



## **Dr. Daniel MUKADI-BAMULEKA**

### BIOSKETCH

Dr. Mukadi has been the Regional Director of the National Institute of Biomedical Research (INRB) branches in the east of DRC and Director of the P3/P2/P2 Rodolphe Mérieux INRB-Goma Laboratory since its opening in June 2020. He has also worked as a field activities supervisor, Head of Research Units, and lecturer in the Viral Hemorrhagic Fever Unit, Department of Virology, INRB-Kinshasa and in the Departments of Microbiology and of Medical Biology, University of Kinshasa, DRC.

Dr. Mukadi has extensive field and laboratory experience in the domain of Ebola virus disease (EVD) and other emerging diseases with deep knowledge of the deployment, management and coordination of field laboratories. As a lab practitioner, he has skills, training, and research experience in Molecular Biology, Genomic Sequencing, Serology, Bacteriology, Immunology and Clinical biology. In the last six years, Dr. Mukadi has been involved in eight EVD outbreaks in the DRC, serving as the Laboratory Coordinator for diagnosis, research, field activities, postmortem surveillance activities, and survivor follow-up laboratories across various provinces and regions of the country. He was the Laboratory Coordinator in “A Multicenter, Multi-Outbreak, Randomized, Controlled Safety and Efficacy Study of Investigational Therapeutics for the Treatment of Patients with Ebola Virus Disease” in partnership with National Institutes of Health (NIH) in the DRC, November 2018-December 2020. He’s actually involved in the “A randomized, placebo-controlled, double-blinded trial of the safety and efficacy of tecovirimat (TPOXX®) for the treatment of adult and pediatric patients with monkeypox virus disease” clinical trials with NIH/NIAD as a Clinical Laboratory Specialist Co-Lead.

At the start of the COVID-19 pandemic in DRC (June 2020), Dr. Mukadi was appointed as the Coordinator of COVID-19 laboratories in the eastern DRC. He set up and manages COVID-19 INRB field laboratories across 4 provinces in eastern DRC: North-Kivu (Goma, Beni & Butembo), South-Kivu (Bukavu), Ituri (Bunia) & Haut-Uele (Watsa & Isiro). He also set up a sequencing lab capacity in Goma in collaboration with Molecular Epidemiology Department at INRB-Kinshasa and was the Lab Coordinator in “International Study on COVID-19 Vaccine to assess immunogenicity, reactogenicity and efficacy” in partnership with NIH-InVITE starting in August 2021. Dr. Mukadi is also the author and co-author of numerous scientific papers, covering Ebola, HIV, Hepatitis B, and monkeypox, most recently publishing: “Ebola virus: DRC field laboratories' rapid response” in Nature in April 2022 and “Virus kinetics and biochemical derangements among children with Ebolavirus disease” in eClinical Medicine in September 2022.