

## List of Medical Research Projects in Papua New Guinea

### Approved or Noted

#### By the Medical Research Advisory Committee in 1996

Field study on the effect of mouthrinse containing *Psidium guajava* leaf extract on gingivitis in primary school students living in rural areas in Central Province, Papua New Guinea

Dr S.L. Perera (Department of Dentistry, Faculty of Health Sciences, University of Papua New Guinea, PO Box 1034, Boroko, NCD 111)

Poverty, nutrition and health care in Papua New Guinea: a case study in four communities

Dr Carol Jenkins (Papua New Guinea Institute of Medical Research, PO Box 60, Goroka, EHP 441)

Study of the seroprevalence of *Helicobacter pylori* in Papua New Guinean children

Dr P.K. Kundu, Dr J. Roy, Dr B.O. Ogunbanjo, Dr K. Nemba and Prof. J.D. Igo (Department of Medical Laboratory Sciences, Faculty of Health Sciences, University of Papua New Guinea, PO Box 1034, Boroko, NCD 111)

The epidemiology of congenital heart diseases in Papua New Guinea and the impact of surgery on the survival of Papua New Guinean children with congenital heart diseases

Dr Nakapi Tefuarani, Dr Gail Williams, Dr Adrian Sleight, Prof. John Vince and Dr Richard Hawker (Division of Paediatrics, Department of Clinical Sciences, Faculty of Medicine, University of Papua New Guinea, PO Box 5623, Boroko, NCD 111)

Documentation and phytochemical screening of traditional medicinal preparations and plants of Papua New Guinea

Dr P.P. Rai, Dr P.G. Kigodi, Dr J.A.K. Lauwo and Dr T. Rali (Department of Pharmacy, Faculty of Health Sciences, University of Papua New Guinea, PO Box 1034, Boroko, NCD 111)

Double-blind, randomised, placebo-

controlled, single-centre study to test the safety and immunogenicity of three malaria vaccine candidate antigens (Ro 45-2067, Ro 46-2924 and Ro 45-2164) in semi-immune Papua New Guinean children aged 5-<10 years

Dr Michael Alpers, Dr Blaise Genton and colleagues (Papua New Guinea Institute of Medical Research, PO Box 60, Goroka, EHP 441)

Cytoadherence pattern of ovalocytes

Dr Fadwa Al-Yaman, Dr Blaise Genton, Dr Charles S. Mgone and Dr Michael P. Alpers (Division of Biochemistry and Molecular Biology, Australian National University, GPO Box 4, Canberra, ACT 0200, Australia)

Middle repetitive sequences of the *Plasmodium falciparum* genome: analysis of functional and immunological properties

Dr Hans-Peter Beck and colleagues (Swiss Tropical Institute, Socinstrasse 57, CH-4002 Basel, Switzerland)

Operation Anopheles 1996: an anopheline mosquito survey of the Morobe region of Papua New Guinea, and mosquito repellent trial

Major R.D. Cooper, Major S.P. Frances and colleagues (Army Malaria Research Unit, Liverpool Military Area, NSW 2174, Australia)

An extension to test the effect of a booster dose in a study of the safety, tolerability and immunogenicity of *Haemophilus influenzae* type b polysaccharide-tetanus toxoid conjugate vaccines (PRP-T) given with diphtheria-pertussis-tetanus vaccine (DPT) to young Papua New Guinean children

Dr Deborah Lehmann and Mr Mexy Kakazo (Papua New Guinea Institute of Medical Research, PO Box 60, Goroka, EHP 441)

Origins and histories of Papuan-speaking populations on the island of New Guinea: a genetic investigation

Dr R.D. Attenborough and Dr S. Easta

(Department of Archaeology and Anthropology, Australian National University, GPO Box 4, Canberra, ACT 0200, Australia)

Going home: return migration and local development among the Irakia Awa, Eastern Highlands Province, Papua New Guinea

