

# Technical Review Panel Member

## Curriculum Vitae

**Name:** Marguerite MASSINGA LOEMBE  
**Nationality:** Gabonese/ Canadian  
**Languages:** French, English  
**Expertise:** Resilient and sustainable systems for Health (RSSH)

### Qualifications

Qualification	Institution	Department	Year
Post Doc Epidemiology	Laval University, Faculty of Medicine	Social and preventive medicine	2007
PhD Microbiology	Laval University, Faculty of Sciences	Microbiology and Biochemistry	2004
MSc Microbiology	Laval University, Faculty of Sciences	Microbiology and Biochemistry	1998
BSc Microbiology	Laval University, Faculty of Sciences	Microbiology and Biochemistry	1996

### Employment History

Employer	Position	Place	Year
Resolve to Save lives/ 7-1-7 Alliance	Independent contractor Provide TA & mentorship to Alliance countries in Western & Central Africa	remote	2024
Matahari Global	Senior consultant Health Systems strengthening	remote	2024
African Society of Laboratory Medicine (ASLM)	Senior Science Manager	Addis Ababa & Gabon	2023

African Centers for Disease Control and Prevention (Africa CDC)	Senior Laboratory advisor/ Acting deputy coordinator, Africa CDC Central Africa regional coordinating center	Addis Ababa & Gabon	2019-2022
WHO AFRO rGLC	Consultant for the review of the national TB reference laboratory	Guinea	May 2019
WHO AFRO rGLC	Consultant for the review of the national TB reference laboratory	DRC	Dec 2018
WHO AFRO rGLC	PMDT consultant	Gabon	Dec 2016
WHO AFRO rGLC	PMDT consultant	Guinea	May 2016
Centre de Recherches Médicales de Lambaréné (CERMEL)  Affiliated to the Institute of Tropical Medicine, University of Tübingen	Coordinator, Global Fund TB grant management unit (2018)  Research group leader: Health systems reinforcement and programmatic support (2016-2018)  Head of research Laboratory (2011-2018)	Lambaréné, Gabon & Tübingen, Germany	2011-2018
Prins Leopold Institute of Tropical Medicine (ITM)	Post-doctoral Scientist, study coordinator, EU FP7 TB-IRIS study group consortium	Antwerp, Belgium & Infectious Disease Institute (IDI) Kampala, Uganda	2007-2011
Unité de Recherche en santé des Populations, Projet SIDA3	Post-doctoral fellow & Laboratory director	Canada & Benin	2004-2007

## Profile:

Senior Scientist with 20 years' experience in public health programs design, implementation, and evaluation in Africa. Engaged across the research continuum, from evaluation (phase I to III trials) to implementation of new diagnostics and vaccines for improved programmatic management and control of endemic and outbreak-prone diseases (TB, HIV, emerging viral pathogens). Actively involved in global health initiatives and advisory groups to accelerate dissemination, uptake and scale-up of public health innovations. Track record in providing senior-level advice, fostering technical partnerships with key stakeholders, and leading multidisciplinary teams. Skills in policy development, strategic planning, and resource mobilization. Expertise encompasses the design, implementation, and impact evaluation of evidence-based programs, with a focus on delivering technical support to high-burden countries to ensure optimal delivery of people-centered quality diagnostic services to achieve Universal Health Coverage and Global Health Security.

**Keywords:** Laboratory networks & systems, laboratory-based surveillance, outbreak preparedness & response; Tuberculosis, Clinical trials, project management.

