

University of Melbourne

40th Anniversary of
Medicare

Future of Health Megatrends

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Research & Development

WHY:



Why we do what we do: R&D

Ellie's Story








THE FUTURE OF HEALTHCARE

WHERE:



The Future of Healthcare: Australian Healthcare Megatrends

		2012/13	2025/26
	Overall Commonwealth Health Budget	\$75BN	\$140BN
	Medicare	\$19BN	\$36BN
	Aged Care	\$13BN	\$35BN
	Hospitals	\$13BN	\$33BN
	Research	\$800M	\$1.8BN

The Future of Healthcare: Global Megatrends

Genomics

- Mackenzie's Mission
- Genomics Mission
- Standard of Care

Stem Cells

- Regenerative Medicine
- Stem Cell Mission

Digital and Preventive

- Telehealth
- Precision Health
- Remote monitoring for eg in aged care

Robotics & Advanced Services

- Surgical Robotics
- AI and predictive analytics
- Crossover devices

Opportunities and Next Steps

HOW:



Opportunities and Next Steps

R&D: Medical Research Future Fund

10-year MRFF plan for new drugs, therapies and treatments: **\$6.3 billion**

4 pillars:



1. Patients

\$1.4B

- \$750 million for clinical trials
 - rare cancers



2. Researchers

\$1.3B



3. Translation

\$2.1B

- National critical infrastructure
- \$650 million over ten years
- mRNA enabler a key priority



4. Missions

\$1.5B

- Genomics and Stem cells