Medical Center, and Primary Care centre at Gwagwalada
- National TB and Leprosy Control Programme; Public Health Department; Federal Capital Territory
- Nile University of Nigeria, University of Abuja Teaching Hospital