




The Institute

basil hetzel institute for translational health research

MONTHLY BULLETIN FOR TQEH RESEARCH COMMUNITY

WINNING NEWS

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Five PhD students win awards at the Florey Postgraduate Conference



L-R: Sarena La, Michelle Sims, Reger Mikaeel, Ghais Houtak

Congratulations to all BHI, TQEH based students who presented posters at the 15th Florey Postgraduate Research Conference on Wednesday 22 September at the Adelaide Convention Centre. This conference allows Higher Degree by Research students from the Faculty of Health and Medical Sciences at The University of Adelaide to showcase their research. The following 5 PhD students received prizes:

Student	BHI Research Group	Award	Value
Michelle Sims	Breast Cancer Research Unit	The Florey Medical Research Foundation (Basic) Award	\$1,700
Mirabel Alonge	Clinical Pharmacology Research Group	Adelaide Medical School - Department of Medical Sciences	\$400
Ghais Houtak	ENT Surgery	Adelaide Medical School - Department of Surgical Specialties	\$400
Reger Mikaeel	Solid Tumour Group	The John Barker Bequest	\$300
Sarena La	Translational Vascular Function Research Collaborative	Innovation & Commercial Partners	\$100

OCTOBER
2021

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BHI SEMINARS

BHI Seminars

The seminar program for 2021 ends with TQEH Research Expo and recommences in March 2022

UPCOMING EVENTS

TQEH Research Celebration Dinner
Wed 13 October

30th TQEH Research Expo
Thurs 14 & Fri 15 October

BHI Off the Clock
4pm Wednesday 27 October

BHI HUB

Scientific Director Joy Rathjen

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Phone: 8222 6870

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Work days: Tuesday - Thursday



It is October. TQEH Research Expo, which forms part of CALHN Research Week, is just around the corner. Abstracts have been judged, talks allocated, chairs engaged and the program finalised.

This year the event is celebrating a significant milestone – TQEH Research Expo turns 30. The team is looking forward to welcoming many of you to dinner on Wednesday 13 October to mark 60 years of health and medical research success at TQEH and 30 years of TQEH Research Expo, and then to the events of Expo on Thursday and Friday. The full program for the Expo is now on the [BHI website](#) in addition to Zoom links for each session. Please make the time to support our students in person or online – the success of Expo needs an audience to encourage the students and ask questions.

Dr Michael Cusack, SA Chief Medical Officer, will give our Plenary Lecture at 12pm on the Friday. He will talk about how the role of data from patients, units and systems can be used to improve clinical performance and to empower patients. Looking backward to issues of poor performance in healthcare systems in the UK, Michael will share his experience and understanding in how patient safety can be protected and healthcare performance can be improved. It is a topic that is always important.

I have fingers and toes crossed that we will be able to hold the Expo as usual, with an audience in the BHI seminar rooms and only be lightly impacted by the pandemic. I hope to see you all next week.



BHI Facility Managers (August - December 2021)

Kathryn Hudson

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Imogen Ball

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Work days: Mon - Wed



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Work days: 9-3pm Tuesday - Thursday



NEWS



The Hospital Research
Foundation Group

THRF Group Scholarships awarded to 5 students

The Hospital Research Foundation Group has awarded 5 scholarships to students based at the Basil Hetzel Institute, TQEH, in a mid-year round of funding. The next round of funding will open during October. The following students were successful with their applications:

THRF Group Vacation/Summer Scholarship

Lauren Vu, Endocrinology Unit, The University of Adelaide

Supervisors: Dr David Jesudason, Dr Odette Pearson

Project Title: The role and value of Aboriginal Health Workers and Practitioners in providing Type 2 diabetes mellitus (T2DM) care in the primary health care setting; a qualitative study

Impact statement: This substudy will augment the larger MRFF funded Project. This larger Project aims to improve glycaemic control in Aboriginal patients with T2DM as indicated by reductions in HbA1c, by developing a culturally informed and evidence-based diabetes training program for AHW/Ps. This substudy will benefit from the Aboriginal leadership and investigator governance of the larger Project. An improved understanding of the AHW/P scope of practice in diabetes care, from their perspective and others in the workforce, will enable a tailored training program to be developed that is relevant and addresses current barriers impeding AHW/P involvement and ability to deliver diabetes care.

THRF Group Honours Scholarship

Lana Matteucci, Therapeutics Research Centre, University of South Australia

Supervisors: Dr Amy Holmes, Professor Michael Roberts and Associate Professor Lorraine MacKenzie

Project Title: Novel Nanodrug Delivery Systems to treat Biofilm associated infections in the Vaginal Mucosa

Impact statement: There is a clear unmet clinical need for innovative therapeutics to treat biofilm associated BV. BV is an infection that occurs in up to 50% of women of reproductive age (18-45) with recurrence observed in >50% of women within 12 months. This level of reinfection is unparalleled in clinic and urgently requires the development of new treatment strategies to protect women from the severe associated morbidity of BV. Our approach will significantly improve the delivery and efficacy of antibiotics at the site of infection as the predominant clinical strategy of oral antibiotic treatment is not eradicating BV associated biofilms.

