



The Institute

basil hetzel institute for translational health research

MONTHLY BULLETIN FOR TQEH RESEARCH COMMUNITY

WINNING NEWS

www.basilhetzelinstitute.com.au

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Grant Success for ENT Surgery

The Garnett Passe and Rodney Williams Memorial Foundation

A personalised therapeutic plan for *S.aureus* recalcitrant CRS

\$362,363 2020-2022

CIA: Associate Professor Alkis Psaltis

CIB: Dr Mahnaz Ramezanzpour

CIC: Associate Professor Sarah Vreugde

ENT Surgery, Basil Hetzel Institute, TQEH & The University of Adelaide



L-R: A/Prof Sarah Vreugde, A/Prof Alkis Psaltis, Dr Mahnaz Ramezanzpour

A PERSONALISED THERAPEUTIC PLAN FOR *S. AUREUS* RECALCITRANT CRS

Chronic Rhinosinusitis (CRS) prompts 24 million patient visits in the US, placing it in the top 10 disabling chronic conditions with an economic burden of \$US60.2-64.5 billion annually. The mainstay of treatment for CRS is antibiotics and in fact, CRS is the most common disease treated with antibiotics. The widespread and often long-term use of antibiotics for CRS continues to significantly contribute to the global threat of antibiotic resistance and antibiotics remains an ineffective treatment. This project will constitute a major breakthrough in understanding the aetiopathogenesis of CRS with the potential for a new treatment paradigm that has the potential to cure the disease. This project aims to (1) develop an antimicrobial formulation that is specifically designed to deplete virulent *S. aureus* strains followed by (2) developing and testing a microbiome transplant-based therapy. Specifically, optimisation of the formulation using *in vitro* microbiology assays will be followed by preclinical safety and efficacy studies in our established sheep model of sinusitis, providing the rationale for validation in a Phase 1 Human Clinical Trial.

FEBRUARY

2020

ISSUE 130

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BHI SEMINARS

BHI Staff/Student Seminars

1pm Tuesdays
commence 3 March

BHI Invited Speaker Seminar

[Professor John Spertus](#)

12pm Wednesday 19 February
lunch to follow

All seminars take place in the BHI
Ground Floor Seminar Rooms

UPCOMING EVENTS

BHI Mindfulness Session

12pm Monday 17 February

BHI Induction Session

10am Friday 21 February

BHI Off the Clock

4pm Wednesday 26 February

BHI HUB

Scientific Director Joy Rathjen

BHI First Floor
Phone: 8222 6524
joy.rathjen@sa.gov.au
Work days: Monday - Wednesday



The BHI Winning News is a little later this month because the team has been compiling the Annual BHI Research Report for 2019. I cannot take credit for this process, that goes to Dr Rebecca Anderson (BHI Communications Officer) and Ms Gwenda Graves (Research Secretariat) who collect and compile all the diverse research outputs of The Institute throughout the year, check and double check that they have captured everything, and then collate it all into the final document. As always, the Annual Report will record an impressive amount of research activity from the research programs of The Institute. Our thanks go to [Icarus Design](#) and to [The Hospital Research Foundation Group](#). Their support of the Annual BHI Research Report is greatly appreciated.

My role has been to consider how we might turn the often dry indicators of research excellence – publication metrics, presentations, student completions and patents, for example, into stories of success that demonstrate how The Institute's research is really making a difference to clinical practice and patient care at the The Queen Elizabeth Hospital, across South Australia, as well as nationally and internationally. This process has made me think deeply about how best to communicate the success of BHI research and researchers with the supporters of The Institute. The report will be released at the end of March after it has been presented to the BHI Policy Committee. I think that following the release of the report I will use the BHI Winning News to highlight a different research story every month. Watch this space...

BHI Facility Manager Kathryn Hudson

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BHI Communications Officer Rebecca Anderson

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Work days: 9-3pm Tuesday - Thursday



AmbIGeM team: SA Health Award Finalists



L-R: Dr Joanne Dollard (Trial Coordinator), Mr Stephen Hoskins (GEM Unit Nurse Manager), Professor Renuka Visvanathan (CIA), A/Professor Damith Ranasinghe (CIC) and GEM nurses Fiona Rainsford, Janice Manning

The AmbIGeM team [Ambient Intelligent Geriatric Management] were very excited to have the AmbIGeM system and trial nominated as a Finalist for a SA Health Award, the Minister's Research and Innovation Award, for "Partnering with staff and Consumers in Co-Designing a Technological Innovation (AmbIGeM) to Prevent Falls and Harm from Falls".