## Other relevant positions:

- Chair Stop TB partnership Global Laboratory Initiative (GLI) core group (2022-present)
- Chair Exemplars and Innovation in Diagnostics technical advisory group (2022-2024)
- Academic editor Plos Global Public Health journal (2022-present)
- Lead, Africa CDC mission for the rapid assessment of the COVID-19 outbreak in Seychelles, jointly with WHO AFRO (June 2021)
- Member Africa CDC Knowledge management TWG (2020-2022)
- Member Africa CDC African task force for coronavirus surveillance TWG (2020-2022)
- Member Stop TB partnership Global Laboratory Initiative (GLI) core group (2018-2022)
- Chair Gabon global fund TB concept note technical elaboration committee (2015)

## Relevant publications (2019-2024)

Full list: ORCID ID: <https://orcid.org/0000-0002-7822-566X>

1. Agnandji ST, Essone PN, Medaglini, Loembe MM (2024) **Readiness in preventing filovirus epidemics by use of the marketed vaccines against Zaire Ebola virus disease as prototypes**. The Lancet Infectious Diseases
2. Massinga Loembé M, Nkengasong JN (2021). **COVID-19 vaccine access in Africa: Global distribution, vaccine platforms, and challenges ahead**. Immunity.
3. Massinga Loembé M, Tshangela A, Salyer SJ, Varma JK, Ouma AEO, Nkengasong JN (2020). **COVID-19 in Africa: the spread and the response**. Nature Medicine
4. Ondoa P, Kebede Y, Loembe MM, Bhiman JN, Tessema SK, Sow A, Sall AA, Nkengasong J (2020) **COVID-19 testing in Africa: lessons learnt**. Lancet Microbe.
5. Ondoa P, Oskam L, Loembe MM, Okeke IN (2021) **Transforming access to diagnostics: how to turn good intentions into action?** The Lancet.
6. SC Inzaule, P Ondoa, MM Loembe, YK Tebeje, AEO Ouma, JN Nkengasong (2021). **COVID-19 and indirect health implications in Africa: Impact, mitigation measures, and lessons learned for improved disease control**. PLoS Medicine
7. CO Odhiambo, A Mataka, MM Loembe, P Ondoa (2021). **Maintaining routine HIV and tuberculosis testing services in sub-Saharan African countries in the context of COVID-19: Lessons learnt and opportunities for improvement**. African Journal of Laboratory Medicine
8. Ondoa P, Ndlovu N, Keita MS, Massinga-Loembe M, et al. (2020) **Preparing national tiered laboratory systems and networks to advance diagnostics in Africa and meet the continent's health agenda: Insights into priority areas for improvement**. African Journal of Laboratory Medicine
9. Odhiambo CO, van der Puije B, [...] Loembe MM, Kebede Y, Ndlovu N, Ondoa P (2022) **Examining 7 years of implementing quality management systems in medical laboratories in sub-Saharan Africa**. Tropical Medicine & International Health
10. Agnandji ST & Loembe MM (2022) **Ebola vaccines for mass immunisation in affected regions**. The Lancet Infectious Diseases
11. Vigneschow A, Edoa JR; Adegbite R, Bayode R, Agbo Achimi P, Adegnika A, Alabi A, Massinga Loembe M, Grobusch M. (2021). **Knowledge, attitudes, and practices regarding tuberculosis amongst healthcare workers in Moyen-Ogooué Province, Gabon**. BMC Infectious Diseases
12. Vigneschow A, Adegbite Romeo, Edoa JR, Alabi A, Adegnika A, Grobusch M, Massinga Loembe M. (2021). **Tuberculosis infection control measures in healthcare facilities in Moyen-Ogooué Province, Gabon**. BMC Health Services Research

13. Ateba-Ngoa U, [...] Massinga-Loembe M, Alabi A, Grobusch MP, 2019. **Implementation of multidrug-resistant tuberculosis (MDR-TB) treatment in Gabon: lessons learnt from the field.** Infection.
14. Lim JK, Fernandes JF, Yoon IK, [...] Loembe MM, Kremsner PG, Alexander N, Agnandji ST (2021). **Epidemiology of dengue fever in Gabon: Results from a health facility-based fever surveillance in Lambaréné and its surroundings.** PLoS Neglected Tropical Diseases