THRF Group Postgraduate Scholarship (with matched funding from the US FDA)

Katrina Cao, Masters by Research Student, Therapeutics Research Centre, University of South Australia

Supervisors: Associate Professor Lorraine MacKenzie, Dr Azadeh Alinaghi and Dr Amy Holmes

Project Title: Comparison of morphological and physiological profiles in healthy and diseased skin

Impact statement: The United States FDA has recently prioritised the development and approval of more affordable generic drug products. Mechanistic physiologically based pharmacokinetic (PBPK) models are an attractive approach to improve the understanding of topical drug delivery in disease-modified skin. PBPK models can be used to inform and verify the drug development process, reducing cost and time required to get a generic drug product to the market. For drug products that are applied to diseased skin, PBPK models, if properly parameterized to describe the disease, could be used to investigate bioequivalence of topical generic drug products in virtual patient populations.

THRF Group Scholarships awarded (continued)

THRF Group Postgraduate Scholarship (with matched funding from the School of Graduate Studies, and additional funding from the Faculty of Health and Medical Sciences)

Alex Minopoulos, PhD Student, Translational Vascular Function Research Collaborative, The University of Adelaide

Supervisors: Professor John Beltrame and Associate Professor Rosanna Tavella

Project Title: The role of endothelial dysfunction and the expression of rho-kinase in coronary artery spasm

Impact statement: The overall objective of this proposed project is to therefore optimise and validate ROCK-I and ROCK-II expression in human blood products (venous plasma and serum) utilising Western Blot. This is a novel study aiming to develop and validate a non-invasive method of measuring rho-kinase in venous plasma and serum. If successful, the results of this study will lead to further validation of rho-kinase as a biomarker for coronary artery spasm and may improve the diagnosis process for these patients. Furthermore, previous experimental and clinical studies have demonstrated increased ET-1 plasma levels in the coronary sinus of patients with CAS during baseline and provocation testing in comparison to healthy controls. ET-1 levels in the venous blood will therefore be investigated to characterise endothelial dysfunction and investigate its effect on CAS.

THRF Group Postgraduate Scholarship (with matched funding from the School of Graduate Studies, and additional funding from the Faculty of Health and Medical Sciences)

Zahraa Al-Delfi, PhD Student, Viral Immunology Group, The University of Adelaide

Supervisor: Dr Branka Grubor-Bauk

Project Title: The development of a novel multi-antigenic DNA-based vaccine against SARS-CoV-2.

Impact statement: A multi-antigenic DNA vaccine encoding highly immunogenic SARS-CoV-2 proteins will; 1. Generate robust, broad, durable T cell immunity against multiple antigens. 2. Elicit protective immunity against challenge with SARS-CoV-2. and is expected to 3. Avoid potentially severe acute lung injury resulting from inappropriate immune responses upon viral challenge. 4. Provide a vaccine that will resist effect of antigenic drift variants of SARS-CoV-2. 5. Provide long term protection such that regular boosting will not be required. This T cell-based SARS-CoV-2 DNA vaccine will show proof of principle in the NHP model and pave the way for advancement to Phase 1 clinical studies.



The Hospital Research
Foundation Group

Professor Sandra Peake is an investigator on three new NHMRC grants

Professor Sandra Peake, Director of Intensive Care Medicine at The Queen Elizabeth Hospital, is involved in two Centres of Research Excellence and a new grant funded by the NHMRC. For more information about any of these please contact Sandy via email: sandra.peake@sa.gov.au



NHMRC Centres of Research Excellence (APP2006514)

A Centre for Research Excellence to Transform Outcomes of Critically Ill Patients in ICU (CRE-ICU)

C Hodgson, D Cooper, J Fraser, **S Peake (CID)**, R Bellomo, P Macdonald, S Bernard, M Bailey, D McGiffin, A Higgins

\$2,500,000.00 (1-November-2021 to 31-October-2026), Administering institution Monash University

Lay Summary: Patients who are admitted to intensive care (ICU) and require mechanical ventilation for life support account for 63,000 ICU admissions and 8,190 deaths each year in Australia, higher than the national road toll. CRE-ICU will transform outcomes for these patients by using data within registries and electronic medical records to perform high-impact, low cost clinical trials, generating new knowledge to inform national guidelines and policies and training the next generation of researchers.

NHMRC Centre of Research Excellence (APP2007007)

REduce the burden of antimicrobial reSistance through oPtimal, persONalised Dosing (RESPOND)

J Roberts, M Slavin, D Paterson, T Comans, J Lipman, C Landersdorfer, G Joynt, R Bellomo, J Clark, S Parker, **S Peake (AI)**

\$2,772,570, Administering institution University of Queensland.

Lay Summary: Each year more than 17 million people die from infectious diseases. Many of these deaths are due to the poor use of antimicrobial drugs and an increase in infections caused by antimicrobial-resistant 'superbugs'. CRE RESPOND will enable an optimal treatment of infection by empowering clinicians with an evidence-based, patient-centred approach to guide antimicrobial dosing. We will generate new knowledge, educate healthcare workers, and build research capacity through our network of collaborators

NHMRC Clinical Trials and Cohort Studies Grants (APP 2001237)

Low OxyGen Intervention for Cardiac Arrest injury Limitation trial (LOGICAL)

C Hodgson CIA, R Bellomo, P Young, **S Peake (CID)**, M Bailey, C McDonald, A Higgins, A Nichol, A Udy, A Deane

\$2,314,403, Administering institution Monash University

Lay Summary: Life support with mechanical ventilation (MV) is required for most patients after cardiac arrest. Delivery of liberal oxygen therapy to patients receiving MV is standard care and exposes them to a high oxygen dose and higher blood oxygen levels. A higher amount of oxygen might be harmful after cardiac arrest, but the optimal oxygen therapy in these patients is uncertain. This study tests standard care versus a protective conservative dose of oxygen on neurological recovery after cardiac arrest.