The team celebrated their achievements at the SA Health Awards Ceremony on the 22nd November at the Adelaide Town Hall.

This [video](#) was shown at the Awards Presentation Ceremony.

The Ambient Intelligent Geriatric Management (AmbIGeM) system is a technological solution to prevent falls in older patients in hospital, through wearable sensors. The AmbIGeM system detects movement of older patients who are assessed as needing supervision when moving. Nurses receive an alert of the movement via a mobile phone, giving them the opportunity to provide supervision. The AmbIGeM trial, funded by a \$1.6 million NHMRC project grant with Professor Renuka Visvanathan as Chief Investigator, was trialled to see if it reduced the falls rate in three wards at The Queen Elizabeth Hospital in Adelaide and Sir Charles Gairdner Hospital in Perth. The trial is now complete. Over 3,000 participants were recruited over two years and results are forthcoming. Further information about our protocol can be found [here](#).

A [video animation about AmbIGeM](#) was created in partnership with University of South Australia Bachelor of Design (Visual Communication) students last year (see July 2019 edition of BHI Winning News).

AmbIGeM



Awards

Associate Professor Sarah Vreugde was awarded an Executive Dean's Award for Mid-Career Scientific Excellence. Professor Ben Kile, the Executive Dean of the Faculty of Health and Medical Sciences at The University of Adelaide, presented Sarah with her award at a ceremony held on Friday 13 December, 2019.



Solid Tumour Group PhD student **Reger Mikael** has been awarded a Hans-Jurgen and Marianne Ohff Research Grant, valued at \$5,000, to spend 6 months at the University of Göttingen in Germany. Reger will spend his time at the Institute of Human Genetics to learn the Mutation-Mining Technique which is not available to students in Adelaide. He will use this technique to analyse and interpret exome sequencing data that he has already gathered from 100 young adults with colorectal cancer with the aim to identify potential novel cancer-associated genes.

Reger explains his project in more detail here: In recent years, evidence suggests that there is a rising trend of colorectal cancer (CRC) in young adults in the USA, Australia and many other countries without a well-known cause being reported. This is a serious health concern because CRC in young adults results in increasing burden of disease through long term morbidity and life years lost. Young adults with CRC often present with advanced stages of the disease with increased prevalence of aggressive histopathological features, and frequently receive aggressive chemotherapies. Up to 50% of the cases have a family history with the disease, suggesting a germline genetic role. Identification of the underlying genetic cause in young adults with CRC is of utmost importance for proper clinical management of the patient and their families. Given the wide spectrum of possible causal variants in these patients, multigene panels or whole exome sequencing is advised. The aim of my study is to perform whole-exome sequencing, on blood DNA from young adults with CRC, to determine the proportion with known actionable mutations, as well as to discover new genes for CRC in young adults.

The Mutation-Mining (MM) Team at the University of Göttingen searches the data generated by next-generation sequencing (NGS)-based analyses to detect novel causative genes and mutations. The Mutation-Mining strategy depends on an innovative bioinformatics pipeline and a multidisciplinary team of clinicians and researchers who collaboratively analyse the data and interpret the relevance of identified variants. Another aim of the MM team is to establish sustainable clinical and bioinformatics strategies for interpretation of potentially causative variants in whole-exome sequencing. On my return I intend to share my knowledge with other students and researchers.

Introducing new BHI, TQEH staff



Jessie Bennett

Research Officer, Surgical Sciences Research Group

Level 6A Department of Surgery, TQEH. jessie.bennett@sa.gov.au

Jessie will be assisting with the management of clinical trials, surgery databases and coordination of research based meetings and activities within the Department of Surgery.



Karen Hon

Research Assistant, ENT Surgery

Level 1 Basil Hetzel Institute, TQEH. karen.hon@adelaide.edu.au

Karen will be assisting the ENT staff and student team in a range of tasks including laboratory duties and experiments and ethics applications as well as tissue collection from surgical theatres and follow-ups with clinical trial patients.



Deanna Mazzarolo, Research Officer, Surgical Sciences Research Group

Level 6A Department of Surgery, TQEH. deanna.mazzarolo@sa.gov.au

Deanna will be assisting in the co-ordination of clinical trials in the Department of Surgery at TQEH. She worked previously at Bionomics as a research assistant in the neuroscience group, developing small molecule therapeutics for the treatment of disorders affecting the central nervous system.



