

Abbreviated Biosketch for Proposed Members of the Guideline Development Group

Title:	Associate Professor
First name:	Basil
Last name:	Brooke
Current position:	Head: Vector Control Reference Laboratory
Affiliation*:	Center for Emerging Zoonotic & Parasitic Diseases, National Institute for Communicable Diseases
Country:	South Africa
<p>Bio: Basil Brooke (BSC. Hons, PhD, Fellow Royal Entomological Society of London) is the current head of the Vector Control Reference Laboratory (VCRL) of South Africa's National Institute for Communicable Diseases (since 2013) and is an Associate Professor affiliated to the Wits Research Institute for Malaria, University of the Witwatersrand, South Africa. He has 20+ years experience in malaria vector control and allied operational research, and during that time has authored/co-authored 80+ research publications. These are primarily focused on an array of genetic and biometric issues related to the development, inheritance, expression, relative stability and pleiotropic effects of insecticide resistance in African malaria vector populations. Prof Brooke is a member of the South Africa Malaria Elimination Committee (SAMEC) and is a co-chair of the Vector Control Subcommittee. In terms of recent policy development, he was integrally involved in developing South Africa's vector control, surveillance and operational research plan, which is one of the principal objectives of the countries malaria elimination strategy for the period 2019 – 2023. He is also integrally involved in developing South Africa's vector borne diseases strategy in line with the WHO's Global Vector Control Response. Prof Brooke has authored sections and contributed to the following WHO guidelines and technical documents: Test procedures for insecticide resistance monitoring in malaria vector mosquitoes, 2013 and 2016 editions; and Framework for a National Plan for Monitoring and Management of Insecticide Resistance in Malaria Vectors, 2017. He is currently a principal coordinator and contributor to the complete revision of the WHO's Manual on Practical Entomology in Malaria, and represents the WHO on UNEP's DDT expert group (2nd term).</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.