New staff members at the BHI



Daniel Lewis

Laboratory Assistant, Therapeutics Research Centre

Level 2, Basil Hetzel Institute, TQEH

daniel.lewis@unisa.edu.au

I studied a Bachelor of Science (Forensic and Analytical Science) degree at Flinders University between 2017–2019. I then moved to The University of Adelaide to complete an Honours degree in a Bachelor of Health and Medical Science, majoring in Pathology, where I was also awarded the Adelaide Medical School Honours scholarship. My Honours research took place at Forensic Science South Australia and I have had some research published in various forensic and medical journals.



Dr Faye Whan

LCMS Analyst, Therapeutics Research Centre

Level 2, Basil Hetzel Institute, TQEH

faye.whan@unisa.edu.au

Dr Faye Whan completed a PhD in environmental chemistry at The University of Adelaide in 2016, in collaboration with the Australian Water Quality Research Centre of SA Water and Water Research Australia. She spent several years performing method development for the analysis of environmental toxins and other contaminants produced by cyanobacteria in drinking water. She started working with the Therapeutics Research Centre in 2021, with a focus on developing LCMS assays [LCMS, Liquid chromatography mass spectrometry].

COMMUNITY ENGAGEMENT

ABC Radio Interviews & Channel 9 TV news



Dr Danielle Taylor, a health geographer with the Adelaide G-TRAC Centre, was interviewed by ABC Broken Hill presenter Narelle Graham on Tuesday 21 September to discuss frailty in regional areas of Australia.

Professor Catherine Hill, Director of the Rheumatology Unit at TQEH, was interviewed on ABC Radio Adelaide by David Bevan on his Mornings show and also spoke about a new clinical trial for people with knee osteoarthritis on the Channel 9 Television news.



BHI STUDENT NEWS

BHI STUDENT REPS 2021



Roshan Nepal (Level 1)

roshan.nepal@adelaide.edu.au



Ghais Houtak (Level 1)

ghais.houtak@adelaide.edu.au



Sarena La (Level 2)

sarena.la@adelaide.edu.au

Please welcome Katrina to the BHI, TQEH



Katrina Cao

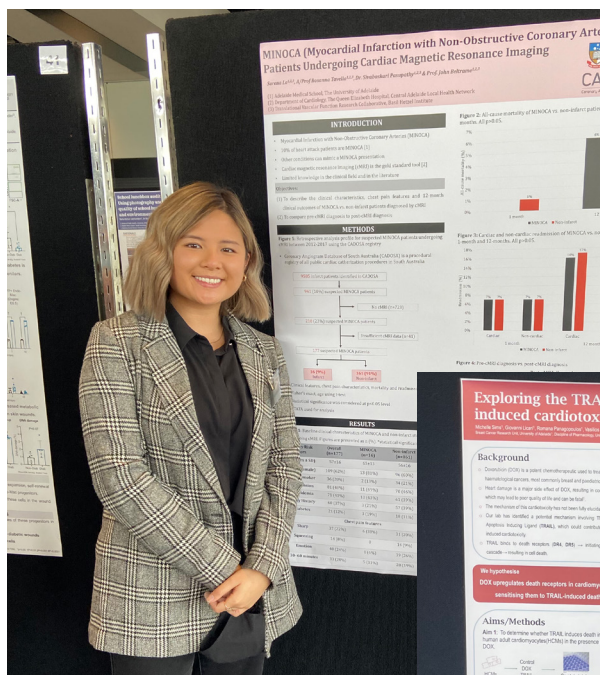
**Therapeutics Research Centre, Level 2 BHI
Masters of Research Student, University of South
Australia. Commenced September 2021.**

Supervisors: A/Prof Lorraine MacKenzie, Dr Azadeh Alinghi and Dr Amy Holmes

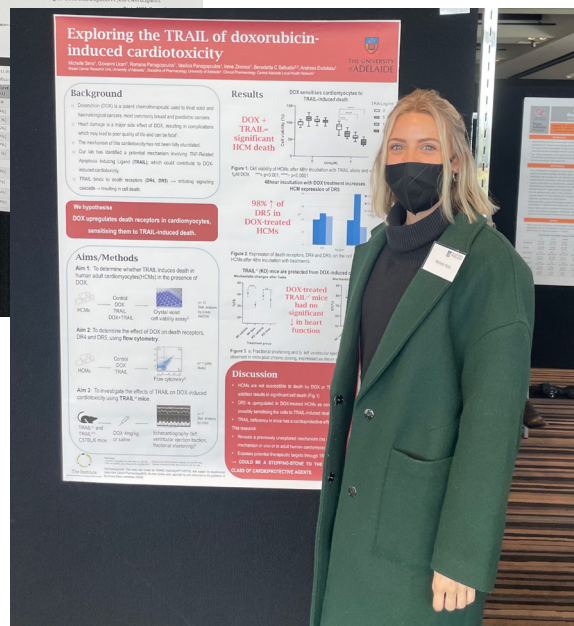
Thesis title: Comparison of morphological and physiological profiles in healthy and diseased skin

Scholarship: THRF Group Postgraduate Scholarship
& US Food and Drug Administration

Florey Postgraduate Conference



Sarena La (left) and Michelle Sims (below) presenting their posters at the Faculty of Health and Medical Sciences Florey Postgraduate Research Conference.



BHI Off the Clock

All staff and students are welcome to attend these informing gatherings that are held on the last Wednesday of each month. The next event will be held in the Ground Floor Seminar Rooms from 4pm on Wednesday 27th October.