Mark Thompson

Research Fellow, Adelaide GTRAC Centre

Ground Floor Basil Hetzel Institute, TQEH. mark.thompson@adelaide.edu.au

Mark was recently appointed as a part-time Research Fellow to the NHMRC CRE Frailty and Healthy Ageing. Mark submitted his PhD thesis in Dec 2019 (it is currently under examination) on the topic "Frailty in older adults: Findings from longitudinal studies." His current research is focused on frailty and sarcopenia in acute and residential care, together with the primary care management of older adults. Mark also works as an Occupational Therapist in community-based aged care, and Aboriginal health.



Dr Tamara Varcoe,

Research Associate, The Health Observatory

Ground Floor Basil Hetzel Institute, TQEH. tamara.varcoe@unisa.edu.au

Tamara's research is focused on testing the effectiveness of a brief cognitive behavioural therapy (CBT) intervention to improve sleep and coping skills in patients at TQEH. It is expected that an improvement in patient coping and sleep will improve patient recovery following discharge and reduce potentially preventable readmissions. Tamara is also working on a project to develop CBT for sleep disturbance in pregnant women at the Flinders Medical Centre, in the hope of providing a non-pharmaceutical evidence based treatment option for the large number of women who experience sleep difficulties during pregnancy.

A quirky marriage story involving new equipment!

A Perkin Elmer model 2450 Microbeta2 counter for radiometric & luminescence detection was recently purchased with funding from [The Hospital Research Foundation](#) (value \$60,800).

This new equipment is a 2 detector microplate counter that measures beta radiation (tritium [H3] and C-14) and luminescence in 96 well or 24 well plate formats, with samples contained in microplates, liquid scintillation vials (4ml), Eppendorf tubes (<2ml) and filtermats. Unique detector design (dual PMTs) provides superior efficiency with low background readings.

The counter, installed in mid-December 2019, will be used primarily for measuring the penetration of compounds into and through the skin using small doses of radioactively-labelled drugs (tritium- and C-14 labelled) by the Therapeutic Research Centre, to study pharmacokinetic and safety perspectives associated with drug delivery. It will also be used for cell proliferation and enzyme activity assays and oxidative stress assessment by the Cardiovascular Pathophysiology and Therapeutics Group and the Zinc and Cardiovascular Disease Research Group.

This machine replaces the original Wallac model 1450 Microbeta TriLux microplate scintillation and luminescence counter, which was purchased from ACC Emerging technologies, in 1998. Back then it was used mainly by the Transplantation Immunology group for MLR (mixed lymphocyte reaction) assays combined with proliferation (tritiated thymidine) assays to quantitate the cellular immune response between different populations of cells. This equipment enabled the study of possible donor-recipient incompatibilities for kidney graft transplants and assisted in the prediction of better outcomes for transplantation. Additional users were scientists from The University of Adelaide's Obstetrics and Gynaecology department as well as TQEH departments of Cardiology, Clinical Pharmacology and Haematology Oncology.

Photo right: L-R Dr Azadeh Alinghi (Therapeutics Research Centre) with Perkin Elmer national product specialist Nicholas Jones & service engineer Mark Hanniffy at installation/training.

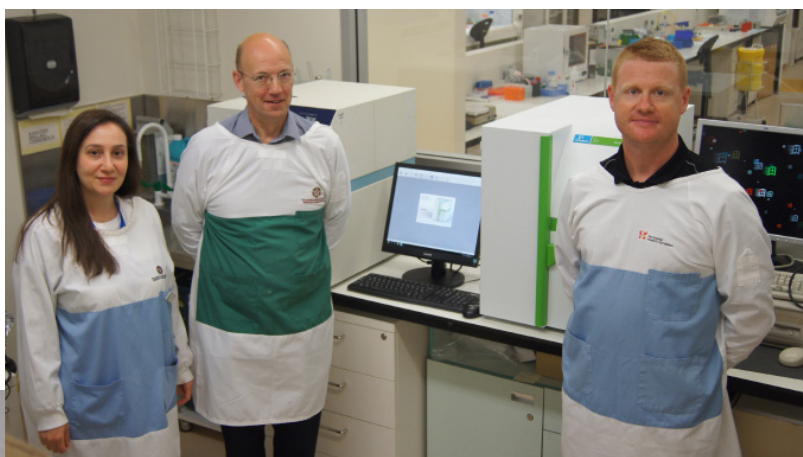


Photo left: L-R Marilyn Wright, ACC Emerging Technologies product specialist, with Haematology-Oncology students Belinda Edmonds, Damien Hussey and Dr Ravi Krishnan, principal Transplantation Immunology scientist in February 1998.



