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