GENERAL INFORMATION

STATISTICIAN AT THE BHI

Suzanne is available at the BHI each Tuesday and can be consulted by TQEH/ The University of Adelaide Faculty of Health & Medical Sciences staff and research higher degree students. Support is limited to 15 hours on a per project basis.



Tuesdays
BHI Level 1
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Suzanne Edwards
Statistical Consultant
Data, Design and Statistics Services
Adelaide Health Technology Assessment (AHTA)
School of Public Health
The University of Adelaide



BHI's Longest Table Lunch

Thank you to everyone who contributed a plate of food and donated to the BHI's 9th Longest Table on Tuesday 14 September. This year we raised \$1822 for the annual cancer fundraiser for The Hospital Research Foundation Group. If you missed the chance to donate, you still can!

<https://www.thelongesttable.com.au/table/bhi/>



TQEH Librarians

Every Wednesday a TQEH librarian, Anna or Rachel, visits the BHI (Room 1E.07). These librarians are from the SA Health Library Service, The Queen Elizabeth Hospital campus, and are available to assist you with constructing suitable literature and database searches for your research and help you obtain relevant material.

Please contact TQEH librarians anna.holasek@sa.gov.au or rachel.davey@sa.gov.au to arrange a Wednesday morning meeting, or another time at TQEH Library on level 5B of the Main Tower.

Alternatively, visit the library website at SALUS [<https://salus.sa.gov.au>] to view our services and resources or use the quick online chat option to contact us.

Please [register online](#) for a SALUS username and password to access online library resource.

Pre-review service for clinical research grants

All research studies, including grant funded research, require appropriate ethics and governance approvals before they can commence. Unlike the NHMRC, many funding bodies do not utilise a peer-review system as part of their grant funding rounds. This can lead to delays in researchers obtaining the post-award approvals that are required before they can start their projects. **The CALHN Research Office is offering pre-application scientific review of clinical human research projects by the CALHN HREC Chair, Mr Ian Tindall, with a view to facilitating efficient post-award approval processes.**

For further information and submission please contact the CALHN Research Office on Health.CALHNResearchEthics@sa.gov.au or call 7117 2230

CALHN Human Research Ethics Committee 2021 Submission and Meeting Dates for Applications

A list of all meeting dates can be found on the [BHI website](#)

HREC/IDSC Submission deadlines	CALHN HREC Meeting	IDSC Meeting
Monday 13 September 2021	Thursday 7 October 2021	
Monday 27 September 2021	Thursday 21 October 2021	
Monday 11 October 2021	Thursday 4 November 2021	Thursday 28 October 2021
Monday 25 October 2021	Thursday 18 November 2021	

The Central Adelaide Local Health Network Human Research Ethics Committee (CALHN HREC) will hold two meetings and with two submission deadlines each month in 2021.

The Investigational Drug Sub-Committee (IDSC) will continue to meet monthly.

Studies involving early phase trial of investigational medicinal products require review and approval from both the IDSC and CALHN HREC.

Supporting documents are to be submitted to CALHN HREC via email Health.CALHNResearchEthics@sa.gov.au

For more information please contact:

Investigational Drugs Subcommittee (IDSC) Mr Peter Siobodian or Dr Ada Lam Executive Officer, Specialist Pharmacist Phone: (08) 7074 1430 or (08) 7074 1150 peter.siobodian@sa.gov.au ada.lam@sa.gov.au	CALHN Human Research Ethics Committee (HREC) Ms Lisa Barrie CALHN HREC Level 3, Roma Mitchell House Phone: (08) 7117 2229 or (08) 8222 6841 Health.CALHNResearchEthics@sa.gov.au
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Animal Ethics

Animal ethics applications go through The University of Adelaide Animal Ethics Committee.

Details of meeting and submission dates: www.adelaide.edu.au/research-services/oreci/animal/applications/

Contact details for this committee:

Amanda Camporeale, Animal Ethics Officer

Phone: 8313 6310

Email: amanda.camporeale@adelaide.edu.au

WORK, HEALTH & SAFETY



A reminder that COVID19 vaccinations are available to all South Australians aged above 12 years and over.

For staff, the University and Hospital will support you to attend a vaccination appointment during work time, if prior arrangement has been made with your manager or supervisor, and if your absence will not disrupt the delivery of critical, time-sensitive work.

You can book an appointment at a vaccine hub or pharmacy through the [SA Health website](#), or attend the pop-up clinic in the [Myer Centre in Rundle Mall](#) for a walk-in appointment.

Mandatory vaccination is already required when working on the “Covid pathway” for CALHN staff. Full protection from the vaccine occurs 2 weeks after your second dose.

It is becoming increasingly likely borders will open, both international and domestic, and that a double vaccination will provide additional freedoms, or exceptions from restrictions in the future. If you were looking for a reason to make time for a vaccination, it is now!

PUBLICATIONS

If you wish to have a recent publication included, please send details to the BHI Communications Officer

rebecca.anderson@adelaide.edu.au

Ananthakrishna R, Lee S, Foote J, Sallustio B, Binda G, Mangoni A, Woodman R, Semsarian C, Horowitz JD, Selvanayagam J. Randomized controlled trial of perhexiline on regression of left ventricular hypertrophy in patients with symptomatic hypertrophic cardiomyopathy (RESOLVE-HCM trial). *American Heart Journal*. 240: 101-113, 2021 Oct. doi.org/10.1016/j.ahj.2021.06.010.

