

## List of Medical Research Projects in Papua New Guinea

### Approved or Noted

#### By the Medical Research Advisory Committee in 2012

National Integrated Bio-Behavioral Survey (IBBS) in Papua New Guinea

Dr Guy Morineau and Dr Sibauk Bieb (Surveillance and Research Advisor, Asia-Pacific Regional Office, 19th Floor, Tower 3, Sindhorn Building, 130-132 Wireless Road, Kwaeng Lumpini, Khet Phatumwan, Bangkok 10330, Thailand)

Treatment outcomes of the Rural Initiative Program in Papua New Guinea

Dr Dale Frank (Clinical Director of Rural Programs, Clinton Health Access Initiative, PO Box 432, Mount Hagen, Western Highlands Province 281, Papua New Guinea)

Malaria parasite populations and outbreaks in PNG [Stage 1]

Dr Inoni Betuela and Dr Manuel Hetzel (Papua New Guinea Institute of Medical Research, PO Box 60, Goroka, Eastern Highlands Province 441, Papua New Guinea)

Influence of social capital on community-based health programs in rural Papua New Guinea: an ethnographic study

Ms Carol Bett (2108 W. Pretty Prairie Road, Langdon, Kansas 67583, United States of America)

Host range and preference among members of the *Anopheles punctulatus* species complex in Papua New Guinea

Dr Lisa Reimer, Dr Edward Walker and Mr Bosco Keven (Papua New Guinea Institute of Medical Research, PO Box 378, Madang, Madang Province 511, Papua New Guinea)

The epidemiology of *Plasmodium* spp. transmission in Papua New Guinea

Prof. Peter Siba, Dr Inoni Betuela, Dr Lisa Reimer, Dr Leanne Robinson, Dr Alyssa Barry, Dr Nigel Beebe, Dr Ingrid Felger and Dr Ivo Mueller (Papua New Guinea Institute of Medical Research, PO Box 378, Madang, Madang Province 511, Papua New Guinea)

LNG PNG Partnership in Health Project (MRAC 10.17): Sub-study: Maternal health and child health in 4 sites in PNG: a quantitative and qualitative survey

Ms Lisa Valley (Papua New Guinea Institute of Medical Research, PO Box 60, Goroka, Eastern Highlands Province 441, Papua New Guinea)

Evaluation and characterization of glucose-6-phosphate dehydrogenase (G6PD) deficiency in Papua New Guinea

Dr Manuel Hetzel, Dr Ivo Mueller and Prof. Peter Siba (Papua New Guinea Institute of Medical Research, PO Box 60, Goroka, Eastern Highlands Province 441, Papua New Guinea)

Investigation into febrile, diarrhoeal and acute lower respiratory illness in Papua New Guinea

Dr Paul Horwood and Dr Andrew Greenhill (Papua New Guinea Institute of Medical Research, PO Box 60, Goroka, Eastern Highlands Province 441, Papua New Guinea)

Qualitative longitudinal study to investigate construction of masculinity, sexuality and agency among male youth in Papua New Guinea

Dr Andrew Valley, Dr Angela Kelly, Dr Lisa Fitzgerald, Prof. Maxine Whittaker, Prof. Peter Siba and Prof. John Kaldor (Papua New Guinea Institute of Medical Research, PO Box 60, Goroka, Eastern Highlands Province 441, Papua New Guinea)

Socio-demographic public health and biomedical survey in Morobe Province

Dr Michael Edward Hohnen (C/- JTA International, Gateway Hotel, PO Box 735, Waigani, National Capital District 131, Papua New Guinea)

Investigation into other causes of fever apart from malaria and typhoid fever from

patients with clinical suspicion of typhoid fever

Mr Valentine Siba (Papua New Guinea Institute of Medical Research, PO Box 60, Goroka, Eastern Highlands Province 441, Papua New Guinea)

A comparison of serotypes of carriage and disease isolates of *S. pneumoniae* in sick and healthy children in the highlands of Papua New Guinea

Ms Celestine Aho (Papua New Guinea Institute of Medical Research, PO Box 60, Goroka, Eastern Highlands Province 441, Papua New Guinea)

