

List of Medical Research Projects in Papua New Guinea

Approved or Noted

By the Medical Research Advisory Committee in 2001

The Papua New Guinea household and community practices survey (HCPS)

Dr Charles S. Mgone and the HCPS team (Papua New Guinea Institute of Medical Research, PO Box 60, Goroka, EHP 441, Papua New Guinea)

The use of traditional and other community leaders in community based HIV/AIDS and STI prevention programs in Trobriand Islands and Karkar Island

Dr Charles S. Mgone, Mr Ghang Oyang, Mr William Yeka and Mr Joe Anang (Papua New Guinea Institute of Medical Research, PO Box 60, Goroka, EHP 441, Papua New Guinea)

Comparison of the residual insecticide effect, costs and feasibility of manually treated and permanently treated mosquito nets in a highlands area in Papua New Guinea

Mr Leo S. Makita, Dr Moses Bockarie and Dr Ivo Mueller (Malaria Surveillance and Control Unit, Department of Health, PO Box 778, Goroka, EHP 441, Papua New Guinea)

Urbanization and cardiovascular disease in Papua New Guinea: the Trobriand migrant study

Dr Staffan Lindeberg, Mr Christian Anker-Hansen, Dr Lennart Råstam, Prof. Isi Kevau and Dr Linus Digim'Rina (Department of Community Medicine, Lund University, S-205 Malmö, Sweden)

The use of transfected malaria parasites to address functional and immunological aspects of malaria vaccine candidate antigens

Dr Brendan Crabb, Dr Alan Cowman and Dr John C. Reeder (Division of Infection and Immunity, The Walter and Eliza Hall Institute of Medical Research, PO The Royal Melbourne Hospital, Victoria 3050, Australia)

Early growth stunting, malnutrition and infection in young Bundi children, Papua New Guinea

Dr Stanley Ulijaszek, Dr Tukutau Taufa and

Dr Peter Lunn (University of Oxford, Institute of Biological Anthropology, 58 Banbury Road, Oxford OX2 6Q5, United Kingdom)

Complement receptor 1 (CR1) polymorphisms and susceptibility to malaria in Papua New Guinea

Dr J. Alexandra Rowe, Dr John C. Reeder, Dr Joann M. Moulds and Mr Ian Cockburn (Institute of Cell, Animal and Population Biology, University of Edinburgh, West Mains Rd, Edinburgh EH9 3JT, United Kingdom)

Relationship of glyophorin C exon 3 deletion, ovalocytosis and susceptibility to severe malaria

Dr Sheral S. Patel, Prof. James Kazura, Dr Peter A. Zimmerman, Dr Charles S. Mgone and Dr Ilomo Hwaihwanje (Division of Geographical Medicine, Case Western Reserve University School of Medicine, 2109 Adelbert Road, Cleveland, OH 44106, USA)

The epidemiology of snakebites in remote rural southern Papua

Mr David J. Williams (School of Public Health and Tropical Medicine, James Cook University, Townsville, Queensland 4811, Australia)

An exploratory study of mental health problems and treatment in Papua New Guinea

Ms Betty Etami Koka (Graduate School of Public Health, University of Wollongong, New South Wales 2500, Australia)

Documentary film on kuru

Mr Ben Alpers, Mr Rob Bygott, Dr Michael P. Alpers and Mr James Alpers (26 Nicholas Crescent, Hilton, Western Australia 6163, Australia)

Medical field survey in Lake Kapiago and Oksapmin Districts, Papua New Guinea

Dr Tukutau Taufa, Dr Amos Benjamin, Dr Paul Spicer and Dr Jethro Usurup (Department of Community Medicine, Faculty of Medicine,

University of Papua New Guinea, PO Box 5623, Boroko, NCD 111, Papua New Guinea)

Development of immunity to malaria during pregnancy

Dr James Beeson, Dr Stephen Rogerson, Mr Greg Kelly, Mr Tim Byrne, Prof. Graham Brown, Dr John Reeder and Dr Alfred Cortés (Department of Medicine, University of Melbourne, Royal Melbourne Hospital, Parkville, Victoria 3050, Australia)

Determination of village birth attendants' performance in Huon District

Ms Elizabeth Maulingin (District Health Manager, PO Box 485, Lae, Morobe Province 411, Papua New Guinea)

Type 2 diabetes in children and adolescents in the Wanigelan Koki community of Port Moresby, Papua New Guinea

Dr Graham Ogle, Mr Michael Gwalimu, Prof. Paul Zimmet, Dr Jonathan Shaw, Dr James Amin, Ms Jessica Lesley, Prof. John Vince and Dr Ashim Sinha (Regional Director (South Pacific), HOPE *worldwide* (Australia), 32 Dean St, West Pennant Hills, New South Wales 2125, Australia)

A survey of malaria epidemiology, glucose 6-phosphate dehydrogenase deficiency, ovalocytosis, proguanil genotypes and immunogenetics in East Sepik of Papua New Guinea

