Ervi Salwati
The Genotyping for *P. vivax* isolates as a tool for monitoring parasite population and transmission.

Ervi Salwati is the Head of The Molecular Biology Laboratorium Center for Biomedical and Pharmaceutical Research and Development, National Institute of Health Research and Development (NIIHRD) in Jakarta, Indonesia. Ervi has degree in biology from the University of Indonesia and obtained a Masters of Biomedic (Parasitology) from the University of Indonesia in 2006.

During Ervi’s APMEN Fellowship, she will be looking at ways to establish molecular markers of *Plasmodium vivax* (*P. vivax*) resistance by looking for a new target region or single nucleotide polymorphisms (SNPs) from the genes potentially involved in drug resistance.

“In this APMEN fellowship, I am interested to know how to look for single nucleotide polymorphisms in the sequence of these PfCRT and PvMDR1 genes, to be used as molecular markers in the surveillance of CQR in *P. vivax*”.

**Host Mentor Organisation:** The Australian Army Malaria Institute (AMI) is an Australian Defence Force organisation whose role is to provide its personnel with the best possible protection against vector borne diseases. Primarily focused on malaria, the AMI has recently broadened its interests to include the arboviruses, particularly dengue and Japanese encephalitis. The Institute was established in Sydney in the late 1960’s and relocated to a purpose-built research laboratory complex in Brisbane in 1997.

**Host Mentor Supervisor:** Dr Qin Cheng heads the Drug Resistance and Diagnostics department at the Australian Army Malaria Institute and the Malaria Drug Resistance and Chemotherapy laboratory at the Queensland Institute of Medical Research. Dr. Cheng is a molecular parasitologist and has been conducting research in the field of malaria for over 25 years. Dr. Cheng’s current research interests are the mechanism and evolution of drug resistance, evaluation and improvement of malaria diagnostics and relapses in *P. vivax*. 