

END OF YEAR CELEBRATION

PROFESSOR JOHN CARROLL

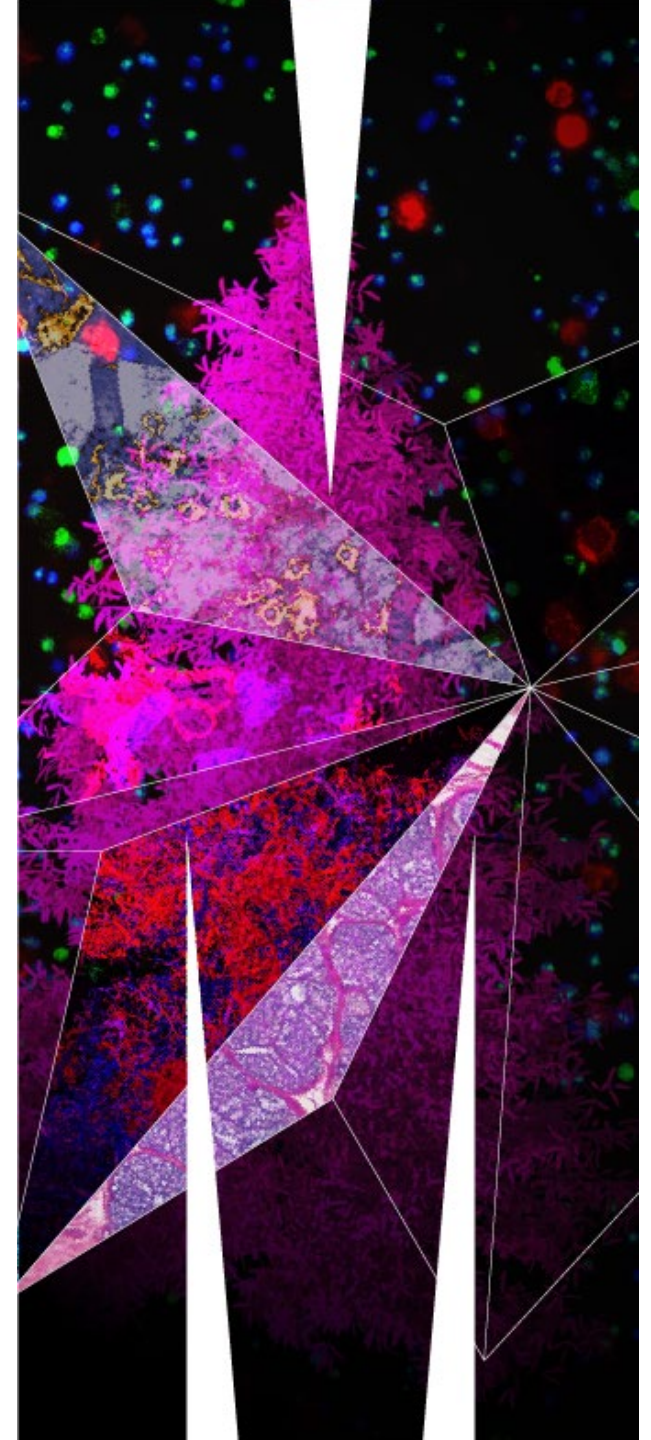
Wednesday 13 December 2023

 monash.edu/discovery-institute

 [@MonashBDI](https://twitter.com/MonashBDI)

 [@MonashBDI](https://www.facebook.com/MonashBDI)

 bdi-research@monash.edu
bdi-news@monash.edu



I wish to acknowledge the people of the Kulin Nations, on whose land we are gathered today. I pay my respects to their Elders, past, present and emerging, and Elders from other communities who may be here today.

ELIZABETH DAVIS FELLOWSHIP



Prof Clare Guiding



A/Prof Bryan Dewsbury



Prof Elizabeth (Liz) Davis



2023 Elizabeth Davis Lecture is on tomorrow!

Scan QR code now to register via Eventbrite

- 4 – 6pm in South One Lecture Theatre
- A/Prof Bryan Dewsbury (Florida International University)
- *Beyond inclusion - what higher education has to offer a socially just world*

EDUCATION HIGHLIGHTS



Faculty Medicine, Nursing and Health Science Prize night



Igor Subasic de Azevedo
Bachelor of Biomedical Science
Liz Davis Biomedical Student Citizenship Prize

Bachelor of Biomedical Science Awards

- Year 1 Faculty Prize: Emmanuel Peiter Kyriazis and Linda Chen
- Year 2 Faculty Prize: Anthony Huu Tuong Nguyen and Lucas Heider
- Year 3 Faculty Prize: David Paul Fullarton, Justin Gerber and Reet Ashish Bhandari
- Hatem Salem Award for Human Pathology: Emma Kiley
- Ritchie Centre Prize for BME3082: Sahana Sughesh



Emmanuel Peiter Kyriazis



David Paul Fullarton



Justin Gerber

Vice-Chancellor's Awards, Excellence in Education



Physiology Virtual Laboratory Team
Innovation in Learning and Teaching (Team) Award

Dean's Awards, Excellence in Education



Dr Georgina Stephens
Innovation in Learning and Teaching



A/Prof Craig Harrison and Dr Michael Leung
Teaching Excellence (Team)



Physiology Virtual Laboratory Team
Innovation in Learning and Teaching (Team)

2023 Monash Green Impact Program Awards



BLTB Green Impact Team took out three Awards

Overall Winner
Lab Team Winner
Diamond Award

Team members: Dr Ann Bohte, Ann-Maree Jefferis, Dr Anita Barry, Mark Jones, Leanne Sultana, Chris Bramich, Robyn Batch

