

Abbreviated Biosketch for Proposed Members of the Guideline Development Group

Title:	Professor
First name:	Karen
Last name:	Barnes
Current position:	Professor of Clinical Pharmacology
Affiliation*:	University of Cape Town
Country:	South Africa
Bio: I am a Professor of Clinical Pharmacology at the University of Cape Town (UCT), with research interests focusing on improving the treatment of malaria. My research in malaria started when I was appointed as a member of the South African National Malaria Advisory Group in 1996, at the start of a relentless malaria epidemic in South Africa that was fueled by drug and insecticide resistance. However, there was insufficient local evidence available then to inform malaria treatment policy. With drug resistance being one of the greatest threats to malaria control and elimination, my focus has been on translational research on the clinical pharmacology of antimalarials that informs malaria treatment policy and practice – including the comprehensive evaluation of changes in treatment policy. To prevent / delay antimalarial resistance, I also lead research on optimising dosing in vulnerable populations (young children, pregnant women and patients with prevalent comorbidities such as HIV/AIDS or malnutrition). This paved the way for my becoming the Founding Director of the UCT MRC Collaborating Centre on Optimising Antimalarial Therapy. I have served on a number of international committees including the World Health Organization Technical Expert Groups on both Malaria Chemotherapy and Drug Resistance and Containment. Other positions I currently hold include as Head of the WorldWide Antimalarial Resistance Network (WWARN) Pharmacology Scientific Group, Director of the Infectious Diseases Data Observatory (IDDO) Southern African Regional Hub and co-chair of the South African Malaria Elimination Committee.	

* 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.