Photo right: Nicholas Jones standing next to the original Wallac microbeta counter, which quite coincidentally, was installed 21 years ago by his now wife Marilyn Wright!



Farewell Professor Eric Gowans!

The BHI community said “farewell and enjoy retirement” to Professor Eric Gowans on the 18th of December. Eric has led the Virology Group at the BHI since 2010. At his final seminar, Eric presented some of his career reflections to a packed audience. His messages included; It wasn’t all good times, it wasn’t a straight path, you need to have passion about your research, and he also gave some simple advice about working hard and letting your results speak for themselves....

Research and development into novel vaccines will continue with Dr Branka Grubor-Bauk now leading the team.

Eric has retired from The University of Adelaide, but will continue his important work with the Rett Syndrome Association of Australia, beginning with organising the scientific content for the [2020 World Rett Syndrome congress](#).

Following Eric’s farewell seminar a very successful End of Year Lunch was held, which was expertly organised by Kathryn Hudson, BHI Facility Manager. A delicious paella and grazing table were prepared onsite by “[Food according to Bree](#)”. Bree May is an ambassador for The Longest Table, a major fundraising initiative of The Hospital Research Foundation. Thanks also go to [The Hospital Research Foundation](#) for their generous supply of chocolates!



 the hospital
research foundation

TOGETHER. FIGHT.

End of Year Lunch



TOGETHER. FIGHT.



AusHealth® Research

aushealthresearch.com.au

Pictured right is CALHN's Professor Michael Brown talking to the media on 23 November 2019 about the clinical trial of APOMAB® commencing in 2020 at the Royal Adelaide Hospital.

Click <https://vimeo.com/388372139> to play the video, courtesy of Channel 9.



ABOUT AUSHEALTH RESEARCH

AusHealth Research is a division of AusHealth, which is a wholly owned subsidiary of the Central Adelaide Local Health Network (CALHN) and its exclusive commercialisation agent.

AusHealth is a financially sustainable entity that reinvests profits from its revenue driven divisions AusHealth Work and AusHealth Hospitals into AusHealth Research to fast track the development and commercialisation of hospital research into leading edge medical technologies and treatments.

Since 1985, AusHealth Research has provided over \$42 million of funding towards the development of leading-edge medical technologies within CALHN and licensed technologies to companies today worth \$1.7 billion.

NEW PROJECTS

In 2019, AusHealth Research invested \$1.7 million into commercialisation of medical technologies created or developed by employees of CALHN including:

APOMAB®

The APOMAB® technology was developed at the Royal Adelaide Hospital, it utilises antibodies to target the La/SSB protein, which is specifically expressed by distressed cancer cells such as those found in patients that have been pre-treated with chemotherapeutic agents.

In November 2019, AusHealth announced that a clinical trial of APOMAB® will be conducted at the Royal Adelaide Hospital in 2020.

OUR TEAM

If you have a new health-tech idea, or research findings with commercial potential please contact our team.



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OUR COMMERCIALISATION SERVICES

- Intellectual Property advice, protection, management & strategy.
- Proof-of-concept funding towards IP development & commercial milestones.
- Business development & path to market strategy.
- Identification of licensees and strategic industry partnerships.
- Commercialisation grants: advice & support.
- Commercialisation contractual services; negotiation and deal-making for IP licensing and spin-off ventures.

BHI STUDENT NEWS

BHI STUDENT REPS 2019-2020



Bimala Dhakal (Level 1)

bimala.dhakal@adelaide.edu.au



Gohar Shaghayegh (Level 1)

gohar.shaghayegh@adelaide.edu.au



Sadik Abdella (Level 2)

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BHI Off the Clock

Please join us, the BHI Student Reps, for the BHI 'Off the Clock' events on the last Wednesday of each month in the ground floor BHI seminar rooms. These events are generously supported by The Hospital Research Foundation.

This is a student initiative, aimed at providing all staff and students with the opportunity to socialise and network in a casual environment. It is also a chance for new researchers to discuss their work with staff from THRF.

4pm 26th February

BHI Ground Floor Seminar Rooms

37a Woodville Road, Woodville South

Be sure to come along and meet some new people and make those who are new to the BHI feel welcome!