EDUCATION: SUPPORTING OUR STUDENTS



Open Day

EDUCATION: SUPPORTING OUR STUDENTS



SPRINT 2023



Orientation and transition

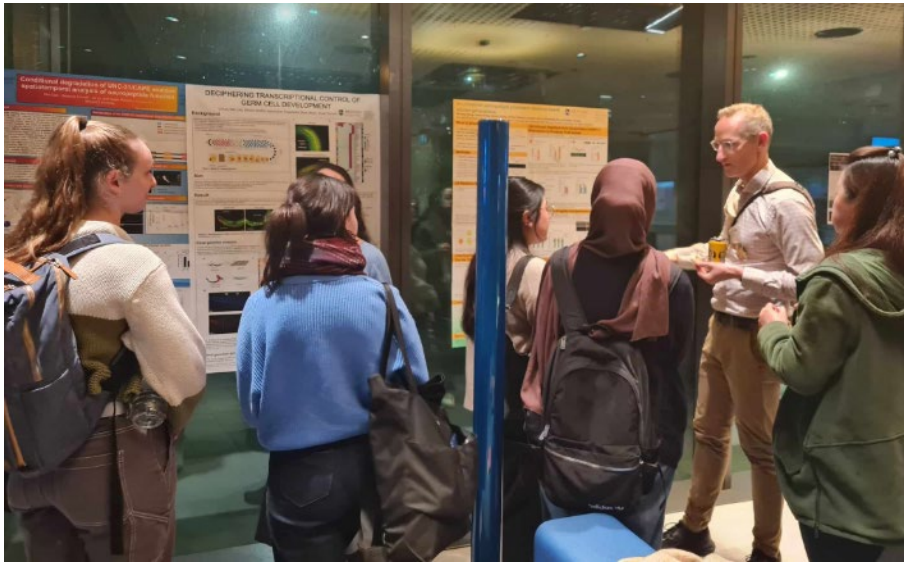


From Biomed to Med

EDUCATION: SUPPORTING OUR STUDENTS



Victorian Heart Hospital Tour



Undergraduate Research Week



Let's Talk BS Podcast

EDUCATION: SUPPORTING OUR STUDENTS



The Biomedicine Peer Mentoring team



End of course celebrations



Biomed Industry night



BDI Research Retreat



Global Change Program Symposium



91% of the global population are exposed to dangerous air pollution



Climate and air pollution are the largest future risks to human health



200+ world-leading researchers developing solutions



40+ MBDI laboratories research a wide range of key diseases

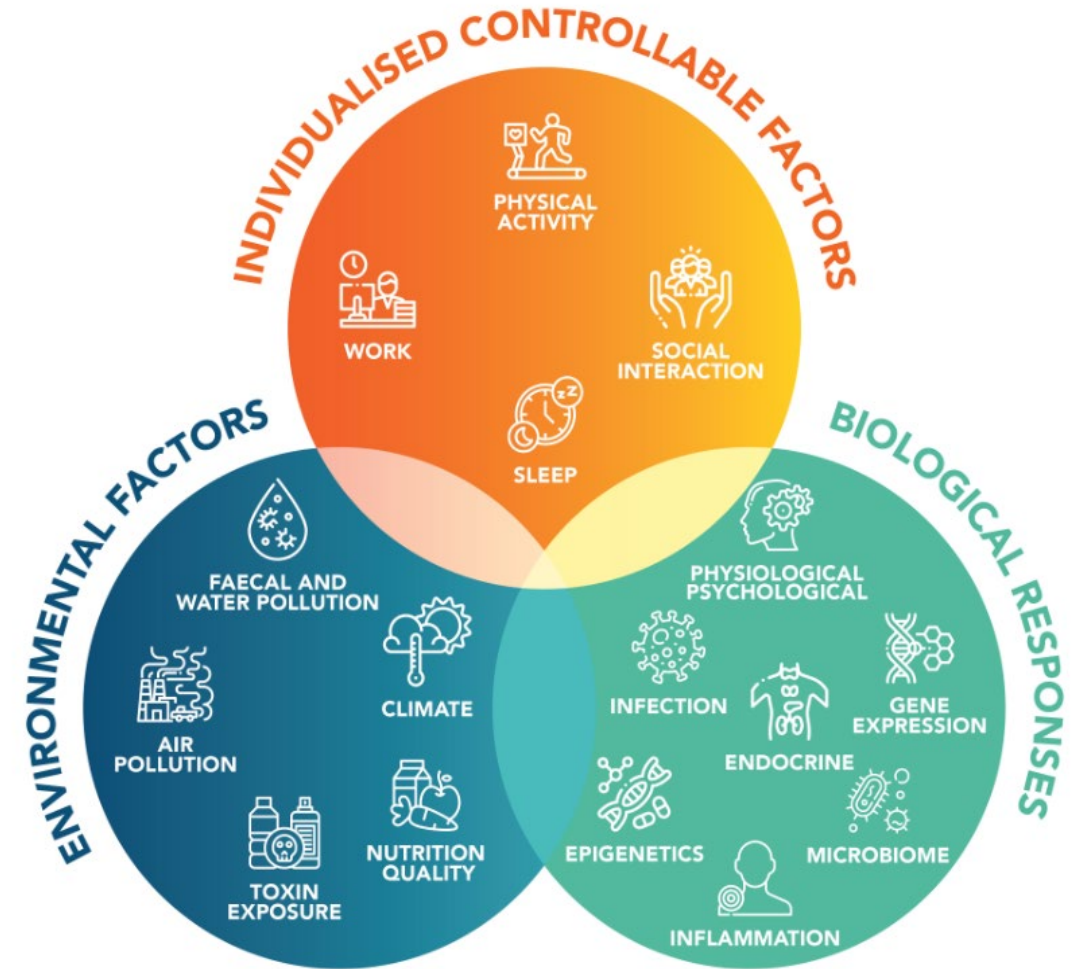
Providing clean water and sanitation

Mitigating and adapting to climate change

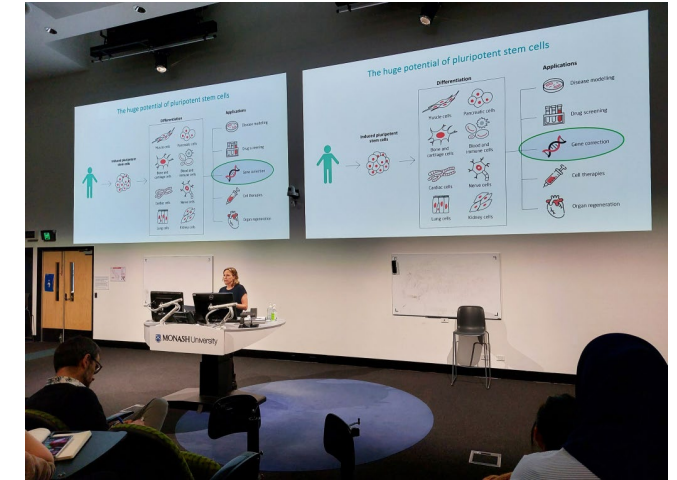
Reducing air pollution

Benefiting from biodiversity

Improving food security



Emerging Technologies in Organoid Research Symposium



DISTINGUISHED ACHIEVEMENTS



Emeritus Professor Warwick Anderson
*Awarded an Officer (AO) in the General Division
of the Order of Australia*

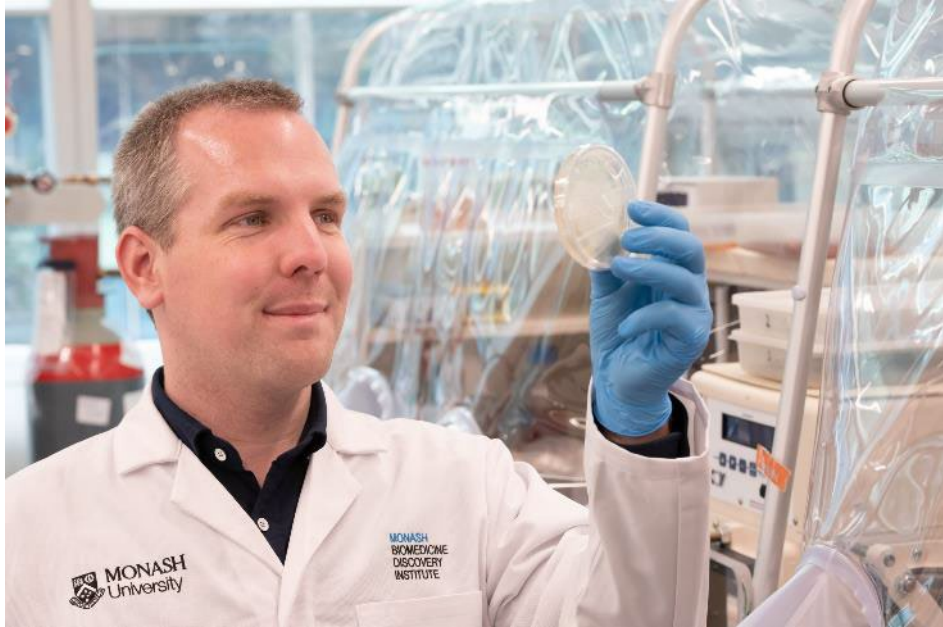


Professor Gail Risbridger
*Awarded a Member (AM) in the General Division
of the Order of Australia*



Emeritus Professor Paul McMenemy
*Awarded a Member (AM) in the General Division
of the Order of Australia*