Bruera S, Carmona L, Lopez-Olivo M, Westrich-Robertson T, March L, Negron J, Christensen R, Strand V, Ingegnoli F, Goel N, Shea B, Tugwell P, Leong A, Bingham C, Hill C, Suarez-Almazor M. Development of a patient-centered core domain set for prospective observational longitudinal outcome studies in rheumatoid arthritis: an OMERACT initiative. *Seminars in Arthritis & Rheumatism*. 2021 Aug. doi.org/10.1016/j.semarthrit.2021.08.003.

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Najafi S, Mohammadi A, AsadollahSeraj H, Savadi P, Mansoori B, Nazari A, Mokhtarzadeh A, Roshani E, Duijf P, Cho W, Baradaran B. The synergy between miR-486-5p and tamoxifen causes profound cell death of tamoxifen-resistant breast cancer cells. *Biomedicine and Pharmacotherapy*. 141, 2021. Article Number: 111925, 2021 Sep. doi.org/10.1016/j.biopha.2021.111925.

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Saleem R, Vaidya S. A case of eccrine mucinous carcinoma involving scalp. *Cureus*. 13(7):e16469, 2021 Jul. doi.org/10.7759/cureus.16469.

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Zou D, Wang H, Liu X, Xu Z, Roberts M, Zhao C. Artificial cells for the treatment of liver diseases. *Acta Biomaterialia*. 130:98-114, 2021 Aug. doi.org/10.1016/j.actbio.2021.06.012.

Chatterjee S, Kawahara R, Tjondro H, Shaw D, Nenke M, Torpy D, Thaysen-Andersen M. Serum N-glycomics stratifies bacteremic patients infected with different pathogens. *Journal of Clinical Medicine*. 10(3):1-18 Article Number: 516, 2021. doi.org/10.3390/jcm10030516.

Dunn C, Hong W, Gibbs P, Ackland S, Sjoquist K, Tebbutt N, Price T, Burge M. Personalizing first-line systemic therapy in metastatic colorectal cancer: Is there a role for initial low-intensity therapy in 2021 and beyond? A perspective from members of the Australasian Gastrointestinal Trials Group. *Clinical Colorectal Cancer*. 20(3):245-255, 2021 Sep. doi.org/10.1016/j.clcc.2021.05.001.

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Pasupathy S, Beltrame J. Refining the Role of CMR Imaging in MINOCA. *JACC: Cardiovascular Imaging*. 14(9):1784-1786, 2021 Sep. doi.org/10.1016/j.jcmg.2021.03.024.

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PUBLICATIONS CONTINUED

If you wish to have a recent publication included, please send details to the BHI Communications Officer
rebecca.anderson@adelaide.edu.au

Dabbaghi M, Namjoshi S, Panchal B, Grice J, Prakash S, Roberts M, Mohammed Y. Viscoelastic and deformation characteristics of structurally different commercial topical systems. *Pharmaceutics*. 13(9) Article Number: 1351, 2021 Sep. doi.org/10.3390/pharmaceutics13091351.

Kellie J, Roach D, Dawson J. Regression of a large inflammatory abdominal aortic aneurysm with high-dose steroids. *ANZ Journal of Surgery*. 91(9):E591-E593, 2021 Sep. doi.org/10.1111/ans.16609.

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Ooi M, Duong T, Holman R, Huynh D, Lafta A, Grimpén F, Appleyard M, Rayner C, Nguyen N. Comparison of cap-assisted vs conventional endoscopic technique for management of food bolus impaction in the esophagus: Results of a multicenter randomized controlled trial. *American Journal of Gastroenterology*. 2021 Sep. doi.org/10.14309/ajg.0000000000001484.

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disease activity. *Seminars in Arthritis & Rheumatism*. 2021 Jul. doi.org/10.1016/j.semarthrit.2021.07.005.

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Grant Round Open: Innovations in Pain Management

The Hospital Research Foundation (THRF) Group is pleased to invite Expressions of Interest for its 2021 Targeted Grant Round in **Innovations in Pain Management**.

This Grant Round is open to researchers at all career stages in biomedical, medical, nursing, allied health, clinical, and other relevant fields. We especially encourage applications from interdisciplinary teams.

Applications for projects for up to \$200,000 (total) over 1-2 years will be considered.

We are particularly seeking innovative approaches to better understand and manage one or more of the following:

- Sub-acute Pain which is progressing towards chronic pain, but which may be prevented
- Recurrent pain, e.g. migraine
- Chronic pain that persists for longer than 3 months.

All proposals should have the ultimate goal of decreasing pain in their target population group.

Expressions of Interest will close 4pm on Wednesday 27 October 2021.

Visit [THRF website](#) to find more information about this Grant Round including the Guidelines and how to apply.

For more information, please contact our Research Strategy and Programs Office at savelives@hospitalresearch.com.au

'Healing' art exhibition now open

An incredible 40 artworks inspired by the theme of 'healing' can be viewed at the Centre for Creative Health (CCH) [Art Prize Finalist Exhibition](#) now showing at Light Square Gallery until 22 October.

Jasmine Crisp's stunning oil painting of '*Ruby Allegra: They had to share (a portrait of Ruby)*'! won the \$40,000 Main Prize from more than 400 entries.

The Gallery will be open Monday to Friday 9am-5pm, as well as Saturday 9 and 16 October from 1-4pm. You will also be able to vote for your favourite piece in the Stem People's Choice Award!



THRF GROUP NEWS CONTINUED

Join us to frighten off disease this Halloween!

Is there a disease you or family wants to see gone for good?

Host a Halloween event to raise funds for vital medical research through THRF Group!

