



Title of PhD project / theme	Aetiology and clinical management of non-malarial fevers in southeast Asia
Supervisory team	Robin Bailey (LSHTM) Chris Parry (Liverpool School of Tropical Medicine) Koya Ariyoshi (Nagasaki)
Brief description of project / theme	We have previously conducted prospective studies of patients with non-malarial fever attending two infectious disease wards in southeast Asia: Bac Mai Hospital in Hanoi, north Vietnam and San Lazaro Hospital, Manila, the Philippines. Consequently, thousands of clinical samples with detailed patient information have been stored, providing tremendous opportunities to study the aetiology of non-malarial fever in these locations. We are particularly interested in identifying new biomarkers, or a combination of those, which can identify cases requiring specific treatment, such as antimicrobials, with a high sensitivity and specificity. The theme is to bring innovation into the clinical management of non-malarial fever in southeast Asia.
Particular <i>prior</i> educational requirements for a student undertaking this project	Experience of clinical infectious diseases and basic skills in epidemiology should be required. Some molecular laboratory experience is preferable.
Skills we expect a student to develop/acquire whilst pursuing this project	Field epidemiology, data management and statistical analysis. Molecular laboratory experimental skills.