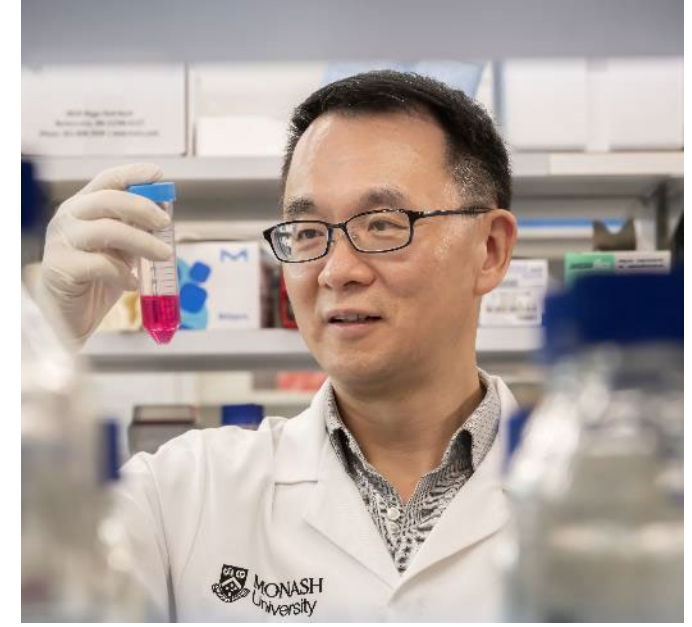
DISTINGUISHED ACHIEVEMENTS



Professor Chris Greening
*Awarded a Prime Minister's Prize
Frank Fenner Prize for Life Scientist of the Year*



Professor Mariapia Degli-Esposti
Fellow of the Australian Academy of Science

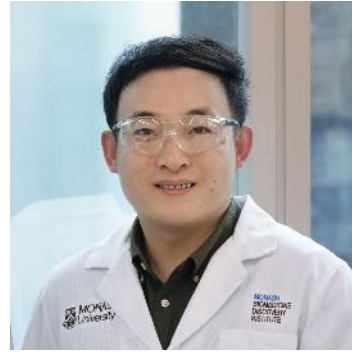


Professor Jian Li
*Fellow of the Australian Academy of Science
Fellow of the Australian Academy of Health
and Medical Sciences*

DISTINGUISHED ACHIEVEMENTS



Dr Amy Winship
Young Tall Poppy Award, AIPS



Dr Jinxin Zhao
*Finalist, Premier's Awards
for Health & Medical Research*



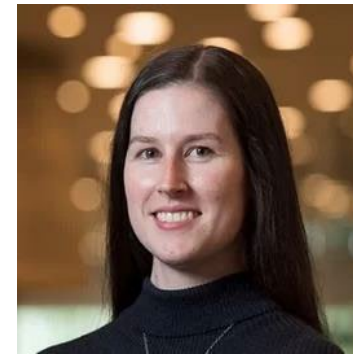
Dr Dustin Flanagan
*Metcalf Prize
NSCF of Australia*



Prof Mike Ryan
ASBMB Lemberg Medal



Prof David Jans
*Top Virologist, The Australian's
Research Magazine 2023*



Dr Rachael Lappan
*AAS J G Russell Award
Highest ranked DECRA Fellows*



A/Prof Craig Smith and Prof Roger Pocock
Appointed to the ARC's College of Experts

DISTINGUISHED ACHIEVEMENTS



Prof Brian Oldfield
*Distinguished Career Award, Society for
the Study of Ingestive Behaviour*



A/Prof Siew Chai
*Honorary Doctorate,
Uppsala University*



Prof Julian Rood & Prof Dena Lyras
*Lifetime achievements
recognised by ASM*



Dr Rhys Grinter
*Dean's Awards,
Excellence in Research, ECR*



Katrina Worthy
*Dean's Awards, Excellence in Research,
Professional Excellence in Research*



Dr Paris Papagianis
*Australian Finalist
AAS Falling Walls Lab Finale*

SELECTED GRANTS AND FUNDING

MRFF: \$15M Mitochondrial donation clinical trial

The mitoHOPE (Healthy Outcomes Pilot and Evaluation) Program is a pilot introduction of mitochondrial donation into Australian clinical practise.

- Multidisciplinary team and partnerships combining world-leading expertise in clinical, scientific and consumer engagement.
- Consortium led by Prof John Carroll
- Program made possible by introduction of Maeve's Law

www.monash.edu/medicine/mitohope



MONASH
University

mitoHOPE
Led By Monash University

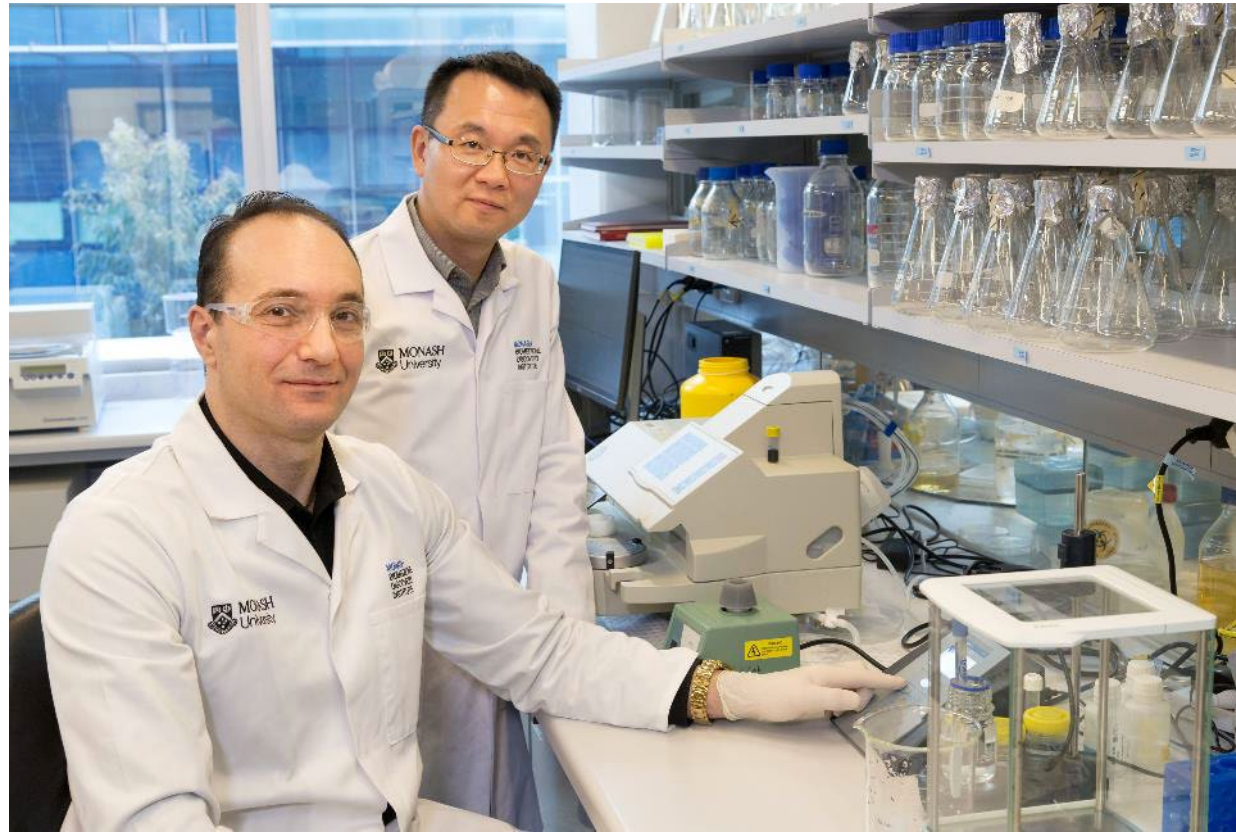
Program partners

The mitoHOPE Program works with an extensive multidisciplinary team drawn from university partners, medical research institutes, hospitals, genetic services and assisted reproductive technology providers.



This research is supported by The Medical Research Future Fund through the Emerging Priorities and Consumer Driven Research Initiative.

