



Pan-African Network for Rapid Research, Response, Relief and Preparedness for Infectious Diseases Epidemics

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IPANDORA ID-NET is a 'ONE Human and Animal HEALTH' multidisciplinary consortium of 24 partner institutions (15 African and 9 European) derived from 9 African and 4 European countries.

Our partners are from:

- **WEST AFRICA:** 1).Sierra Leone, 2).Nigeria, 3).Ghana
- **CENTRAL AFRICA:** 4) Republic of Congo, 5) Gabon
- **EAST AFRICA:** 6) Sudan, 7) Uganda, 8) Tanzania
- **SOUTHERN AFRICA:** 9) Zambia
- **EUROPE:** 10). United Kingdom, 11). Italy, 12). Germany and 13) France.

To strengthen regional and pan-African capacities and systems for enabling rapid and effective response to emerging and re-emerging infectious diseases threats arising from within Africa, or those imported from overseas.

- To develop and setup robust ‘ready to go within 48-72 hours’ outbreak rapid response teams, at each of the four African regions (West, Central, East and Southern Africa)
- To strengthen capacities for conduct of research (multidisciplinary operational, anthropological, social science)
- To train and empower scientists, healthcare workers, laboratory personnel, clinical trialists, ethicists and social scientists
- To engage stakeholders and global public health agencies at the highest level during all stages of our program.

- WK1: Coordination, administration, advocacy, networking
- WK2: Capacity building and training
- WK3: Epidemiological, clinical and surveillance pathogens studies
- WK4: Zoonotic One Health (Human-animal) interface studies– Natural studies
- WK5: Clinical trials on existing and sporadic zoonotic diseases
- WK6: Data management, sharing and reporting
- WK7: engaging policy makers, global public health bodies and communities and ethical, administrative, regulatory and operational obstacles during outbreaks

Each Africa Region will have focal coordinating institutions:

- **West Africa(Nigeria)-Irrua Teaching Hospital.**
- **Central Africa(Congo)-Fondation Congolaise pour la Recherche Medicale**
- **East Africa (Sudan)- Institute of Endemic Diseases, (Tanzania)- National Institute for Medical Research**
- **Southern Africa(Zambia)-University of Zambia/University Teaching Hospital (includes veterinary partners).**

Each region will have lead clinical site, satellite clinical sites, an animal health institution and a reference laboratory.

- **The Coordinator** will be responsible for the overall administrative, financial, legal, contractual aspects of the consortium in accordance with the EDCTP contract
- **The coordination team** (deputy-coordinators , project managers, finance managers)
- **Executive board: Decision making body composed of coordinating team and representative of each partner**
- **External Scientific Advisory Group** advises the Executive Board and ensures objectivity and inputs into a high standard of scientific excellence
- **Project coordinating officers** (workpackage leaders) will provide leadership of the consortium, running all aspects of the project coordination of research and innovation tasks.

- **Areas:**
 - Human Health
 - Animal health
 - Ethics and social sciences
 - Policy makers and community involvement
- **Cross-cutting activities**
 - Epidemiology and surveillance
 - Laboratory
 - Training and capacity building
 - Coordination, dissemination and information

WK2 - Training and capacity building

- Training and tailored regional workshops on specific and cross-cutting areas
- Develop instructional training video (on line) s materials.
- Educational and academic individual training.
- Development/improvement of infrastructure
- Establishment of Biobank(s)
- Increase laboratory diagnostic capability
- Establishment of 2 new mobile lab units in Africa
- Conduct Quality assurance and quality control processes for accreditation

WK3-Establishment of Outbreak response team

- Identify key institutions who can develop their existing capacity and capability.
- To strengthen networks with existing agencies already active in this field to ensure synergy and maximum collective benefit.
- Between outbreaks, epidemiological studies on the sporadic and continuing infectious outbreaks

- Needs assessment on key zoonoses in the participant countries, identification of key gaps, opportunities, clinical trials
- Epidemiological studies and determining the risk factors of zoonotic diseases with potential to cause large epidemics.

WK6- Data collection and management

- Strengthen systems for data collection
- Enhance the utilisation of surveillance data
- Harmonizing data collection platforms
- Establishing best practices in data collection, curation and analysis



WK7- Ethics

- Development of a an adaptive trial platform and pre-approval by local ethics committees.
- Review recommendations from Ebola recent outbreaks
- Organise deliberative workshops and consensus summit for regulators and ethics committees
- Developing ethics expertise in ethics of research in emergency situations –including operational activities and interventions used by rapid response teams

WK7-Engaging stakeholders and Communities

- To understand perceptions of EID risks and the level of support for specific interventions.
- To identify the existing multi-sectoral strategies for building appropriate levels of preparedness and response to EID outbreaks.
- To investigate the barriers that impede rapid and effective responses to EID outbreaks



Synergies for developing activities

- The four EDCTP regional networks of Excellence
- ALERRT
- Regional health organizations (OCEAC, WAHO, etc.)
- International organization (AFRO, NEPAD, AFRICA-CDC)
- Other initiatives
- Local private sector

Special thanks to coordination team

Sir Ali ZUMLA



Prof. Giuseppe IPPOLITO



Dr. Francesco VAIRO



Zikomo Kwambhiri

Grazias

Děkuji

Kiitos

Terima kasih

Shukran gazilan

Jazakallah kheir

Thank you

Asante

Merci beaucoup

Dankie