Registration is free and you'll receive a complimentary goodie bag!

Find out more here: www.togetherfright.com.au



Integrated care clinic for Atrial Fibrillation



A clinical trial is underway at the Royal Adelaide Hospital which researchers hope will lead to a reduction in hospitalisations and deaths from the common heart condition, Atrial Fibrillation (AF).

Central Adelaide Local Health Network and Flinders University Professor of Cardiovascular Nursing, Professor Jeroen Hendriks, said the trial involved the creation of a specialised Integrated Care (iCARE) AF Clinic which could pave the way for future treatment of AF patients.

“A multidisciplinary team including a cardiologist, nurse, the patient and their carer, provides a comprehensive treatment approach. The use of new technology also plays a key role, with decision-support technology guiding the clinical team through the care process,” Prof Hendriks said.

The clinic has been established with support from THRF Group, with plans to expand the clinic at other sites including The Queen Elizabeth Hospital. [Learn more here.](#)

Will you be our next millionaire?

There are just nine days left to be in the Early Bird Draw for an astounding \$1,000,000 cash that could change your life in an instant!

Be sure to snap up a ticket before midnight on 15 October at www.homelottery.com.au and you will also stay in the draw for the \$3.1 million Grand Prize!

Your support helps fund life-changing medical research and improved treatments in hospitals for our community.



UPCOMING EVENTS



The Institute

30th TQEH Research Expo Thursday 14 & Friday 15 October 2021

Basil Hetzel Institute, Ground Floor Seminar Rooms, 37a Woodville Rd

Thursday: Mini-Oral Presentations

1:30pm Mini-Oral Presentations

3:10pm Afternoon tea

Friday: Presentations & Plenary Lecture

8:15am Honours & Summer Students

9:15 am Junior Laboratory Research

10:15am Morning Tea & Trade Displays

10:45am Senior Laboratory Research

12:00pm **Plenary Lecture: Dr Michael Cusack**
SA Chief Medical Officer

1:00pm Lunch & Trade Displays

2:00pm Junior Clinical Research

3:00pm Senior Clinical Research

4:00pm 3MT® & ECR talks & Award Presentations



Zoom links & more information will be available at bit.ly/3BMmWJl

Major sponsors of the 30th TQEH Research Expo



Health
Central Adelaide
Local Health Network



THE UNIVERSITY
of ADELAIDE



University of
South Australia



The Hospital Research
Foundation Group

UPCOMING EVENTS CONTINUED



The Institute

30th TQEH Research Expo Plenary Lecture 12pm Friday 15 October 2021



Dr Michael Cusack

SA Chief Medical Officer

“Outcomes & Data - 20 years on from Bristol”



Michael trained as an interventional cardiologist at Guys and St Thomas' Hospitals in London before taking a consultant post in the Midlands. In this role he was part of the team that established a regional centre to serve a population with historically poor access to cardiothoracic services. In addition to his clinical roles, Michael held the role of Medical Director for a National Health Service (NHS) Trust. He moved to Adelaide in 2017, initially as the Executive Director of Medical Services for the Northern Adelaide Local Health Network (NALHN) and more recently as the Chief Medical Officer for SA Health.

Michael's Plenary Lecture for the 30th TQEH Research Expo draws on his UK experiences to discuss how individual and unit data has been used to improve clinical performance and to empower patients with information about their treating clinician. He will examine this through the events associated with the public inquiry into paediatric heart at the Bristol Royal Infirmary in the NHS and their profound impact on healthcare in the UK.

Chair: Professor Guy Maddern, Director of Research, BHI, TQEH

12pm Friday 15 October 2021

Basil Hetzel Institute, Ground Floor Seminar Rooms, 37a Woodville Rd

This lecture will be available via [Zoom](#).

The full program, and Zoom links, can be found on the [BHI website](#).

UPCOMING EVENTS CONTINUED

Adelaide Biomed City Mini-Reviews

Past ABMC Mini-Reviews can be [viewed online](#).

Join via Zoom: sahmri.zoom.us/j/89356324895

Adelaide BioMed City

ABMC Research Mini-Reviews

Join our weekly webinar to find out
about current research activities
within the ABMC precinct.

Sessions are also recorded & available
on ABMC Website for later viewing.

University of Adelaide on Microbiome

Tuesday 19 October
4:30–5:00pm (ACDT)

Chaired by

Professor Andrew Zannettino

Dr Rob Bryant

Microbial manipulation in
inflammatory bowel disease

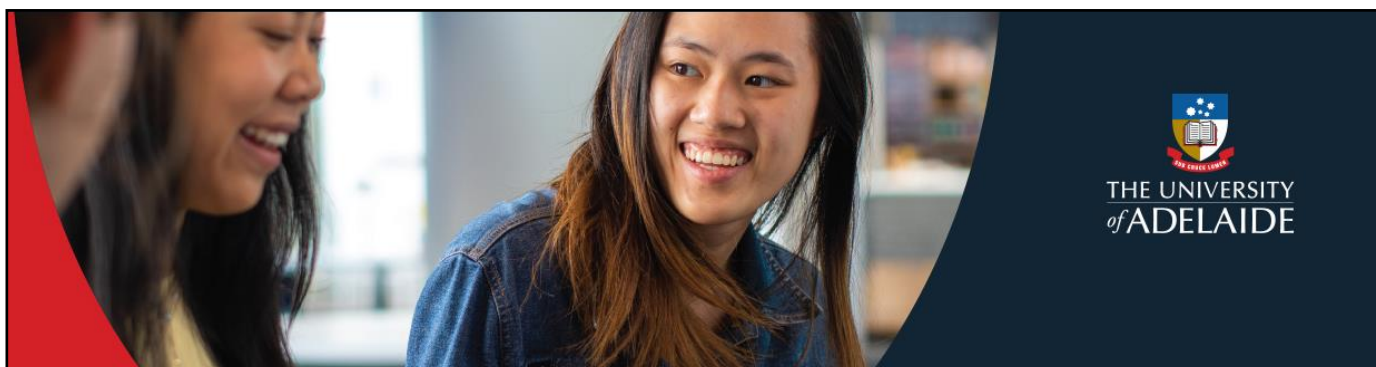
Dr Hannah Wardill

Oncogastroenterology – targeting
gut health to avoid side effects
of cancer therapy