NIH: More than \$11M to combat antibiotic resistance



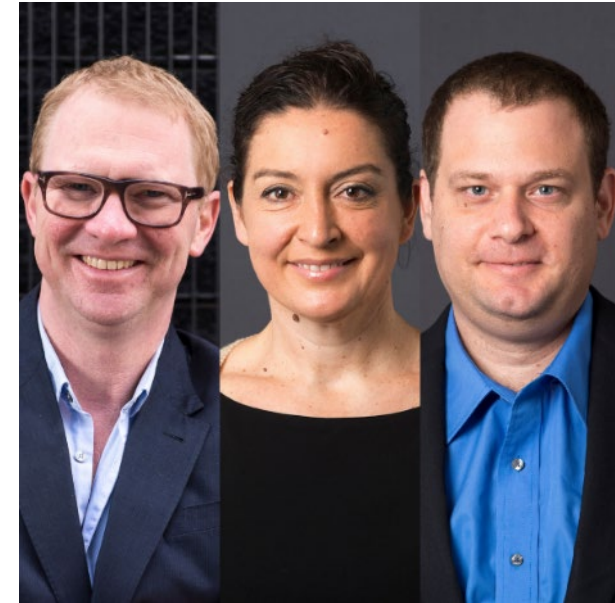
Prof Jian Li and A/Prof Tony Velkov
*Awarded two prestigious R01 grants from the National Institutes of Health
Prof Jian Li also awarded an NHMRC e-ASIA grant*

NHMRC Synergy Grant \$5M potential new treatment for prostate cancer



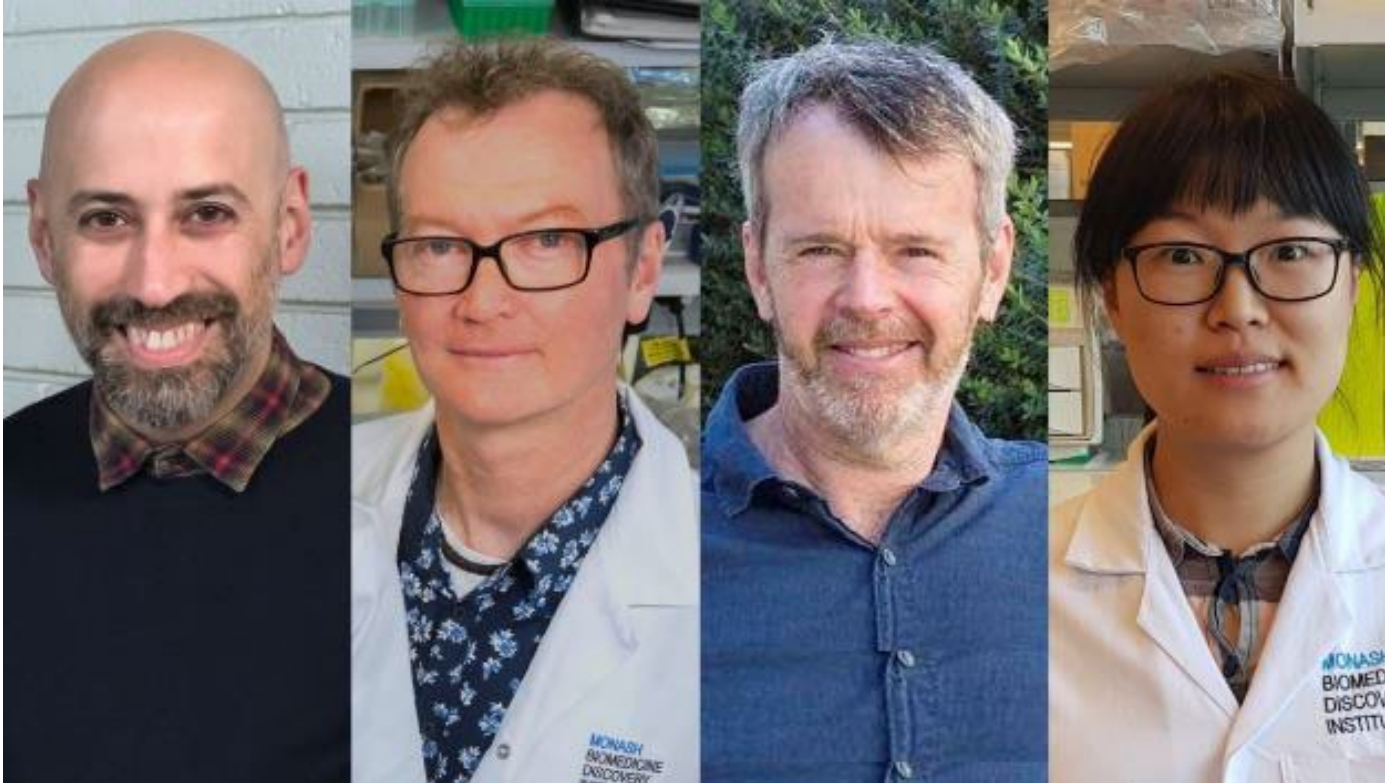
Prof Gail Risbridger leads a multidisciplinary, multi-institutional team of researchers

MRFF backs mRNA research with \$5M



New Monash lab developing mRNA vaccines
Led by MIPS' Prof Colin Pouton, in collaboration with BDI CI's Prof John Carroll, A/Prof Traude Beilharz and Prof Chen Davidovich

ARC Discovery Projects \$2.4M



A/Prof Luca Fiorenza , A/Prof Craig Smith, Prof Greg Stuart, Dr Qi Zhang

ARC Linkage Project \$412K

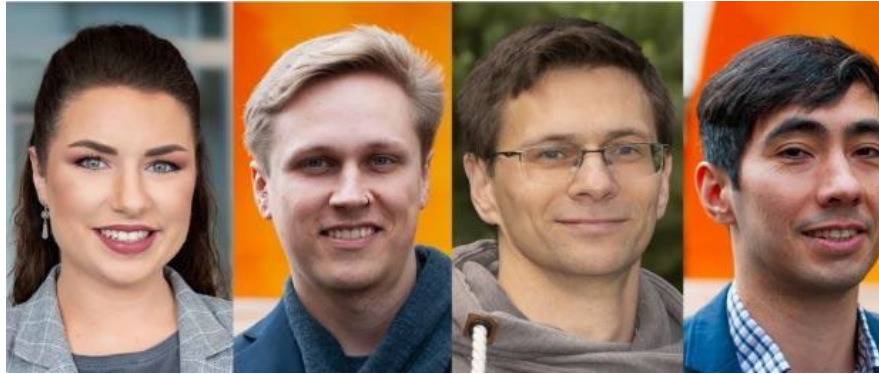


A/Prof Michelle Dunstone

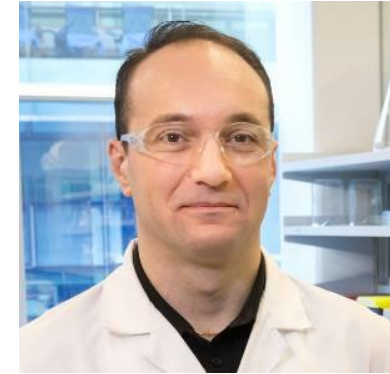
SELECTED GRANTS AND FUNDING



Dr Amy Winship
*Rebecca Cooper Foundation
AI & Val Rosenstrauss Fellowship \$1M*



Dr Lauren Murray, Dr Charles Bayly-Jones, Dr Alexander Reichenbach, Dr Bradley Spicer
ARC DECRA's \$1.76M



