

Role of laboratory Systems: Lessons learned and perspectives

ASLM December 2018

des racines pour la vie



roots for life



FONDATION MÉRIEUX

Pasteurian Roots

- 1897: Marcel Mérieux founded Institut Mérieux after working with Louis Pasteur
- In his memory, his son Dr. Charles Mérieux, created Fondation Mérieux in 1967



A Family Foundation Serving Public Health

- Official public interest status since 1976



Mission

“Strengthen local capacities to fight the infectious diseases that affect vulnerable populations in developing countries, particularly mothers and children.”

*Fondation Mérieux works in symbiosis with
Fondation Christophe et Rodolphe Mérieux, a
family foundation, under the auspices of
the Institut de France*



Objectives



Focus 1: Increase vulnerable populations' access to diagnostics by strengthening clinical laboratories in national healthcare systems



Focus 2: Enhance local applied research capabilities by training researchers, developing collaborative programs and creating Rodolphe Mérieux Laboratories, transferred to local partners



Focus 3: Encourage knowledge-sharing and public health initiatives leveraging Les Pensières Center for Global Health



Focus 4: Improve conditions for mothers and children taking a global health approach



Activities for Strengthening Clinical Laboratory Systems

- **Setting up** infrastructures, equipment and computerized systems for quality clinical biology
- **Reinforcing** the expertise for establishing biological diagnosis
 - Training, Quality, Biosecurity/Biosafety
- **Improving** the management and the efficiency of clinical biology laboratories
 - Supervision, Assessment, Mapping
- **Assisting** local health authorities in building a laboratory system offering prevention/monitoring and diagnosis/therapeutic follow-up
 - Sample transport, Biobanking, Surveillance, Networking



Diagnostics Projects Worldwide



Role of laboratory systems: Lessons learned and perspectives

- From a laboratory point of view
 - About outbreak and surveillance,
 - diagnosis and monitoring of patients,
 - HIV, AMR ect.
 - Non communicable diseases
 - Laboratory system and governance
- From and by the local stakeholders

