New Australian-led malaria research powerhouse gears up to hunt down malaria across the Asia-Pacific

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Australia will take a leadership role in the Asia-Pacific region in a new initiative to help our nearest neighbours rid the scourge of malaria, in a new National Health and Medical Research Council (NHMRC) Centre for Research Excellence in Malaria Elimination.

Announced today by the Federal Health Minister, the Hon Greg Hunt MP, the Centre will accelerate new drugs to treat malaria and train the next generation of experts in Australia and overseas.

The $2.5 million Centre, based at the Peter Doherty Institute for Infection and Immunity, will include researchers from the Darwin-based, Menzies School of Health Research (Menzies).

The centre will bring together existing research groups across Australia, Myanmar, Papua New Guinea, Malaysia, Indonesia and elsewhere, which are already providing high-level advice to the Bill and Melinda Gates Foundation, World Health Organisation, NIH and the Wellcome Trust.

Head of Menzies’ Global Health division, Professor Nick Anstey, said malaria affects more than 200 million people worldwide.

“This is a critical moment in research on malaria: nearly half the world’s population is at risk of infection, and more than 70 per cent of malaria deaths are of children aged under five.

“All the countries in our region have committed to eliminating malaria by 2030, and this centre will be developing the tools, tests and treatments we need to achieve this goal, with a focus on ideas that can be quickly tested where they are needed the most.”

Menzies’ Professor Ric Price, a chief investigator in the Centre, said priorities would include developing better tests and drugs, and understanding more about drug resistant parasites.

“A major challenge in malaria is that we don’t have good information about who has it, because the existing tests are cumbersome and expensive, so one priority is to develop simple, accurate tests that can be used in villages,” Prof Price said.

“In Southeast Asia, our frontline antimalarial drugs are losing their effectiveness, with devastating consequences for local people, especially children under five, travellers, and armed forces personnel.”

University of Melbourne Professor Stephen Rogerson at the Doherty Institute – who will lead the centre and is one of the 10 chief investigators, said the announcement of the Centre was critical to tackling the challenges of disease elimination.

“The Centre will bring together many of Australia’s leading malaria researchers, as well as industry partners such as CSIRO, and train up a new generation of experts here and
overseas in disease elimination, whose skills will be transferable to other challenges, like HIV, tuberculosis, Zika virus and influenza," Prof Rogerson said.

Chief investigators
Professor Stephen Rogerson
Professor Ric Price
Professor Julie Simpson
Professor Nick Anstey
Dr James Beeson
Professor Archie Clements
Associate Professor Freya Fowkes
Professor James McCarthy
Associate Professor James McCaw
Professor Ivo Mueller

University of Melbourne | Doherty Institute
Menzies School of Health Research, Darwin
University of Melbourne
Menzies School of Health Research, Darwin
Burnet Institute | University of Melbourne
Australian National University
Burnet Institute
QIMR Berghofer
University of Melbourne
Walter and Eliza Hall Institute

Associate investigators
Associate Professor Alyssa Barry
Jeanne Poespoprodjo
Jonathan (Jack) Richards
Leann Tilley
Leanne Robinson
Moses Laman
Dr Sarah Auburn
Dr Timothy William
Dr Zaw Lin

Walter and Eliza Hall Institute of Medical Research
Indonesia – University of Gadja Mada
Burnet Institute
University of Melbourne | Bio21
WEHI | Burnet | PNG Institute of Medical Research
PNG Institute of Medical Research
Menzies School of Health Research, Darwin
Queen Elizabeth Hospital, Kota Kinabalu, Malaysia
Department of Public Health, Myanmar

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Media contact:
Paul Dale, senior communications officer
Phone: 0439 108 754 or (08) 8946 8485 | Email: communications@menzies.edu.au

Menzies School of Health Research
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