Dr Francis Hombhanje, Dr Akira Koneko, Dr Andrew Masta, Prof. Mathias Sapuri, Dr John Sairere, Dr Evelyn Lavu, Dr Naomi Hehonah, Dr Takahiro Tsukahara, Dr Jeffrey Kajiro Lum, Dr Ilomo Hwaihwanje, Mr Yalaset, Mr Simon Wangama and Mr Francis Ajan (School of Medicine and Health Sciences, Division of Medical and Laboratory Sciences, University of Papua New Guinea, PO Box 5623, Boroko, NCD 111, Papua New Guinea)

Pilot study on the assessment of true parasitological incidence of malaria and the validity, reliability and feasibility of clinical diagnosis, rapid immunochromatographic (ICT) and Optimal dipstick and Parasight-F test in comparison with microscopy in the diagnosis of malaria in Papua New Guinea

Dr James Wangi, Dr Vella Bagita, Dr Peter Asuo, Dr Thomas Kubu, Mr Peter Bire, Dr

David Linge, Dr Gagina Babona and Dr Chris Marjen (Epidemiologist and Principal Technical Advisor, Disease Control, Papua New Guinea Department of Health, PO Box 807, Waigani, NCD 111, Papua New Guinea)

Syphilis and human immunodeficiency virus prevalence among antenatal patients attending Modilon Hospital in Madang, Papua New Guinea

Ms Ruth Eagles, Dr Sue Crockett and Dr Michael Toole (2/37 Lang St, South Yarra, Victoria 3141, Australia)

Presentation, treatment and outcome for the sick young infants at primary health centres, and evaluation of a checklist for the young infant primary care in Papua New Guinea

Dr Trevor Duke, Mr Enoch Posanai, Dr Job Hawap, Dr David Mokela, Dr Mbumo Kiromat, Prof. John Vince, Dr Paulus Ripa, Ms Olive Oa, Mr John Taime, Mr Lawrence Rare, Mr Manasseh Baea, Dr Ilomo Hwaihwanje, Dr Alphonse Rongap, Ms Rose Homiehombombo, Ms Cathy Makamet, Ms Veronica Yawi, Mr Lawrence Yabok, Mr Ben Haili, Mr Ken Wai, Ms Tonke Kazario, Mr Michael Muri, Mr Korito Homonas, Ms Kamawa Onio, Dr Jonah Kurubi, Dr Joyce Mgone, Dr Gilchrist Oswyn, Sr Alice Kauba, Dr John Reeder, Dr Hanny Friesen and Mr Chris Morgan (Centre for International Child Health, Department of Paediatrics, University of Melbourne, Royal Children's Hospital, Parkville, Victoria 3052, Australia)

A study to evaluate the ongoing high reporting of pigbel in the highlands of Papua New Guinea

Dr Trevor Duke, Dr Harry Poka and Mr Enoch Posanai (Centre for International Child Health, Department of Paediatrics, University of Melbourne, Royal Children's Hospital, Parkville, Victoria 3052, Australia)

Validation of a rapid test for syphilis for use in routine maternal care in health centres in Papua New Guinea

Dr Trevor Duke, Dr William Waro, Dr Glen Mola, Dr Paulus Ripa and Mr Enoch Posanai (Centre for International Child Health, Department of Paediatrics, University of Melbourne, Royal Children's Hospital, Parkville, Victoria 3052, Australia)

The relationship between T-cell antigen receptor variable region (TCRBV) genes and *Plasmodium vivax* in Papua New Guinea

Prof. Arthur W. Boylston, Dr Charles S. Mgone, Dr Jehan Shefta and Dr John Reeder (Molecular Medicine Unit, Level 6, Clinical Sciences Building, St James University Hospital, Leeds, LS9 7TF, United Kingdom)

Red cell polymorphisms and malaria in Papua New Guinea

Dr Sheral S. Patel, Prof. James W. Kazura, Dr Peter A. Zimmerman and Dr Charles S. Mgone (Pediatric Infectious Diseases Fellow, Division of Geographic Medicine, School of Medicine W123, Case Western Reserve University, 2109 Adelbert Rd, Cleveland, OH 44106-4983, USA)

Research for the elimination of human filariasis

Dr Gary J. Weil, Dr Moses Bockarie, Prof James W. Kazura, Dr Elizabeth Higgs, Dr William Shannon and Dr Samuel Stanley (Infectious Diseases Division, Barnes-Jewish Hospital, 216S Kingshighway, St Louis, MO 63110, USA)

A pilot study to determine the prevalence of disability, causes of disability, needs of the disabled and cultural attitudes and perceptions

towards disability in the Middle Ramu area of Madang Province, Papua New Guinea

Ms Nina Veenstra (VSO Physiotherapist, Madang General Hospital, PO Box 2030, Madang, Madang Province 511, Papua New Guinea)

The impact of an intervention program in the prescribing of malaria drug treatment in children in Papua New Guinea

Mr Isaac B. Joshua (Unit 15, 76 King George Street, Victoria Park, Western Australia 6100, Australia)

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 2001.

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)