Dr David J. Boyd (Department of Anthropology, University of California, Davis, CA 95616, USA)

Japanese encephalitis virus in Papua New Guinea and the Torres Strait: a risk assessment

Prof. J.S. Mackenzie, Dr S. Ritchie, Dr J. Hanna and Ms D. Phillips (Department of Microbiology, University of Queensland, St Lucia, Qld 4072, Australia)

Laboratory surveillance of enteroviruses isolated from patients with aseptic meningitis and other acute diseases of the nervous system in Goroka Hospital

Dr Barry Combs, Mr Steven Tiwara and Mr Sauli Bebes (Papua New Guinea Institute of Medical Research, PO Box 60, Goroka, EHP 441)

Epidemiology of human papilloma virus in cervical and oral cancers in Papua New Guinea

Dr Charles S. Mgone, Assoc. Prof. S.K. SenGupta, Prof. C. Ekwempu, Mr Neal Alexander, Dr Jacob Morewa, Dr Leonard Kaupa and Dr Michael P. Alpers (Papua New Guinea Institute of Medical Research, PO Box 60, Goroka, EHP 441)

Study of filarial antibody subclasses in Waiwoi Falls, Papua New Guinea

Mr Wayne Melrose, Dr Paul Turner, Dr Mark Taylor and Dr Kath Taylor (Department of Public Health and Tropical Medicine, James Cook University of North Queensland, Townsville, Qld 4811, Australia)

Independent review of riverine impact from Porgera

Dr Tukutau Taufa (Department of Community Medicine, Faculty of Medicine, University of Papua New Guinea, PO Box 5623, Boroko, NCD 111)

Survey to assess the nutritional status and the vitamin A status of children in a rural area in Madang Province

Dr Hanny Friesen and Dr N. Verma

(Division of Paediatrics, Department of Clinical Sciences, Faculty of Medicine, University of Papua New Guinea, PO Box 5623, Boroko, NCD 111)

Medical ecology in a diversified Papua New Guinea environment (Asaro and Gidra populations)

Prof. Ryutaro Ohtsuka and colleagues (Department of Human Ecology, School of International Health, Faculty of Medicine, University of Tokyo, 7-3-1 Hongo, Bunkyo-ku, Tokyo 113, Japan)

Investigations of HIV infection among tuberculosis and STD patients in the National Capital District of Papua New Guinea

Dr Tomkin Tabua (Port Moresby General Hospital, Free Mail Bag, Boroko, NCD 111)

Japanese encephalitis virus antibodies in Papua New Guinea sera

Assoc. Prof. R. Speare, Dr P. Turner, Dr G. McBride and Prof. I. Wronski (Department of Public Health and Tropical Medicine, James Cook University of North Queensland, Townsville, Qld 4811, Australia)

HIV testing of blood samples: anonymous sentinel surveillance in the East Sepik

Dr Carol Jenkins and Mr Tony Lupiwa (Papua New Guinea Institute of Medical Research, PO Box 60, Goroka, EHP 441)

AIDS prevention through peer education in the Eastern Highlands Province

Action for Community Health, under the supervision of Dr Carol Jenkins (PO Box 7981, Boroko, NCD 111)

Collaborative research project on kuru

Prof. John Collinge (Neurogenetics Unit, Imperial College School of Medicine at St Mary's, London W2 1PG, England, UK)

HIV testing of serum samples from the STD study in the Asaro Valley

Dr Megan Passey, Mr Tony Lupiwa, Mr Steven Tiwara and Ms Sebeya Lupiwa (Papua New Guinea Institute of Medical Research, PO Box 60, Goroka, EHP 441)

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 some discretionary funds were allocated to the MRAC within the Health

Budget for project support in 1995 and 1996.

Information about these projects may be obtained from the investigators or from the Chairman of the Medical Research Advisory Committee (Division of Policy, Planning and Evaluation, Department of Health, PO Box 807, Waigani, NCD 131).