



MONASH  
BIOMEDICINE  
DISCOVERY  
INSTITUTE

# Preferred partner for industry collaboration

[monash.edu/discovery-institute](http://monash.edu/discovery-institute)



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WE HAVE A GREAT STORY TO TELL INDUSTRY, A GROWING PIPELINE OF DISCOVERIES, AND THE RIGHT PEOPLE AND PLATFORMS FOR COLLABORATION.

## AT A GLANCE

### WHO WE ARE

An institute with the scale and scope to tackle major research questions.

We are one of the largest and highest-quality biomedical research institutes in Australia. With more than 120 internationally-renowned research teams, we work with national and international collaborators on global health priorities.

### WHAT WE DO

Discover and innovate to enhance lives.

Our scientists are passionate about discovery research and committed to establishing a culture of excellence and collaboration to enable the most important research questions to be addressed.

With strong international networks and partnerships with researchers, health precincts and industry, together with access to unparalleled, world-leading research infrastructure, our discoveries accelerate the ability to prevent, diagnose and treat disease.

## OUR STRATEGIC PRIORITIES

### DISCOVER

Pursue excellence in discovery research within and across these six global health priority areas:

- Cancer
- Cardiovascular Disease
- Development and Stem Cells
- Infection and Immunity
- Metabolic Disease and Obesity
- Neuroscience

### TRANSLATE

Translate and commercialise our research to impact on health outcomes.

### COLLABORATE AND CONNECT

Collaborate globally to conduct outstanding research.

### DEVELOP OUR PEOPLE

Attract and develop the science leaders of the future in a diverse and supportive environment.

### ENGAGE

Engage with the wider community in all that we do, to inform, influence and advocate.

## FAST FACTS



**700**  
RESEARCHERS



**120+**  
RESEARCH GROUPS



**700+**  
PUBLICATIONS PER YEAR



**\$50m**  
ANNUAL RESEARCH INCOME



**\$14m**  
INDUSTRY FUNDING



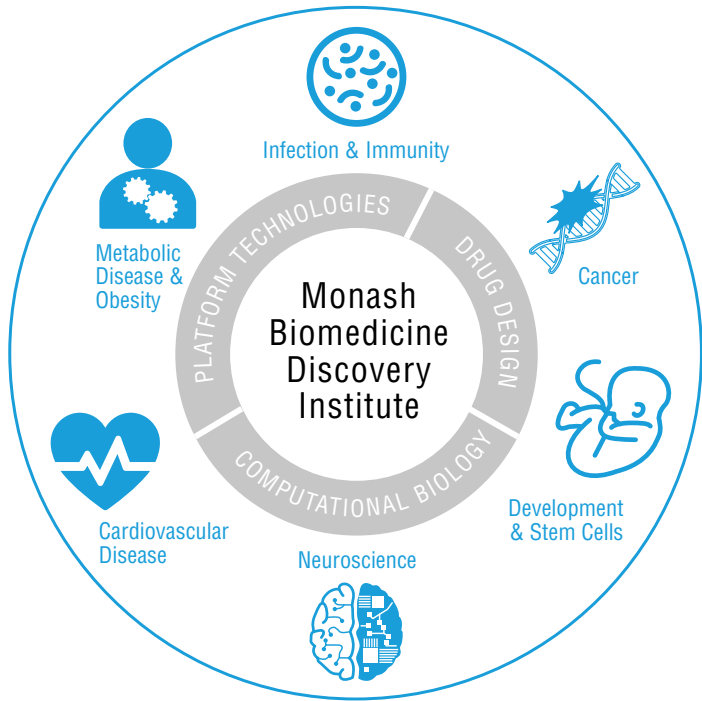
Approximately  
**270**  
PHD STUDENTS



**200+**  
INTERNATIONAL  
RESEARCH COLLABORATORS



**TOP 50**  
TIMES HIGHER EDUCATION  
WORLD RANKING 2015/16



## WE PARTNER WITH INDUSTRY TO MOVE FORWARD, FASTER

Monash University is in pole position to accelerate the commercialisation of our breakthroughs globally. Its long track record of commercialising technology and discoveries to bring new products and services to the market includes the world-famous Monash IVF and flu treatment Relenza™.

At the Monash Biomedicine Discovery Institute, we're working with leading pharmaceutical and biotechnology companies to develop our discoveries, with close to 20 potential therapies in the pipeline.

We want our research to deliver even greater benefits to society and solve unmet medical needs. To that end, we have already partnered some of our most promising research with leading biotechnology companies such as Regeneron, Janssen, Roche, GSK, as well as Pfizer CTI.