A/Prof Tony Velkov
ARC Mid-Career Industry Fellowship \$875K



A/Prof Georg Ramm
Chan Zuckerberg Award



Dr Paris Papagianis
iCare Dust Diseases Board Grant \$240K



Dr Andrew Garvie
CBCF Early Career Fellowship \$345K



Dr Milad Ghomlaghi and Dr Laura Porter
Cancer Council Victoria \$900K

**New BDI ECR Fellowship
Anita Castan Fellowship Program
in 2024
\$600K over 6 years**

SELECTED GRANTS AND FUNDING



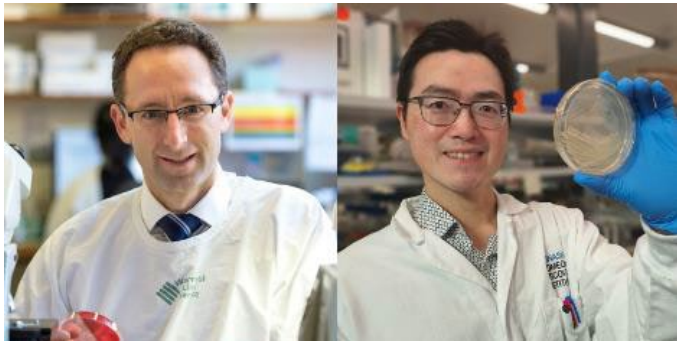
Prof Helen Abud, Dr Mitchell Lawrence, Prof Renea Taylor
Cancer Council Victoria



A/Prof Adrian Dyer
AORD Grant



Prof Dena Lyras
Anita Castan donation



Prof Anton Peleg and Dr Jhih-Hang Jiang
Australian Government Subsidy to use NDDC



Prof Jamie Rossjohn
Worldwide Cancer Research grant

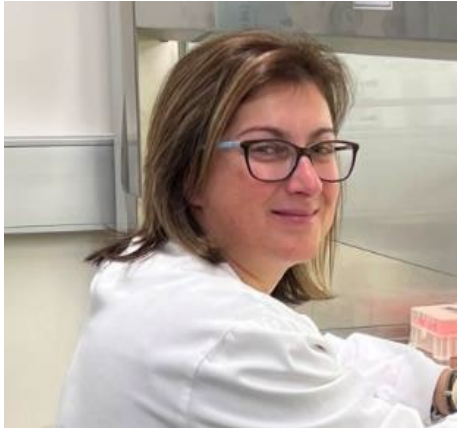


A/Prof Jane Bourke
*Dust Diseases Board & Victorian
Medical Research Acceleration Fund*



Dr Weranja Ranasinghe
*DoD Early Investigator
Research Award*

SELECTED GRANTS AND FUNDING



Lungitude Foundation
Dr Nicole Mifsud



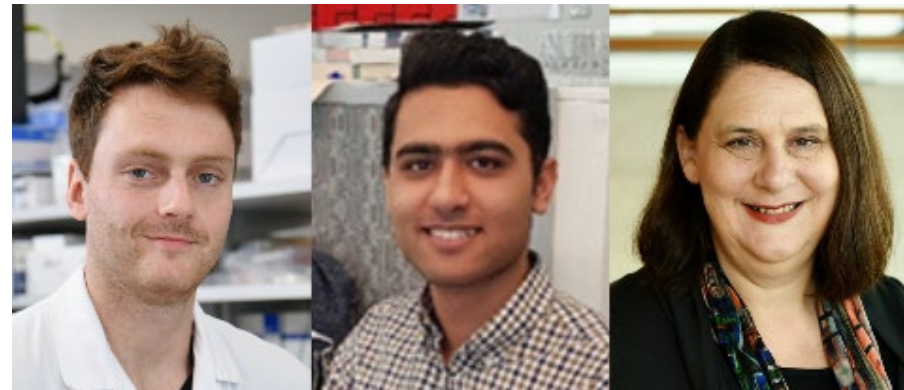
Vanguard grant
A/Prof Barb Kemp-Harper and A/Prof Tracey Gaspari



mRNA Victoria Research Acceleration Fund
A/Prof Chen Davidovich



Auric Innovation Fund grant
Dr Rebekah Engel



Tour de Cure
Dr Lochlan Fennell, Dr Milad Ghomlaghi, Prof Helen Abud

OUR GRADUATE PROGRAM

In 2023 (as of 8 December)

- 73 Graduate Research student completions
- 82 Graduate Research student commencements
- 285 currently enrolled students

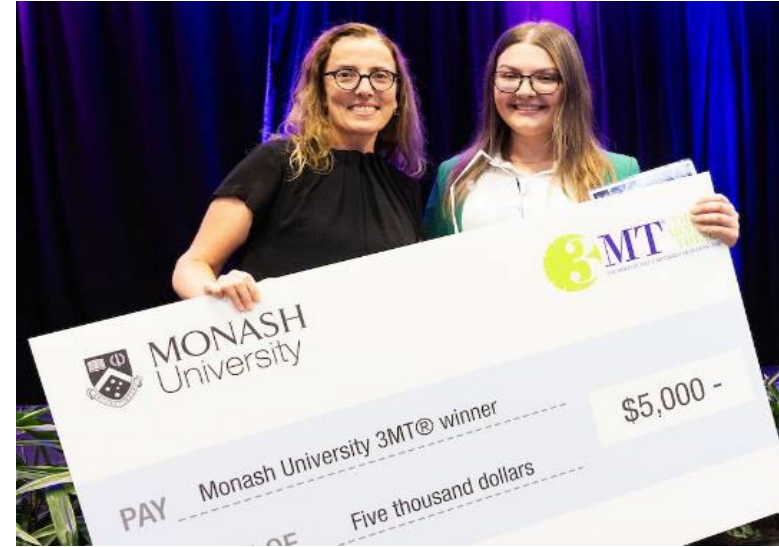
Thesis Excellence



Dr Martin Estermann

Vice-Chancellor's Commendation for Thesis Excellence

3MT Winners



Ms Lauren Alesi

Winner Monash University 3MT Final
Winner MNHS 3MT
People's Choice MNHS 3MT
Winner BDI 3MT

Mr Sahampath Hettiarachchi

Runner up BDI 3MT

Mr Ivan Oyarce Pino

People's Choice BDI 3MT

BDI Scholarships 84 offers from >160 scholarship applications

- 35 RTP Scholarships
- 13 MGS Scholarships
- 12 Co-funded Scholarships
- 23 BDI Scholarships
- 1 Equity Scholarship

Career development Six workshops

Science communication

Four Rising Stars Seminars in BDI Seminar Series

- Infection - Dr Rachael Lappan
- CVD - Drs Zoe McArdle and Jordyn Thomas
- MDO - Dr Luke Formosa
- Cancer - Dr Amy Winship

Mentoring

- Fifth round of BDI ECR Mentoring program - 16 pairs
- Six “ECR hour” Peer Mentoring Coffee Catch ups

Community engagement BDI-JMSS thematic seminar series

Industry engagement NEW subcommittee!

BDI ECR Development Prize

- Awarded four grants up to the value of \$1,500 to facilitate professional development and ECR career success
- Awarded two \$1,500 Thermo Fisher vouchers towards products and product assistance



- Recipients to be announced later today

EARLY CAREER RESEARCHERS

Workshops with external facilitators

- Dr Shari Walsh – Building resilience in research
- Dr Luis Malaver - A day in the life of CEO Biotech company

Skill building programs

- Applying for small grants
- How to write your first page
- Building teaching into your career
- Meet the Nature Communications editor

JOIN US!