Farewell to Beatriz

Dr Beatriz Martins, a final year PhD student with Adelaide GTRAC Centre, has left for Melbourne to start a new position as a geriatrician. Beatriz (centre of photo below) was farewelled at a January lunch by members of her research group, including her PhD supervisor Professor Renuka Visvanathan, as well as Kathryn Hudson and Gwenda Graves.



Mindfulness sessions

12pm every second Monday (17 February, 2 March, 16 March)

BHI Ground floor seminar rooms

see flyer on page 17 for more details

Reverend Nicholas Rundle, a qualified secular meditation teacher, will be running these sessions for BHI and TQEH staff and students each fortnight. Everyone is welcome to attend these free sessions.

Summer Vacation Students



BHI summer vacation students, 4 of whom were supported by The Hospital Research Foundation [vacation scholarships](#) and their host TQEH departments, enjoyed their 6-8 weeks in the lab (L-R: Kiera, Jessica, Alistair, Shalene, and Delu in the lab photo).

They were hosted by researchers in the Surgical Science Research Group (Kiera), Solid Tumour Group (Jessica), Cardiovascular Pathophysiology and Therapeutics Group (Alistair and Shalene) and the ENT Surgery Group (Delu).



COMMUNITY ENGAGEMENT



the hospital
research foundation

Community Group Presentations

THRF are always looking for BHI researchers to present at community group events. It is a wonderful opportunity for you to practice your public speaking skills, and present your work to a lay audience! If you are interested or would like some more information, please contact Brendan Hardman at THRF on 8244 1100 or bhardman@hospitalresearch.com.au

Adelaide zika virus discovery

BRAD CROUCH
HEALTH REPORTER

ADELAIDE University researchers have made a major breakthrough in the fight against zika virus by developing a vaccine that has proven successful in mice.

The researchers say it could potentially lead to global elimination of the disease.

The team, led by Professor Eric Gowans and Dr Branka Grubor-Bauk in collaboration with Adelaide university researchers, say an effective vaccine for the virus will prevent infected pregnant women from having babies with congenital defects.

Zika is a mosquito-transmitted flavivirus which can cause birth defects such as microcephaly where a baby's head is significantly smaller than expected.

Dr Grubor-Bauk said the vaccine had proved effective in mice. "This is the first vaccine study that shows that a T cell-

based vaccine can confer protection against a systemic zika infection," she said.

"Our vaccine offers an advantage over other vaccines in development by eliminating the ongoing concerns in the field about enhancement of infection following exposure to the dengue virus."

"We can progress this work and immunise women who are of reproductive age and most at risk, we can stop the devastating effects of zika infection in pregnancy and make a huge difference to the health of the global community."

Funding from the National Foundation for Medical Research and Innovation and The Hospital Research Foundation has been integral to the research.

Dr Grubor-Bauk said the next step was to advance the vaccine to being ready for Phase I human clinical trials.

The findings have been published in the leading international journal *Science Advances*.

Dr Branka Grubor-Bauk: multiple media 13-14 December

Dr Branka Grubor-Bauk featured on the [Channel 9 news](#), and in The Advertiser, as well as being picked up by other national and international [media outlets](#) in response to a media release about their research into developing a vaccine against Zika virus that was published in [Science Advances](#) on the 11th of December.



Professor John Horowitz The Advertiser, 11 January

Professor John Horowitz, who leads the Cardiovascular Pathophysiology and Therapeutics Group, at the BHI, raised concerns about 'broken heart syndrome' or Takotsubo Syndrome in relation to the stress induced to the summer's bushfire season.



Uniyme Jasper: Probus Club, 20 January



PhD student in the Adelaide GTRAC Centre, **Uniyme Jasper**, spoke with members of the Probus Club about his research and his work as a physiotherapist. His qualitative study is "Evaluating the knowledge, attitude and strategies for reducing sedentary behaviour and increasing physical activity among older patients, carers and health professionals in hospitals."

GENERAL INFORMATION

STATISTICIAN AT THE BHI

Suzanne Edwards works at the BHI on Tuesdays. She is available 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
Room 1E.07
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suzanne.edwards@adelaide.edu.au

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

TQEH Librarians

Regular weekly visits by TQEH librarians resume Wednesday March 4 (BHI Room 1-E07).

