

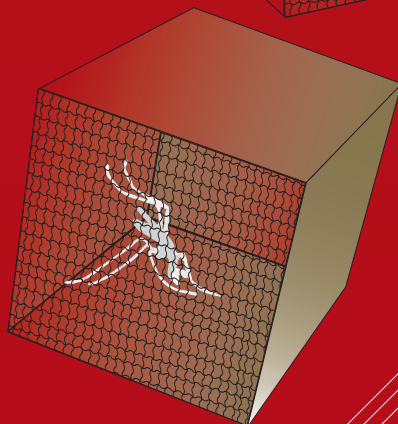
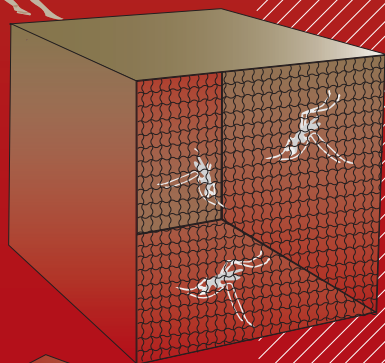
REPORT OF THE TWENTIETH  
***WHOPES***  
WORKING GROUP MEETING



**WHO/HQ, GENEVA  
20–24 MARCH 2017**

**Review of:**

**INTERCEPTOR G2 LN  
DAWAPLUS 3.0 LN  
DAWAPLUS 4.0 LN  
SUMILARV 2 MR  
CHLORFENAPYR 240 SC**



**World Health  
Organization**



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Organization**

**CONTROL OF NEGLECTED TROPICAL DISEASES  
WHO PESTICIDE EVALUATION SCHEME**

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## 1. INTRODUCTION

The 20th meeting of the WHOPES Working Group, an advisory group to the World Health Organization Pesticide Evaluation Scheme (WHOPES), was held at WHO headquarters in Geneva, Switzerland from 20 to 24 March 2017.

The Working Group reviewed three long-lasting insecticidal net products<sup>1</sup> for the prevention and control of malaria: Interceptor G2 LN of BASF, Germany; DawaPlus 3.0 LN and DawaPlus 4.0 LN of Tana Netting, United Arab Emirates; one mosquito larvicide: SumiLarv 2 MR of Sumitomo Chemical Co. Ltd., Japan; and re-evaluated Chlorfenapyr 240 SC of BASF, Germany. The Working Group made recommendations on the use and further evaluation of each of these products.

The meeting was opened by Dr Dirk Engels, Director, WHO Department of Control of Neglected Tropical Diseases (NTD). He said that WHO is undertaking reforms in evaluation of innovative tools, improving quality in the system, and ensuring standardized vector control evaluation and timely development of normative guidance. Evaluation of vector control products has moved to the WHO prequalification team effective January 2017.

As part of the NTD Vector Ecology and Management (VEM) unit, WHOPES will continue to play a normative role in the evaluation of vector control products, which involves developing standard operating procedures as well as efficacy testing guidelines and their necessary revisions periodically. WHOPES will continue collaboration with the Food and Agriculture Organization of the United Nations (FAO) in pesticide management activities to reduce risks to humans and the environment by providing guidelines and capacity strengthening support. Capacity building in vector control is our priority. In 2016, the VEM team started strengthening capacity of five sites in Asia leading to Good Laboratory Practice certification, and it is planned to add five more sites in 2017 including from Latin America.

Vector control is critical to the control and elimination of NTDs and malaria, and effective tools and strategies are paramount to these efforts. The Seventieth World Health Assembly (Geneva, 22–31 May 2017) will consider adopting a Global Vector Control Response; and NTD has focused on control of rapidly expanding arboviral diseases, in particular Zika virus disease, dengue and chikungunya.

Dr Engels noted that this is the last WHOPES Working Group meeting after which the prequalification team will assume the assessment function for products within the established categories. He thanked all the WHOPES Working Group members and hoped that the VEM unit will continue collaboration in normative activities.

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<sup>1</sup> Refers to long-lasting insecticidal nets (LNs) as a pesticide formulation.

Dr Rajpal Yadav, Scientist in charge of WHOPES, briefed the Working Group on the objectives of the meeting, summarized the interests declared by the invited experts and explained the working procedures of the meeting. He too thanked all the WHOPES Working Group members for their excellent contributions to and technical support for the work of WHOPES.

Professor Dr Marc Coosemans, Institute for Tropical Medicine, Belgium was appointed as Chairperson and Dr John Gimnig, Centers for Disease Control and Prevention, USA as Rapporteur.

Nine invited experts and six staff representing the WHO Secretariat attended the meeting (see Annex 1. List of participants). The Working Group met in both plenary and break-out sessions, in which the reports of the WHOPES supervised trials and additional background reports submitted by the manufacturers including the relevant published literature and unpublished reports were reviewed and discussed (see Annex 2. References).

## **Declarations of interest**

All the invited experts completed a *Declaration of interests for WHO experts* within the past four years before the meeting for assessment by the WHO Secretariat. The following interests were declared:

Dr Nicole Achee's university has received mosquito repellent products free of charge from SC Johnson & Son, USA for use in a large-scale intervention trial funded by the Bill & Melinda Gates Foundation, USA.

Dr Rajendra Bhatt's institute has received prescribed fees from BASF India Ltd., India; Bayer CropScience, India; and Vestergaard Frandsen, India to meet the costs of product evaluation.

Dr Fabrice Chandre's institute has received prescribed standard fees from Bayer CropScience, Germany to meet the costs of evaluation of their pesticide products

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