BDI-ECR@monash.edu

Chair, Paris

paris.papagianis@monash.edu



MID-CAREER RESEARCHERS

Funding & Publication Awards

- Interdisciplinary seed funding across two BDI Programs
 - 7 x \$10K grants awarded
- 2 Publication awards (discovery and clinical research)

Collaboration & Advocacy

- Interviews with Industry & Venture Capitalist
- BDI Consumer and Community Involvement Seminar
 - Wendy Jenkins OAM (double lung transplant recipient)
 - Leslie Gilham (breast cancer survivor)



2023 Seed Funding Awardees



Cancer/Immunity
Sylvain Trepout Benjamin Gully



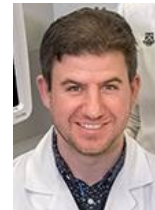
Cardiovascular/Cancer
Katrina Colafella Mitchell Lawrence



DSC/Immunity
Deepak Adhikari Dominic De Nardo



Immunity/Neuroscience
Dominic De Nardo David Gonsalves



Infection/Immunity
Stephen Rawlinson Brendan Russ



MDO/Cancer
Sarah Lockie Dustin Flanagan



Neuroscience/MDO
Farshad Mansouri Claire Foldi



Development, Engagement & Leadership

- Seven Shining Star awards and talks
- Networking afternoon chats & coffee

Procedural Navigation & Assistance

- Launch of MCR website portal in early 2024

MCR Retreat

- First two-day retreat with >40 attendees & \$21K sponsorship

2023 Shining Stars



Cancer
Dustin Flanagan



Cardiovascular
Katrina Colafella



Development &
Stem Cells
Amy Winship



Immunity
Adam Shahine



Infection
Jiangning Song



Metabolism, Diabetes
& Obesity
Alex Reichenbach



Neuroscience
Nafiseh Atapour

Email: bdi-mcr@monash.edu



KEY STAFF UPDATES

New leadership appointments



Prof Diana Hansen
Co-Head Infection Program



A/Prof Fasséli Coulibaly
Co-Head Infection Program



Prof Kim Good-Jacobson
Co-Head Immunity Program

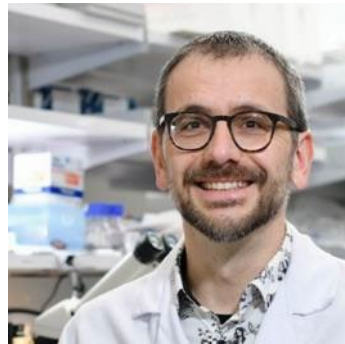


Prof Nicole La Gruta
Interim Head of Biochemistry &
Molecular Biology

Newly appointed lab heads



Dr Mitchell Lawrence



Dr Thierry Jardé



Dr Claire Foldi



Dr Maureen Hagan



Dr Joanne Caldwell Odgers

Senior promotions



Professors Julia Choate, Max Cryle, Priscilla Johanesen, Renea Taylor, Lee Wong



Associate Professors Sharon Flecknoe, Anne Fletcher, Luc Furic, Ruby Law

Senior Research Fellows/ Lecturers
Drs Joanne Caldwell Odgers, Rhys Grinter,
Lucinda Krause, Jessica Gibbons,
Luke Formosa, Qi Zhang



Welcome: new starters



Prof Jill Banfield FRS FAA



Prof Mary Herbert



Prof Cameron Simmons



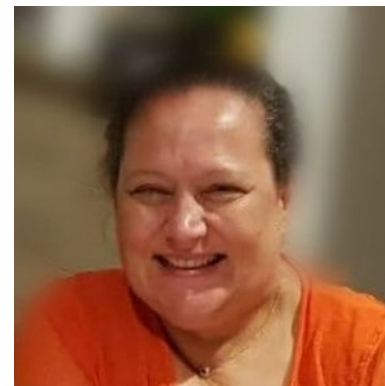
Dr Simone Li



Dr Iman Azimi



Dr Amy Brymora



Dr Rozanne Blok

Building an inclusive BDI culture: outcomes

- Gender parity reached at A/Prof (Academic Level D) within BDI.
- Equal gender representation in Discovery Program Leadership
- Rolled out free menstrual products in female and all-gender toilets at the BDI
- Interpersonal issues advice sheet: “Conflict resolution for staff at BDI”. Now available to all staff at BDI, particularly those in management roles
- Dr Ayan Dasvarma & A/Prof Jane Bourke drafted recommendations to AAMRI for policy around consideration of sex and gender in medical research
- Events delivered to help create a culture of health and well-being



Dr Ayan Dasvarma & A/Prof Jane Bourke
BDI's representatives on the national AAMRI panel



Monash BDI marched with PRIDE in February to support LGBTQIA+ community



National Ride2Work Day, October

Building an inclusive BDI culture: events

- Disability Confident Workforces and Disability Confident Managers training
- Pride March with new BDI banner (NB: banner now available for BDI events!)
- IDAHOBIT morning tea and information session
- Monash EDI week: Seminar and panel discussion: the consideration of Sex and Gender in Health and Medical Research, for more inclusive and higher quality research
- International Week of Deaf people: special seminar by Prof Louise Purton about accessibility of presentations for disabled academics



IDAHOBIT morning tea in May

- New annual special seminar and award: celebrating exceptional scientists with diverse careers. **2023: Prof Renea Taylor**
- Monash Research Week: “Respectful research cultures: preventing and reducing sexual harassment” - thanks to organiser and host Dr Ayan Dasvarma, and panellist Prof John Carroll



How you can improve accessibility of your presentations for disabled academics

The Diversity and Inclusion Committees from the School of Biological Sciences and the Monash BDI are delighted to be co-hosting this Special Seminar about accessibility during the International Week of Deaf People.



PROF LOUISE PURTON

ABSTRACT

1 in 5 people have a disability, of which there are many different types. In recent years people have been trained to be minimalist in their research presentations, however, this has reduced accessibility of the presentations for many. In this presentation I will share my own career path as a disabled academic. I will also provide tips on how you can improve accessibility of presentations for people with different disabilities.



Uncovering new insights into prostate cancer using translational models

PROFESSOR RENEA TAYLOR
Co-Head, Cancer Program, Department of Physiology
Monash Biomedicine Discovery Institute, Monash University



ABSTRACT

Prostate cancer is the most commonly diagnosed cancer in Australia, impacting significantly on the lives of 1 in every 6 men who require treatment. Despite significant improvements in treatment, 3,500 patients develop incurable disease and die from prostate cancer each year. This seminar will describe the evolution of understanding prostate cell biology through to the development of disease models to study cancer progression to address this health issue. This effort led to the establishment of the MURAL collection of patient-derived xenografts (PDXs) that is used to identify novel therapeutic strategies to treat incurable prostate cancer. The seminar will provide examples of mentorship, the need for collaboration with teams of multi-disciplinary experts and a focus on clinical translation of research.

New Diversity and Inclusion Committee Chair in 2024!



A/Prof Jane Bourke

Head, Respiratory Pharmacology Laboratory,
Department of Pharmacology
Monash BDI
Email: jane.bourke@monash.edu

“I’m passionate about diversity with inclusion to create opportunities for an equal voice and to foster a supportive environment where different perspectives are valued.”

Jane has been a member of the committee since 2020, and also sits on the faculty D&I committee

Look out for an upcoming invitation to join the D&I committee!