UPCOMING EVENTS CONTINUED

for Early and Mid Career Researchers



The Modern Scientist: Career opportunities and pathways

Early/Mid Career Researcher Event

There is a wealth of opportunities for PhD graduates to develop exciting and challenging careers. However, navigating these can be difficult, you might be wondering – **where will I be in 5 years?** By hearing from PhD graduates who have used their training to develop diverse career pathways, this series of presentations followed by a panel discussion will open up new avenues of career possibilities for you to explore. Come along and be inspired!

Panel Speakers



nanotechnology and biology to improve human health, and she is passionate about research translation.

Prof Olga Shimoni is Senior Scientist at Alcolizer Technologies. Prior to that, she was a group leader at the UTS Faculty of Science and ARC-NHMRC Dementia Research Fellow. Her research captures innovations in chemistry,



supporting strategy and innovation. Terry has held a number of global senior strategic positions in both public and private sectors.

Dr Terry Sweeney is the founder of a global digital health advisory at the intersection of healthcare, big data and technology. He helps healthcare and life sciences organisations around the world to realise significant results from technology adoption,



Adelaide Medical School in 2009, and since then has worked with Faculty, DVCR and Research Services to support research activities and administer grant-funded

Dr Cadence Haynes is the University of Adelaide's MRFF Opportunities Manager within the Strategic Research Team, overseeing major competitive grant schemes across Health, Biotech and Medical Research. She completed her PhD at the

programs. She is currently a member of the University's Health and Medical Industries Engagement Coordinating Group and is undertaking a visiting fellowship with Health Translation SA.



also President-elect to Science and Technology Australia, the peak body in Australia that represents 88,000 scientists.

Prof Mark Hutchinson is the Director of the ARC Centre of Excellence for Nanoscale BioPhotonics, an Australian Research Council Future Fellow and a Professor within the Adelaide Medical School at the University of Adelaide. Mark is



academic, she now sits at the interface between science and the public, helping to turn ideas into impact through storytelling. She believes that creating clear and consistent narrative, engaging broadly with consumers, authenticity, integrity and humour are the keys to effective communication.

Dr Hannah Brown is an Adelaide born and educated, internationally trained, researcher-turned-leader and communicator who leads Science Strategy and Operations at the Victorian Heart Institute. Having trained and worked as an

Details

When: Tuesday 12th October, 2021

Where: Adelaide Health and Medical Sciences Building G030 Lecture Theatre 1

Time: 10:00am – 12:30pm, including catered lunch

How to register: <https://www.eventbrite.com.au/e/the-modern-scientist-career-opportunities-and-pathways-tickets-167388424283>

Further enquiries

Adelaide Medical School EMCR sub-committee

Email: ams_emcr@adelaide.edu.au

Presented by the Adelaide Medical/Biomedical School Research Committee

UPCOMING EVENTS CONTINUED



60TH ASMR NATIONAL SCIENTIFIC CONFERENCE

INSPIRATION to IMPLEMENTATION

EXAMINING THE PIPELINE FROM DISCOVERY
TO TRANSLATION AND INNOVATION

22 - 23 NOVEMBER 2021



**PROFESSIONAL
DEVELOPMENT**

ORATORS



Prof David Craik
AWT EDWARDS
ORATOR



Dr Rob Grenfell
CSIRO



Prof Peter Doherty
Doherty



A/Prof Joshua Vogel
Burnet

PLENARY SPEAKERS



Dr Tamika Heiden,
Research Impact Academy
Research Impact



Dr Shalin Naik,
WEHI
Science Communication

KEYNOTE SPEAKERS



Prof Jane Harding
FIRKIN
ORATOR



Prof Mark Febbraio
Monash



Prof Fabienne Mackay
QIMR



Prof Kate Schroder
UQ



Prof Karen Canfell
Cancer Council



Adj/Prof Alison Todd
SpeedX



Prof Paul Young
UQ



Prof Jeffrey Braithwaite
Macquarie



Prof Sharon Lewin
Doherty

Virtual Conference:

*Create your own Avatar!

*Virtual networking & lounging

*Interactive virtual poster sessions

*Zoom oral presentations + interactive Q&A sessions



Gather

Best oral & poster presentation awards available for students and ECRs!

EMCRs Apply for the Peter Doherty Leading Light Award
(due 8th Oct 2021)

Abstract submission deadline now 18 Oct

ASMR member/non-member = \$30/\$75

ASMR Student member/non-member = \$20/\$50

ASMR.ORG.AU/NSC-WELCOME



Sponsors:	Platinum	Oration	Gold	Silver	Bronze	Session

UPCOMING EVENTS CONTINUED

Celebrating our local advances in pharmacy, pharmacology and pharmaceutical science



SAVE THE DATE! **ADELAIDE PHARMACOLOGY GROUP 27th ANNUAL SCIENTIFIC MEETING**

Friday 3rd December 2021

Room G030, Ground Floor,
Adelaide Health and Medical Sciences Building
-Further details to follow-

CALL FOR CONTENT!

