**FULL NAME:** *PROF. HAMISI MASANJA MALEBO*

**Qualification:** *Dip. Ed (Sc), B.Sc (Hons), M.Sc, PhD, FASI, FRSC*

**Position:** Chief Research Scientist (Medicinal Phytochemistry)

**Employer:** UNESCO National Commission of the United Republic of Tanzania 8th October, 2018 to date.

**Sector Ministry:** Education, Science and Technology (MoEST)

**Position: Executive Secretary (Secretary General)**

**Current address:** UNESCO National Commission of the United Republic of Tanzania, Ministry of Education, Science and Technology,7 Magogoni Street,

P.O. Box 20384, 11479 Dar es Salaam, Tanzania.

**Presidential Appointment: Chairperson – Traditional and Alternative Health Practice Council** for the triennium 19th June, 2021 to 18th June, 2024.

**Sector Ministry:** Health

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# Academic Qualifications

PhD in Medicinal Phytochemistry (2009, Kenyatta University (Kenya) & University of Basel (Switzerland)); M.Sc. in Natural Products Chemistry (2000, University of Dar es Salaam, Tanzania); B.Sc. with Education in Chemistry and Biology (1996, University of Dar es Salaam, Tanzania); Diploma in Education in Chemistry and Biology (1990, Mkwawa Teachers College, Tanzania).

# Research Discipline(s)

Infectious Diseases; Disease Vectors Behaviour, Physiology and Ecology; Water, Sanitation and Hygiene (WASH); Drug Design, Discovery, Development and Pharmaceutical Production

# Brief Biography

Prof. Hamisi M. Malebo has academic background in Chemistry and Biology and he holds a Doctoral Degree in Medicinal Phytochemistry. He attained Diploma in Education (Chemistry & Biology) from Mkwawa Teachers College, Iringa, Tanzania in 1990; Bachelor of Science with Education (Chemistry & Biology) from the University of Dar es Salaam, Dar es Salaam, Tanzania in 1996; Master of Science (Natural Products Chemistry) from the University of Dar es Salaam, Dar es Salaam, Tanzania in 2000; and a PhD in Medicinal Phytochemistry by sandwich between Kenyatta University in Kenya and University of Basel in Switzerland in 2009. Prof. Prof. Malebo also holds International Certificate in Malaria Control from the Institute of Parasitic Diseases, Shanghai, China in 2002; Advanced Certificate in Translational Bioinformatics for Drug Discovery and Development from Pasteur Institute, Tunis, Tunisia in 2010; Advanced Certificate in Genetic Resources and Intellectual Property Rights from the University of Uppsala and SIDA in Uppsala, Sweden and Bangkok, Thailand in 2012/2013. Prof. Malebo was also a visiting researcher in the laboratories of Natural Therapies and Phytochemistry of the Southern China Botanical Garden (SCBG) in Guangzhou in China in 2013/2014, Shijiazhuang North Pharmaceutical Company in China in 2014/2015 and in the Departments of Pharmacological and Biomolecular Sciences

(DiSFeB) in the School of Pharmacy at the University of Milan and the University of Camerino in Italy 2016.

He is currently involved in R&D of Drug Discovery and Development for communicable and non- communicable diseases; Environmental Health & Technology; Evaluation of efficacy and safety of investigational drugs, drugs in use and natural products; pharmaceutical quality assurance and control (QA/QC); formulation and standardization of phytopharmaceuticals; cosmetics and nutraceuticals; and pharmaceutical production processes and technologies. For the past 24 years, Prof. Malebo has been carrying out drug discovery research for HIV/AIDS, malaria, trypanosomiasis, leishmaniasis, cancer, viral, bacterial and fungal infections. He has also taught courses on Drug Discovery and Design; Medicinal Chemistry, Chemical Separation Methods, Organic Synthesis and Forensic Chemistry. He researches also on medicinal and pesticidal natural products derived from medicinal and poisonous plants, with particular interest on anti-protozoal agents. On WASH, he has been researching and implementing interventions geared towards addressing maternal, child and neonatal health. He has published more than 50 peer reviewed journal papers on bioactive natural products, diagnostics, WASH and books on anti-HIV herbal remedy, WASH and a chapter on Malaria Control in Africa. Prof. Malebo has mentored a number of undergraduate and postgraduate students in public health and medicinal natural products.

Prof. Malebo received research awards and grants from DAAD (Germany), Basel Stipend Commission (Switzerland), UNICEF (Tanzania), World Bank Water and Sanitation Program (WSP), Global Fund against AIDS, TB & Malaria (GFR-8), IFS (Sweden), SIDA (Sweden), Chinese Academy of Sciences (China), Geita Gold Mine (GGM), SNV (Tanzania), Water Aid (Tanzania), DFID (UK); JICA (Tanzania) and Malaria Medicine Venture (Switzerland). Prof. Malebo is a Fellow of the African Scientific Institute (ASI) and Royal Society of Chemistry (RSC).

**ORCiD Profile**

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**Google Scholar Profile** [https://scholar.google.com/scholar?hl=en&as\_sdt=0%2C5&q=hamisi+masanja+malebo&oq=Ha](https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=hamisi%2Bmasanja%2Bmalebo&oq=Hamisi%2BMasa) [misi+Masa](https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=hamisi%2Bmasanja%2Bmalebo&oq=Hamisi%2BMasa)

**ResearchGate Profile**

<https://www.researchgate.net/profile/Hamisi-Malebo>

**Scopus Author**

<https://www.scopus.com/authid/detail.uri?authorId=14067696500>

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