HIV risk, drugs and prisons: a rapid assessment of HIV-related risk associated with drug and alcohol use and risk in correctional settings

Dr Angela Kelly (Papua New Guinea Institute of Medical Research, PO Box 60, Goroka, Eastern Highlands Province 441, Papua New Guinea)

A qualitative inquiry into the application and ethics of verbal autopsies in Papua New Guinea

Dr Hebe Gouda (Papua New Guinea Institute of Medical Research, PO Box 60, Goroka, Eastern Highlands Province 441, Papua New Guinea)

Determining the contribution of bacterial vaginosis and *Candida albicans* to vaginal discharge syndrome and vulval irritation in PNG women attending a sexual health clinic in Goroka

Ms Nola N'Drewei (Papua New Guinea Institute of Medical Research, PO Box 60, Goroka, Eastern Highlands Province 441, Papua New Guinea)

Rates of knock down resistance to pyrethroid insecticides in natural populations of *Anopheles punctulatus* group (Diptera: Culicidae) in areas of heavy insecticidal usage with two different modes of delivery in Papua New Guinea

Ms Michelle Katusele (Papua New Guinea Institute of Medical Research, PO Box 378, Madang, Madang Province 511, Papua New Guinea)

Improving health worker adherence to malarial treatment guidelines in Papua New Guinea: pilot study to assess the feasibility and acceptability of a text message support services

Dr Justin Pulford (Papua New Guinea Institute of Medical Research, PO Box 60, Goroka, Eastern Highlands Province 441, Papua New Guinea)

The health of prisoners study: a longitudinal clinical cohort study to investigate the prevalence and risk factors associated with HIV, sexually transmitted infections, tuberculosis and blood borne viruses in prison populations in Papua New Guinea

Dr Andrew Vallely (Papua New Guinea Institute of Medical Research, PO Box 60, Goroka, Eastern Highlands Province 441, Papua New Guinea)

Mobile men with money: a qualitative study to examine the role of mining development on sexual health risks amongst landowners, their sexual partners and others affected by resource extraction development, in order to improve the health outcomes of Papua New Guineans

Dr Angela Kelly (Papua New Guinea Institute of Medical Research, PO Box 60, Goroka, Eastern Highlands Province 441, Papua New Guinea)

The prevalence and mechanisms of gonococcal resistance to antimicrobial compounds in Papua New Guinea

Dr Johanna Wapling (Papua New Guinea Institute of Medical Research, PO Box 60, Goroka, Eastern Highlands Province 441, Papua New Guinea)

Cellular immunity to *Plasmodium vivax* and *Plasmodium falciparum* in early childhood

Dr Inoni Betuela (Papua New Guinea Institute of Medical Research, PO Box 378, Madang, Madang Province 511, Papua New Guinea)

Discovery of novel *Plasmodium falciparum* and *Plasmodium vivax* antigens for 2nd generation vaccines and surveillance of malaria control activities

Dr Inoni Betuela (Papua New Guinea Institute of Medical Research, PO Box 378, Madang, Madang Province 511, Papua New Guinea)

The aetiology and epidemiology of febrile illness in early childhood in Papua New Guinea

Dr Inoni Betuela (Papua New Guinea Institute of Medical Research, PO Box 378, Madang, Madang Province 511, Papua New Guinea)

Guinea)

Immuno-histological correlates of protection from HIV transmission by male circumcision and other forms of penile cuttings

Dr Andrew Vallely (Papua New Guinea Institute of Medical Research, PO Box 60, Goroka, Eastern Highlands Province 441, Papua New Guinea)

Note:

These projects have been examined and

cleared by the MRAC but they have not all started, nor is there any guarantee that they all will, since in many cases this still depends on funding. It should be noted that the project funds for the MRAC were deleted from the Health Budget from 1997 to 2012.

Information about these projects may be obtained from the investigators or from the Chairperson of the Medical Research Advisory Committee (Director of Research and Monitoring, Department of Health, PO Box 807, Waigani, NCD 131).