Are you a PhD student or ECR and would like to share your research?
Please email your name, institution, contact number and draft
presentation title to Hayley.Schultz@unisa.edu.au
We aim to organise diverse speakers representing all institutions.

REGISTRATIONS ARE ESSENTIAL – [REGISTER HERE](#) BY 25/11/2021

We look forward to seeing you there!

APG President Prof Betty Sallustio & co-chairs Dr Hayley Schultz and Dr Rachael Farrington

OPPORTUNITIES



Beat Cancer
Project

CANCER COUNCIL SA BEAT CANCER PROJECT CLINICAL INVESTIGATOR AWARD GUIDELINES

Closing Date for Applications: 10th November 2021 - 5pm ACST

Applications are invited for the newly introduced Clinical Investigator Award scheme, offered through **Cancer Council SA's Beat Cancer Project**.

The Beat Cancer Project is funded by Cancer Council SA and the SA Government (through SA Health) and administered by the South Australian Health and Medical Research Institute (SAHMRI). Further details are available on the Beat Cancer Project [website](#).

Aim of Clinical Investigator Award

The aim of the Clinical Investigator Award is to stimulate and encourage the clinical cancer research workforce capacity in South Australia. Seed funding will be awarded to early/mid-career clinician researchers who are looking to establish research programs in South Australia that align with the Beat Cancer Project objectives of:

- Scientific excellence
- Health relevance
- Research collaboration
- Translation of research results
- Mentoring and career development of early-career researchers
- Fostering the acquisition of NHMRC and other research funding.

Applications are invited from researchers from multiple clinical disciplines, including nursing, allied and public health professionals, with particular consideration given to applicants specializing in Aboriginal health equity research and Indigenous researchers.

Funding Available

Four (4) Beat Cancer Project Clinical Investigator Awards will be available in this round. The funding scheme aims to provide financial support through a once only grant of **\$80,000**. The appointment will be for a one-year period and will not be renewable.

Eligibility

The intent of the Clinical Investigator Award scheme is to provide support for early career clinical researchers to establish their clinical research programs.

To be eligible to apply for the Clinical Investigator Award, applicants need to be a medical graduate or a graduate of another clinical discipline with a definitive clinical appointment of at least 0.2 FTE. Applicants must be employed by a South Australian Institution and be located and conduct their research primarily in South Australia for the duration of the funding period.

Applicants need to have a PhD or equivalent qualification. Researchers without these qualification/s may be able to demonstrate an equivalent track record through evidence of postgraduate training, peer-reviewed publications, grant acquisitions and other achievements.

Applicants **must be within 10 years of PhD** or equivalent qualification being attained, or must submit their thesis by 31 December in the year of application. Where applicable, evidence of PhD pass date must be provided.



Beat Cancer
Project

CANCER COUNCIL SA BEAT CANCER PROJECT EARLY-CAREER RESEARCH FELLOWSHIPS FUNDING GUIDELINES

Closing Date for Applications: Wednesday 10th November 2021 - 5pm ACST

Applications are invited for Early-Career Research (ECR) Fellowships offered through **Cancer Council SA's Beat Cancer Project**.

The Beat Cancer Project is funded by Cancer Council SA and the SA Government (through SA Health) and administered by the South Australian Health and Medical Research Institute (SAHMRI). Further details are available on the Beat Cancer Project [website](#).

Aim of Early-Career Research Fellowship

The aim of the ECR Fellowship program is to build research workforce capacity in South Australia, primarily by advancing the careers of post-doctoral researchers and by addressing Beat Cancer Project objectives of scientific excellence, health relevance, research collaboration, translation of research results, mentoring and career development of early-career researchers, and fostering the acquisition of NHMRC and other research funding.

Applications are invited from researchers across the research spectrum, however particular consideration will be made to researchers from the health services, population health and biomedical disciplines. The scheme is also highly suited to those individuals currently working overseas or interstate who are seeking support to return to a South Australian Institution. Fellowships are open to research scientists, clinicians, as well as public or allied health professionals or professionals in health services administration.

Funding Available

Two (2) Beat Cancer Project ECR Fellowship Packages will be available in this round. The funding scheme aims to provide financial support through a package of up to **\$80,000 per annum for 3 years for a full-time position, with the value of the award adjusted pro-rata**.

The scheme will **only** support cancer researchers who can bring matched dollar-for-dollar funding, taking the collective value of each package to up to \$160,000 per year. **The matched funding component is essential and can be from more than one source. The matched funding cannot be provided by SA Health or Cancer Council SA.**

Applicants that are unable to provide matched funding will not be considered. In-kind support will not be considered as matched funding.

Funding includes provision for non-salary expenses. This may be complemented by Institutional funding, depending on the associated employing Institutions remuneration practices. The appointment will be for a 3 year period and will not be renewable.

Eligibility

The intent of the ECR Fellowship scheme is to provide salary support for early-career researchers and build the early-career workforce. **It is not possible to hold a Beat Cancer Project ECR Fellowship while simultaneously holding a Fellowship from another funding body e.g. NHMRC.**

To be eligible for an ECR Fellowship, applicants will usually have a PhD or equivalent qualification, but others without these qualification/s may be able to demonstrate an equivalent track record through evidence of postgraduate training, peer-reviewed publications, grant acquisitions and other achievements.