ENGAGE: COMMUNICATING TO THE PUBLIC

93 stories told

31 stories pitched to media

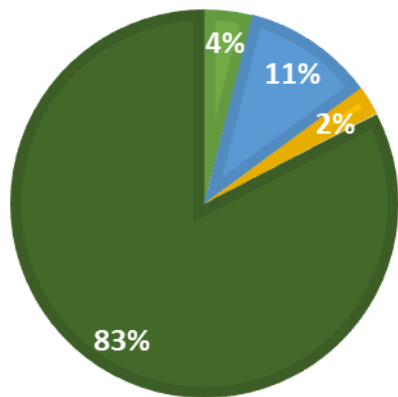
3,272 media mentions

- 17% increase on 2022
- ~270 per month

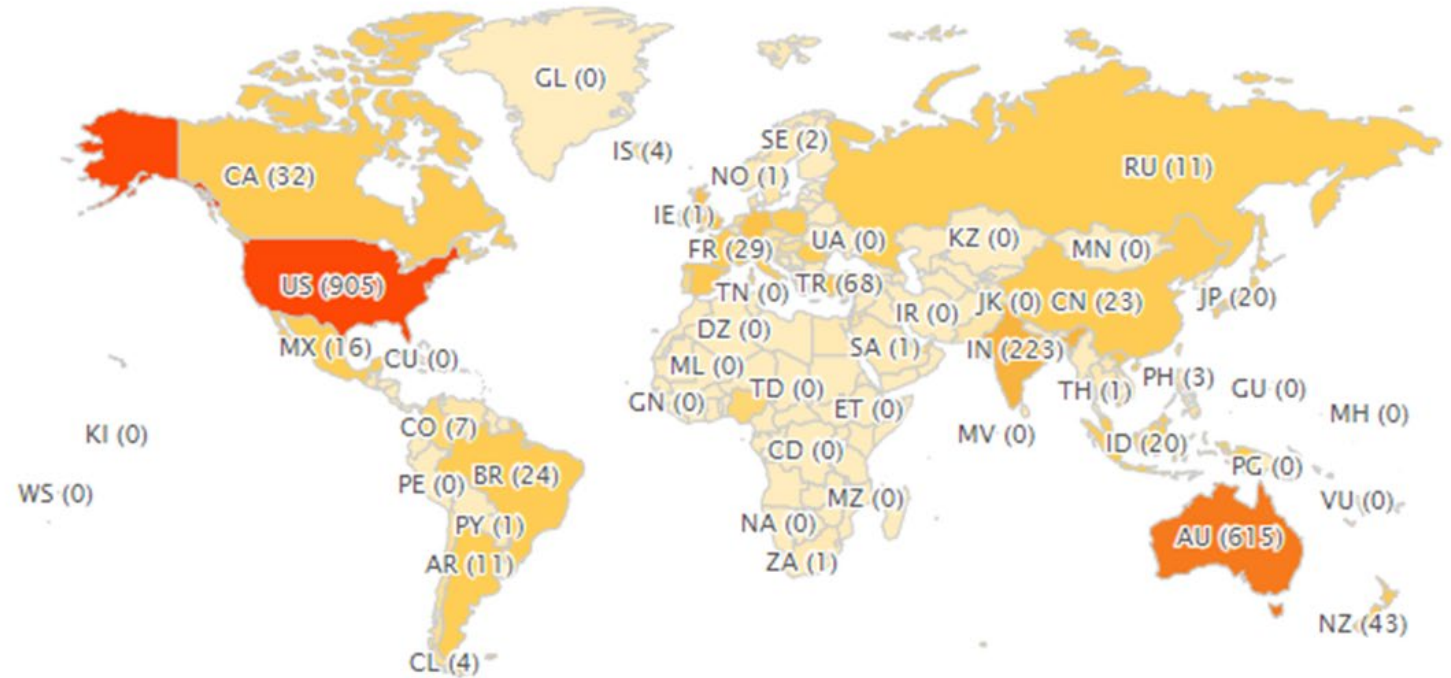
Seen by 247 million people

MENTIONS BY MEDIA TYPE

■ TV ■ Radio ■ Print ■ Online

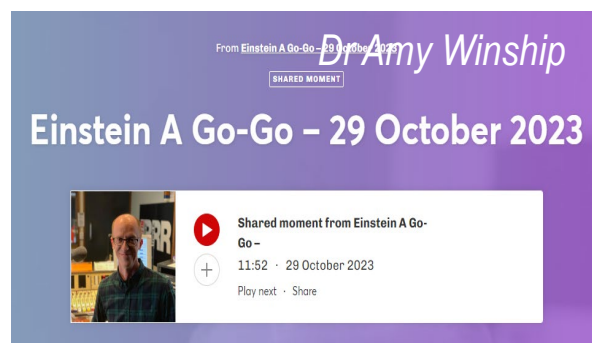
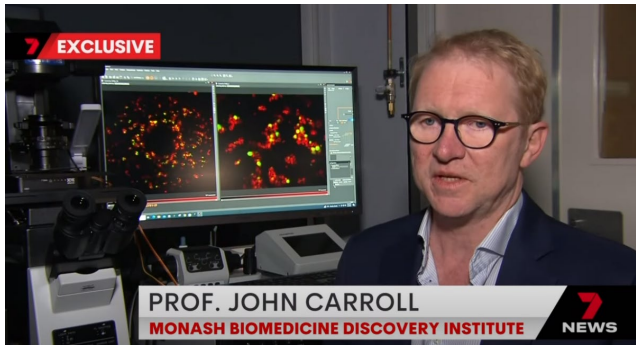
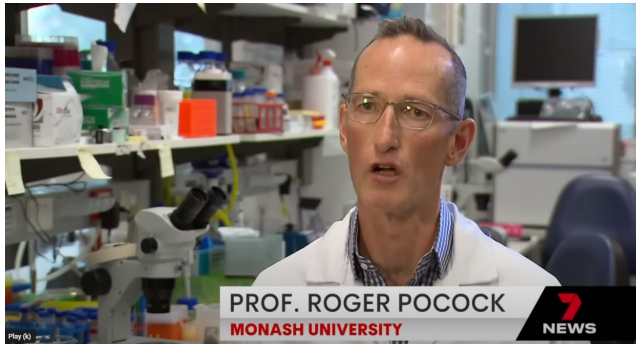


Global coverage heat map



ENGAGE: SELECTED NEWS & MEDIA

TV and Radio



ENGAGE: SELECTED NEWS & MEDIA

Print & Online

THE CONVERSATION
Academic rigour, journalistic flair

Arts Books + Ideas Business + Economy Education Environment + Energy Health Politics **Science + Tech**

THE AGE SUBSCRIBE

'It's not hype': COVID vaccine technology to fight another deadly virus, then cancer

Liam Mannix
February 12, 2023 — 1.16pm



Bacteria use life's original energy to thrive in the ocean's lightless depths

Published: February 7, 2023 6:02am AEDT

Sunset over New Zealand from the ocean sampling voyage. Guy Shelley/Monash University, Author provided

WAtoday

Exclusive Politics Federal **The Dust of Death**

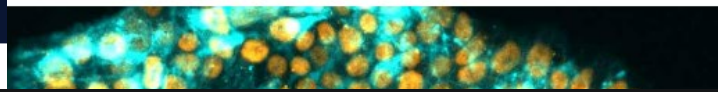
This was published 9 months ago

Benchmark giant, health groups demand dangerous stop

COSMOS My Cosmos | Space | Tech | Nature | Earth
Body and Mind | COVID | Medicine | Nutrition

Cosmos » **Medicine**

Scientists follow nature to better imitate embryonic stem cells



BUILDING CONNECTION

ARTICLES NEWS PRODUCTS RESOURCES

FEATURES Home » Features » Cutting down on silicosis-related deaths

CUTTING DOWN ON SILICOSIS-RELATED DEATHS

BY SEAN CARROLL / © M **SBSNews** Just In Top Stories Han

14 min read

Life FEATURE

More weight loss drugs coming, but are they really the answer?

the limbic

THE NATIONAL TRIBUNE

HOME NATIONAL LOCAL POLITICS BUSINESS SCIENCE TECHNOLOGY HEALTH LIFE

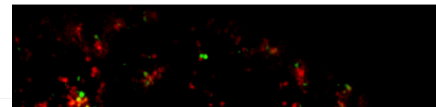
Monash University Heads \$15M Mitochondrial Donation Clinical Trial

Education | 13 Mar 2023 6:51 am AEST

BusinessNews Latest News Market Finance Innovation Tech Cryptocurrency Financial Advice

Organoids shed light on COVID-19 infection during pregnancy

by Julian Walling — July 28, 2023 in Innovation



Chemo priming enables CAR T-cell efficacy against solid cancers

RESEARCH

By Michael Woodhead
28 Sep 2023



Solid cancers such as prostate cancer can be made more responsive to CAR T-cell treatment by 'priming' them with carboplatin chemotherapy, Australian researchers have shown.

