

17

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Webinaire

Challenges in studying drug efficacy in *Plasmodium vivax*

Jean POPOVICI

Inserm

La science pour la santé
From science to health

Inserm Institut thématique Immunologie, inflammation, infectiologie et microbiologie

Jean POPOVICI

Jean Popovici is Head of the Malaria Research Unit at the Institut Pasteur du Cambodge.

His research focuses on the biology, transmission, and immune interactions of *Plasmodium vivax*, combining field epidemiology, clinical studies, and advanced molecular approaches. His work bridges fundamental parasite biology and translational research to support malaria control and elimination efforts.



WEBINAIRE

Challenges in studying drug efficacy in *Plasmodium vivax*

Plasmodium vivax presents some technical (no continuous in vitro culture making evaluation of intrinsic drug susceptibility difficult) and biological (occurrence of relapses from hypnozoite reactivation after treatment nearly impossible to distinguish from reinfections or recrudescence) specificities that challenge our capacity to study drug efficacy and characterize drug resistance emergence.

The webinar will describe the approaches we have implemented over the years in Cambodia to tackle those issues by combining therapeutic efficacy studies with innovative designs, ex vivo drug susceptibility and genomic analyses.