

+Abbreviated Biosketch for Proposed Members of the Guideline Development Group

Title:	Professor
First name:	Charles
Last name:	Wondji
Current position:	Executive Director, CRID, Cameroon
Affiliation*:	Liverpool School of Tropical Medicine
Country:	United Kingdom
<p>Bio: Charles Wondji is a Professor of genetics and vector biology at the Liverpool School of Tropical medicine (LSTM) and a Wellcome Trust Senior Research Fellow. He is the Executive Director of the Centre for Research in Infectious Diseases (CRID) in Cameroon where he also leads the LSTM research Unit. For the past 20 years, his research activities have focused on understanding the biology, genetics and genomics of mosquitoes, vectors of tropical diseases such as Malaria, Lymphatic Filariasis and Dengue. This research started with a PhD (Yaoundé I University, Cameroon), on the population genetic structure of <i>Anopheles gambiae</i>, a major African malaria vector. A specific area of his research aims at understanding the genetic basis of insecticide resistance in mosquitoes' vectors of malaria or arboviruses by detecting molecular resistance markers using genomic/genetic tools and designing suitable molecular assays to track resistance in field populations. Through experimental hut trials in Africa, he is also assessing the resistance impact on the effectiveness of insecticide-based tools. He has trained dozen of Masters and PhD students at LSTM and in Africa while mentoring several research fellows (Wellcome Trust, DELTA, PIIVEC, FLAIR) across Africa, a work for which he was recently awarded the Chalmers medal by the Royal Society of Tropical Medicine and Hygiene in 2021. He is a member of; the WHO Guideline Development Group for Vector Control and Insecticide Resistance, the WHO prequalification team (vector control), the external scientific advisory committee (ESAC) of IVCC and of several other research consortiums.</p>	

* Please choose your primary affiliation and mention others in the bio.

*** Please briefly describe your current and recent professional positions (past five years) and education in 200 to 300 words maximum.