NHMRC-JPIAMR 2024: Interventions Moving forward to Promote ACTion to counteract the emergence and spread of bacterial and fungal resistance and to improve treatments (IMPACT) applications recommended for funding commencing in 2025

About the Scheme

The objectives of the NHMRC-Joint Programming Initiative on Antimicrobial Resistance (JPIAMR) 2024 grant opportunity are:

- to take action against the growing global threat of increasing resistance in pathogenic organisms and the spread of antimicrobial resistance (AMR)
- to fund international collaberative research projects aiming to improve, compare and evaluate the effectiveness, cost effectiveness, and uptake of existing interventions against bacterial or fungal infections and/or to design new intereventions against fungal infections.

The expected outcomes of the NHMRC-JPIAMR 2024 grant opportunity are:

- to create and reinforce the collaboration between research partners coming from different countries and different fields of expertise to promote research on antimicrobial resistance
- to improve, compare and evaluate the efficiency, cost effectiveness and uptake of existing interventions (including treatments and treatment prescription) aiming to control AMR emergence/spread or to reduce mortality caused by AMR in various geographic, cultural and socio-economic settings using One Health implementation strategies.

The NHMRC-JPIAMR 2024 grant opportunity will provide support for Australian participation and collaboration in transnational research projects on the topic of 'Interventions Moving forward to Promote Action to counteract the emergence and spread and transmission of bacterial and fungal resistance and to improve treatments' for a funding period of up to three years.

List of grants

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.

App ID	Chief Investigator Name(s)	Application Title	Administering Institution	Budget ($)
2040624	CIA – Doctor Iain Abbott CIB – Professor Anton Peleg CIC – Associate Professor Cornelia Landersdorfer CID – Doctor Malcolm Starkey CIE – Doctor Fernando Gordillo Altamirano	Phage-Antimicrobial combination Strategies for management of multidrug-resistant E. coli and K. pneumoniae	Monash University	482,530.00
2040627	CIA – Doctor Gerry Tonkin-Hill	Fungal Genomics and Antagonistic Community Interactions	University of Melbourne	752,522.00
2040638	CIA – Associate Professor Boris Novakovic	SHIELDing life: enhancing trained immunity against fungal threats	Murdoch Children's Research Institute	470,051.40
2041493	CIA – Associate Professor Amy Cain	Revitalising the Antifungal Pipeline with Transition Metals	Macquarie University	373,016.00
2042185	CIA – Associate Professor Aaron Elbourne CIB – Doctor Zlatko Kopecki	NanoHeal: Bridging Bench to Bedside for Advanced Nanomaterials in Wound Care and Infection	RMIT University	1,227,865.08
2042438	CIA – Associate Professor Max Cryle	Adapting Versatile Opportunities for Glycopeptide Antibiotics against Drug-Resistant Organisms	Monash University	405,423.00
			TOTAL	3,711,407.48