

NIMR Research Profile

Emergency Preparedness and Response (EPR)

- To promote prompt response to Humanitarian crises
- Provide health care support during catastrophic events, disasters and emergencies
- Conduct situation analysis on laboratory capacity for emergency preparedness and response'
- To build capacity for Emergency Preparedness Response
- Provision of emergency back-up to the state and national response to emergency on Cholera
- To create predictive models for emergency prone diseases

Health Research Ethics

- Category B status on National Health Research Committee (NHREC) Register and with Federal Wide Assurance number [FWA00004473](#)
- Conduct research into the operations of ethics committee
- Capacity strengthening activities on ethics of and conduct of medical research
- Provides ethical review services for research conducted within and outside the Institute either by staff, non-staff or other organisation

Immunology and Vaccinology (IV)

- Immunology of HIV
- Immunology of TB
- Immunology of childhood diseases
- Immunology of Malaria, Vaccinology
- Immunology of Non communicable diseases

Health System & Policy (HSP)

- **Sector analysis**
- **Management and Organization**
- Health Financing
- Building capacity for health policy & systems research
- Analyse health policies to generate evidence for review / formulation of new health Policies

HIV/AIDS & TB

- Research
 - To Conduct basic, epidemiological, clinical and Operational research in HIV , TB & Hepatitis
 - HIV and TB Drug Resistance Surveillance and studies
- Clinical Services
 - Provision of Comprehensive HIV care, Treatment and support service
 - Prevention of mother to child transmission
 - Provision of paediatric and adolescence HIV services
 - Treatment of Tuberculosis including DOTS service
 - Provision of screening, confirmatory, treatment and care for Hepatitis
 - Post Exposure Prophylactic services
- Laboratory Services
 - National Reference laboratory for HIV/AIDS with Immunological, virologic and genotypic capability and accredited by international accreditation bodies.
 - National Reference Laboratory for Tuberculosis with capacity for both solid and liquid culture and genotyping of M. Tuberculosis
- Training and capacity strengthening service
 - Internship services
 - Training in comprehensive HIV care, treatment and support services
 - Counselling services
 - Clinical management of HIV
 - Laboratory diagnostic and monitoring of HIV
 - TB microscopy training
 - Training in comprehensive TB treatment services

Malaria Research (MR)

- Malaria Vector Control and insecticide resistance
- Tracking anti-malaria drug resistance
- *Plasmodium* population genetics
- Host factors associated with *Plasmodium* infection dynamics in Nigeria.
- Malaria Microscopy Training

Maternal, Reproductive and Child Health (MaRCH) Research

- Research
 - Maternal and women's Health
 - Sexual & Reproductive Health
 - Child & Adolescent Health
 - Epidemiology of Human papilloma virus and premalignant lesion of the cervix
 - Gender based violence
- Clinical Services
 - Family planning services
 - Infertility
 - Antenatal and postnatal services for women living with HIV
 - Cervical cancer screening services
- Laboratory services
 - Human Papilloma Virus Genotyping
- Training
 - Training of Health workers in visual inspection technique

Neglected Tropical Diseases (NTDs)

- Onchocerciasis surveillance in West Africa
- Risk assessment of Buruli ulcer
- Case definition of Buruli ulcer in the community and laboratory
- Training of health workers and community health workers

Non-Communicable Diseases (NCDs)

- Nutrition and Metabolic disorder research
- Haemoglobinopathies
- Cardiovascular disease research
- Cancer research
- Degenerative disorders