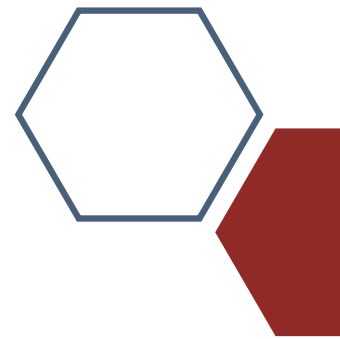


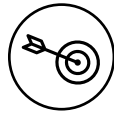


Frontier Health and Medical Research

Medical Research Future Fund
Snapshot 2019–20 to 2020–21



Theme
Researchers



Goal

To create opportunities for researcher collaborations to explore bold and innovative ideas, and make discoveries of great potential and global impact



Budget

\$570 million

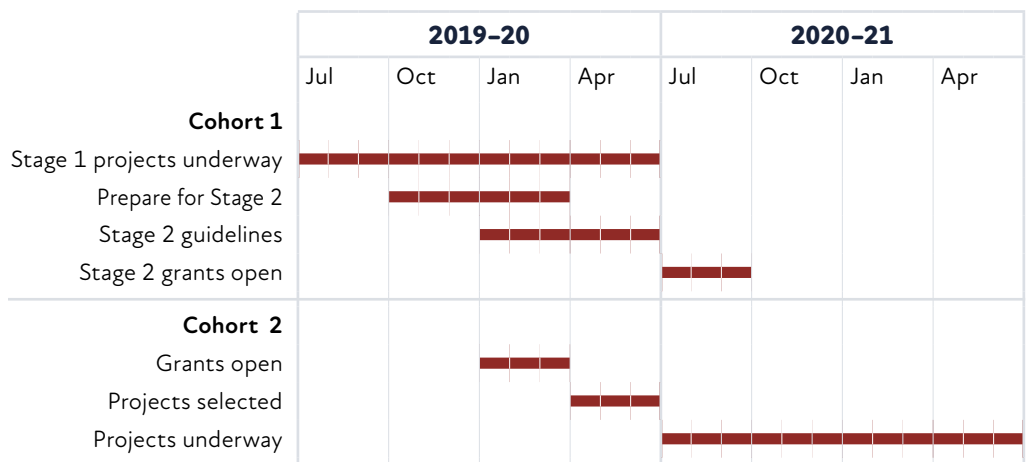
over 10 years

Total Budget allocation
(as at Budget 2019–20)

Total committed = \$9.5 million
Grant rounds in progress = Nil
Not yet allocated = \$560.5 million

	2019–20 (\$m)	2020–21 (\$m)	2021–22 (\$m)	2022–23 (\$m)
Budget	20.0	60.0	70.0	70.0
Committed	9.5	-	-	-
Grant rounds in progress	-	-	-	-
Not yet allocated	10.5	60.0	70.0	70.0

Funding timeline



See GrantConnect for specific grant dates

Grant process: Open and competitive

Early funding priorities

- Enable transformation of care through discovery and innovation

Current or completed activity



10 projects funded under Round 1, Stage 1; \$9.5 million spent to date:

- harnessing next-generation brain imaging technology to diagnose and treat epilepsy (\$1 million)
- developing a new interface between the brain and a machine, to help people regain eyesight, movement or other nerve functions (\$0.9 million)
- developing a national database of antibiotic resistance, to allow resistant strains to be traced, isolated and treated (\$1 million)
- investigating large-scale use of an Australian method for controlling the spread of Zika virus, dengue fever and other mosquito-borne diseases (\$1 million)
- developing new technologies to improve women's sexual and reproductive health (\$0.9 million)
- using 4D diagnostic technology to accurately assess lung function in people of all ages, including the very young and old (\$1 million)
- using the latest genome editing technology to rapidly detect and identify infectious disease and antimicrobial resistance (\$1 million)
- using therapeutic ultrasound to treat brain disorders, including dementia (\$1 million)
- testing a new technology that stimulates the spinal cord to treat cerebral palsy (\$0.7 million)
- developing new technologies to care for people who have had a stroke before they reach hospital (\$1 million)

Delivery horizons

Establish (1 to 3 years)

- Identify viable innovative research programs
- Initiate multidisciplinary partnerships between researchers

Expand (4 to 7 years)

- See real outcomes from innovative research programs
- Identify medical research with potential global impact
- Stimulate new research in existing fields

Embed (8 to 10 years)

- Develop new health and medical technologies
- Establish new research fields
- Bring new technology and innovative treatments into practice

Measures of success

Precision medicine is embedded in clinical practice

The community accepts and adopts new technologies and treatments

Increased focus of research on areas of unmet need

New health technologies and treatments are developed and trialed

Increased commercialisation of health research outcomes

Research community has greater capacity and capability to undertake translational research