



# NHMRC e-ASIA 2024 Joint Research Program applications recommended for funding commencing in 2025

## About the Scheme

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The NHMRC e-ASIA Joint Research Program (JRP) supports Australian participation and partnership in international collaborative research through the e-ASIA Joint Research Program.

The objectives of the NHMRC e-ASIA JRP are to develop a vibrant and collaborative research community in science and technology, promote innovation and economic development in the East Asia region.

The intended outcomes of the NHMRC e-ASIA JRP are to:

- encourage sharing of knowledge, expertise and research
- expand the utilisation of research results to enhance evidence-based environmental practice in East Asia and in other parts of the world
- contribute to provision of data-driven and science-based evidence to inform potential interventions, policies and public health changes that may have broad implications in the East Asian region.

The research streams for this funding call were Health Research: Infectious Diseases and Immunology (including Antimicrobial Resistance). and Food and Health: Personalised Nutrition, with funding up to three years.

## List of grants

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The grants listed in the table below have been approved by the Minister for Health and Aged Care, the Hon. Mark Butler MP for funding to commence in 2025.

The grants are listed in application identification number (App ID) order.

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App ID	Chief Investigator Name(s)	Application Title	Administering Institution	Budget (\$)
2035739	CIA - Associate Professor Toni Velkov CIB - Professor Jian Li CIC - Doctor Andrea Kwa CID - Doctor Kotaro Kiga CIE - Associate Professor Gauri Rao	Innovative Bacteriophage-Antibiotic Therapeutics Targeting the Extremely Drug-Resistant 'Superbugs'	Monash University	\$726,837.00
2035876	CIA - Professor Xu-Feng Huang CIB - Doctor Elizabeth Neale CIC - Professor Lei Wang CID - Doctor Yuanyi Xie CIE - Associate Professor Khin Than Win	Personalised model for metabolic syndrome control through enriched fibre intake	University of Wollongong	\$495,547.00
2035885	CIA - Associate Professor Meru Sheel CIB - Doctor Florian Vogt CIC - Professor Edward Mulholland CID - Doctor Lien Anh Ha Do CIE - Professor Allen Cheng CIF - Associate Professor Jane Frawley CIG - Doctor John Hart CIH - Professor Kristine Macartney CII - Associate Professor Ying Zhang CIJ - Professor Andrew Hayen	Collaborative surveillance to prevent measles outbreaks (CoSMO) in Southeast Asia: a model for future pandemics	University of Sydney	\$749,485.00
2035952	CIA - Associate Professor Guangming Jiang CIB - Associate Professor James Trauer CIC - Doctor David Muscatello CID - Professor Martina Sanderson-Smith CIE - Professor Guy Marks	Development of wastewater-based genomic surveillance data platform for the next pandemic preparedness in Indonesia	University of Wollongong	\$731,739.00
2036043	CIA - Doctor Megan Crichton CIB - Associate Professor Skye Marshall CIC - Professor Patsy Yates CID - Associate Professor Kimberly Alexander CIE - Doctor Lucy Leigh	Identifying therapeutically targetable nutritional biochemistry and dietary intake profiles to address nutrition impact symptoms during chemotherapy: An international multisite prospective cohort study	Queensland University of Technology	\$500,000.00



App ID	Chief Investigator Name(s)	Application Title	Administering Institution	Budget (\$)
2036090	CIA - Professor Vitali Sintchenko CIB - Professor Barend Marais CIC - Doctor Xiaomei Zhang CID - Emeritus Professor Warwick Britton CIE - Doctor Matt Johansen CIF - Doctor Eby Sim CIG - Doctor Elena Martinez CIH - Doctor Connie Lam CII - Ms Ellen Donnan	TB-ACQUIRE: Mechanisms and relevance of resistance against novel anti-TB drugs	University of Sydney	\$749,061.68
2036102	CIA - Professor James Beeson CIB - Doctor Daniel Herbert Opi CIC - Doctor Rintis Noviyanti CID - Doctor Ari Winasti Satyagraha CIE - Associate Professor Eizo Takashima CIF - Professor Takafumi Tsuboi CIG - Professor Alyssa Barry CIH - Associate Professor Danny Wilson CII - Doctor Linda Reiling CIJ - Professor Leanne Robinson	Accelerating vaccine development for Plasmodium vivax malaria	Burnet Institute	\$749,646.80
2036198	CIA - Professor Diana Hansen CIB - Professor Wei Shi CIC - Professor Stephen Turner	Systems immunology approaches for the identification of biomarkers of susceptibility and immunity to severe dengue fever	Monash University	\$749,145.00
2036270	CIA - Doctor Kerith Duncanson CIB - Mr Richard Ball	Peer nutrition education for healthy child development	University of Newcastle	\$417,909.40
			<b>TOTAL</b>	<b>\$5,869,370.88</b>