Monash's state-of-the-art integrated platform technologies has also attracted local small and medium enterprises, such as Trajan and MiniFab and international corporations like CSL, Tecan, MedImmune and others.

We encourage you to get in touch with us to find out how we can work together.

## OUR COLLABORATION WITH JANSSEN

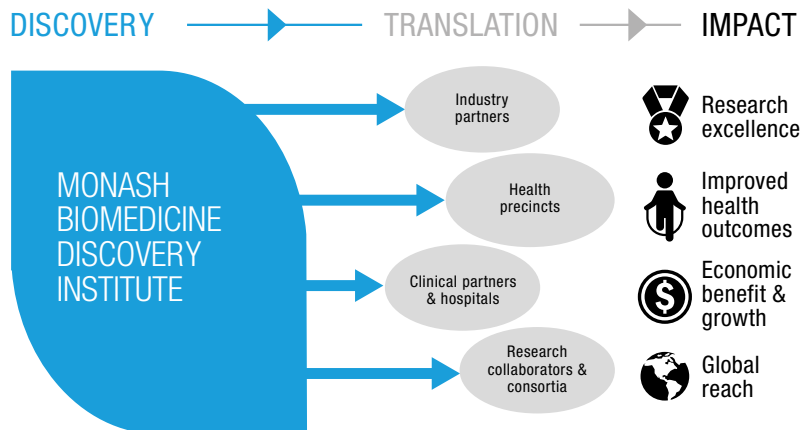
Monash has entered into a multi-year research and commercialisation agreement with Janssen Biotech Inc., one of the Janssen Pharmaceutical companies of Johnson & Johnson, for the early detection and prevention of rheumatoid arthritis.

Rheumatoid arthritis is a debilitating autoimmune disease that affects more than 400,000 Australians and more than 24.5 million people worldwide.

The Monash-based researchers, led by ARC Laureate Fellow Professor Jamie Rossjohn, have been investigating the impact of therapeutics on immune systems affected by rheumatoid arthritis.

Collaborations such as this are accelerated by our proximity to major biomedical research infrastructure such as the Australian Synchrotron, Monash Biomedical Imaging and other research facilities such as CSIRO.





The collaboration between the Monash Biomedicine Discovery Institute and Janssen brings together world-class research excellence and industry expertise to deliver health benefits on a global scale. It is another example of how we are actively engaging with industry in order to translate our world-leading research into a pipeline of medical breakthroughs.





## OUR THERAPEUTIC PIPELINE

Researchers from the Monash Biomedicine Discovery Institute have built a rich pipeline of translatable biomedical discoveries, from novel targets to biologics and drug candidates across a range of therapeutic indications that are available for partnering. Check out our pipeline and replenish yours.

THERAPY AREA	DISCOVERY					
	TARGET ID	TARGET-HIT	LEAD SERIES	LEAD OPTIMISATION	PRECLINICAL	CLINICAL
 <b>CANCER</b>	IL-21 mAb agonist					Solid tumours, lymphoma & chronic viral infections
	ADAM10 mAb					HER-2 positive and chemoresistant cancers
	Adoptive cell therapy/CAR-T			Ex vivo		
	Grb7 inhibitors					Breast, pancreatic and other cancers
	Prostate cancer	CRPC (Androgen-independent target for aggressive prostate cancer)				
 <b>CARDIO-VASCULAR DISEASE</b>	Selective AT2 receptor agonists (peptides)					Range of fibrotic diseases including renal, cardiac, liver and lung
	Novel target (small molecule)					
 <b>INFECTION &amp; IMMUNITY</b>	Antibiotic/anti-sporulation – <i>C. diff</i>					Combination therapy: drug reprofile 505(b)(2) strategy
	Anti-virals (nuclear transport)			Validated screen plus some hits e.g. Dengue, HIV, HepB, RSV		
	Aminopeptidase inhibitors					Antimalarial, antimicrobial and anticancer applications
	MicroCube – bioengineered protein crystals containing antigens					Vaccine platform
 <b>METABOLIC DISEASES &amp; OBESITY</b>	T2DM			Biologic		
	Obesity			Combination therapy		

WE SEEK THE BEST PARTNERS TO ACCELERATE TRANSLATION OF OUR OPPORTUNITIES TO THE MARKETPLACE.

## JOIN US

We're experienced, inventive, energetic and we're looking for partners. Through active industry partnerships, we can deliver health and economic benefits on a global scale.

We look forward to working with you as a partner to turn our research discoveries into the next generation of therapeutics, diagnostics and devices.

Get in touch to find out how we can work together.

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