NEW ATLAS

HOME LIFESTYLE SCIENCE TECHNOLOGY TRANSPORT

SCIENCE

Trial finds psilocybin to be a promising treatment for anorexia

ENGAGE: OUTREACH AND EVENTS



Inaugural research-consumer morning tea, with Minister for Health Mary-Anne Thomas



Sensory Science Exhibition



Day of Immunology celebrated at BDI



BioEYES a finalist in Engagement Australia Excellence Awards



Biomedical Outreach Education Team secured a three year grant from DET for BioEYES+



BioEYES article in The Age



BioEYES expanded to Monash Malaysia

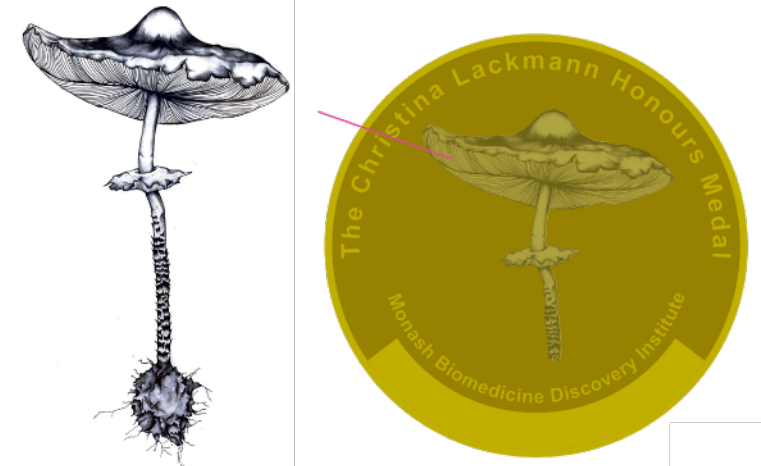
AWARDS TIME



Christina Lackmann Honours Medal

Awarded each year to the top ranked Honours student undertaking a research project in one of the five academic Departments of the Monash BDI.

The recipient of the Christina Lackmann Honours Medal will receive a commemorative medal, a certificate and an award of \$1000.



Artwork by Christina Lackmann

Chloe Edwards-Lee

Department of Anatomy and Developmental Biology

\$1500 ECR Development Prizes

Dr Cyntia Taveneau

Dr Jenni Hayward

Dr Simon Windley

Dr Xinyun Jian

\$1500 Sponsored ECR Development Prizes



ThermoFisher
SCIENTIFIC

Dr Diji Kuriakose

Dr Jessica Runting

Selection Panel Members

- John Carroll
- Dena Lyras
- Chris Thompson
- Ari Pinar
- Aneta Stefanidis
- Ayan Dasvarma
- Belinda Henry
- Craig Harrison
- Davina Dadley-Moore
- Denuja Karunakaran
- Dustin Flanagan
- Frances Broomhead
- Gail Risbridger
- Gavin Knott
- Jane Bourke
- Jhieh-Hang Jiang
- Jian Li
- John Boyce
- Laura Reid
- Michael Chopin
- Remy Robert
- Ruth Schneider
- Sarah Lockie
- Sharon Flecknoe
- Sheena McGowan
- Thierry Jarde
- Yan Wong

**Industry Partnership &
Commercialisation Award**

**Prof Roger Daly &
Dr Anderly Chueh**

Clinical Engagement & Translation Award

**A/Prof Karla Hutt &
Dr Amy Winship**

Clinical Engagement & Translation Award

Cancer Donor Program

Dr David Pook
Dr Jenna Kraska

Prof Renea Taylor
Dr Mitchell Lawrence

Dr Melissa Papargiris

Award for Fostering a Supportive Culture

BLTB Green Impact Team

Dr Anita Barry
Dr Ann Bohte

Ann-Maree Jefferis
Leanne Sultana
Chris Bramich

Mark Jones
Robyn Batch

Award for Enabling Success of Others

**Prof Kim Good-Jacobson &
A/Prof Andrew Ellisdon**

Award for Enabling Success of Others

Monash BDI Mid-Career Researcher Committee

Dr Kristen Bubb

Dr Michael Chopin

Dr Nathan Croft

Dr Rebecca Gorrell

Dr Denuja Karunakaran

Dr Antonella Papa

Dr Nicole Mifsud

Dr Dominic De Nardo

Dr Mitchell Lawrence

Dr Dustin Flanagan

Dr Maureen Hagan

Dr Romana Stark

Dr Olga Panagiotopoulou

Dr Sarah Lockie

Dr Mehdi Adibi

Dr Claire Foldi

Dr David Gonsalvez

Dr Thierry Jarde

A/Prof Sefi Rosenbluh

Dr Padma Murthi

Dr Asolina Braun

**Science Communication &
Public Engagement Award**

A/Prof Jane Bourke

Innovation in Learning and Teaching Award

**A/Prof Tracey Gaspari
Dr Scott Clarke & the
BME3030 Education Team**

Teaching Excellence Award

Dr Nathan Croft

**Outstanding Contribution to
Enhancing Student Learning Award**

Dr Peter Boag

Award for Outstanding Contribution by Professional Services & Support Staff

BLTB Technical Services Team

Dr Anita Barry

Dr Ann Bohte

Dr Kylie Wilson

Dr Smita Mehta

Stephen Thompson

Ann-Maree Jefferis

Chris Bramich

Kushani Weerakoon

Narelle Metcalf

Usha Krishnan

Hinal Vekaria

Dr Pamu Kularathna

Barbara Smith

Danielle West

Lina D'Agruma

Dr Tom Weng

Monash BDI Thesis Highly Commended

Dr Yifang (Tiffany) Li

Department of Pharmacology

Thesis title: "Evaluating the therapeutic effects of bone marrow-derived mesenchymal stem cell-based therapies in combination with an anti-fibrotic agent in experimental models of hypertension"

Dr Pok Man (Bob) Leung

Department of Microbiology

Thesis title: "Energetic Basis of Microbial Growth and Persistence in Terrestrial Oligotrophic Ecosystems"

Monash BDI Thesis Excellence Award

Dr Yee Ting Candace Ho

Department of Biochemistry and Molecular Biology

Thesis title: “Chemical biology tools for the characterisation and exploitation of antibiotic biosynthetic pathways”

MCR Award for Outstanding Publication Outcomes

Dr Senthil Arumugam

Deterministic early endosomal maturation emerges from a stochastic trigger-and-convert mechanism

Nature Communications 14, 4652 (2023)

MCR Award for Outstanding Publication Outcomes

Dr Dominic De Nardo

*Termination of STING responses is mediated via
ESCRT-dependent degradation*

The EMBO Journal (2023)

Director's Highly Commended Publication Award

Dr Wenyue Wang & Prof Roger Pocock

An intestinal sphingolipid confers intergenerational neuroprotection

Nature Cell Biology 25, 1196 (2023)

Director's Highly Commended Publication Award

**Dr Iona Schuster &
Prof Mariapia Degli-Esposti**

*Infection induces tissue-resident memory NK cells that safeguard
tissue health*

Immunity 56, 531 (2023)

Director's Highly Commended Publication Award

Dr Adam Shahine & Prof Jamie Rossjohn

CD1 lipidomes reveal lipid-binding motifs and size-based antigen-display mechanisms

Cell 186, 4583 (2023)

Discovery Award for Best Publication

**Dr Rhys Grinter, Ashleigh Kropp
& Prof Chris Greening**

*Structural basis for bacterial energy extraction
from atmospheric hydrogen*

Nature 615, 541 (2023)

THANK YOU

*Wishing each of you a safe and
happy festive season*

*Join us now in the Green Chemical
Futures Building for a social celebration
with canapés, drinks and music!*