A librarian from the SA Health Library Service, The Queen Elizabeth Hospital campus will be available to assist you with constructing suitable literature and database searches for your research and help you obtain relevant material. AutoAlerts can also be configured by library staff to automatically deliver the latest results from a saved database search directly to your preferred email account.

Please contact [Anna Holasek](#) and [Rachel Davey](#), to arrange a meeting with them at TQEH Library on level 5B of the main building. Alternatively, visit our website at <https://salus.sa.gov.au> to view our services and resources or use the quick online chat option to contact us. To access any of the electronic resources you will need to register online for a SALUS username and password.

To access any of the electronic resources you will need to [register online](#) on the library homepage.

Funding Opportunities

BHI Bulletin of Funding

The [BHI Bulletin of Funding](#), which can be found on the BHI website, is updated regularly by the CALHN Research Office.



The Institute

basil hetzel institute for translational health research

TQEH Research Secretariat Contact Details
Ground Floor, (DX465101)
Basil Hetzel Institute for Translational Health Research
The Queen Elizabeth Hospital
28 Woodville Rd, WOODVILLE SOUTH 5011
Phone: 08 8222 7836 Fax: 08 8222 7872
Email: gwenda.graves@sa.gov.au

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 2020 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 20 January 2020	Thursday 13 February 2020	
Monday 3 February 2020	Thursday 27 February 2020	Thursday 27 February 2020
Monday 17 February 2020	Thursday 12 March 2020	
Monday 2 March 2020	Thursday 26 March 2020	Thursday 26 March 2020

The Central Adelaide Local Health Network Human Research Ethics Committee (CALHN HREC) will hold two meetings and with two submission deadlines each month in 2020.

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

Research studies involving investigational medicinal products require review and approval from both the IDSC and CALHN HREC.

ALL HREC meetings will continue to be held on Thursdays at Roma Mitchell House, Level 3, 136 North Terrace, Adelaide.

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

All animal ethics applications now 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

Communications

Communication is the basis of any effective WHS system. Communication is important for disseminating important information affecting WHS matters, and in the consultation phase when developing practices.

At the BHI, we distribute WHS news through email, noticeboards, newsletters such as this one, the “code of conduct” folders and electronically on the BHI Intranet.

Perhaps the most important method of communication used at the BHI are the bhiresearch email listings. BHI staff and students will need it to be kept up to date on safety information, any service shutdowns, lost orders, seminar information, morning teas, store information and other information relating to The Institute. You should be a part of two email lists, one for your floor, and one for the whole institute.

The email addresses used to send messages to The Institute researchers are:

bhiresearch@googlegroups.com
groundfloorbhi@googlegroups.com
firstfloorbhi@googlegroups.com
secondfloorbhi@googlegroups.com

Other email listings are used to share information relevant to BHI activities as well (such as seminars and other news). If you are not receiving the BHI emails, please let Kathryn know kathryn.hudson@sa.gov.au



UPCOMING EVENTS

THE QUEEN ELIZABETH HOSPITAL



The Institute
basil hetzel institute for translational health research

February - April 2020

BHI Invited Speaker Seminars

basilhetzelinstitute.com.au/events

Seminars will be held in the Ground Floor Seminar Rooms
Basil Hetzel Institute, TQEH, 37a Woodville Road, Woodville South

12pm, Wednesday 19th February

SPEAKER: Professor John Spertus, University of Missouri-Kansas City and Saint Luke's Mid America Heart Institute, Kansas City, USA

TITLE: *The ISCHEMIA Trial – Identifying the Optimal Management Strategy for patients with Stable Ischemic Heart Disease*

CHAIR: Dr Rosanna Tavella, Clinical Data Manager, Translational Vascular Function Research Collaborative, The University of Adelaide and Basil Hetzel Institute, TQEH. rosanna.tavella@adelaide.edu.au

1pm, Wednesday 11th March

SPEAKER: Assistant Professor Rachel Dreyer, Center for Outcomes Research and Evaluation (CORE), Yale University School of Medicine (Emergency Medicine), New Haven, Connecticut, USA

TITLE: *Improving Outcomes for Women with Cardiovascular Disease: Past, Present and Future Research*

CHAIRS: Professor John Beltrame, Michell Chair of Medicine, The University of Adelaide and Director of Research, CALHN. john.beltrame@adelaide.edu.au

1pm, Tuesday 7th April

SPEAKER: Dr Jess Borger, Monash University, Melbourne, Australia and the University of Edinburgh, UK

TITLE: *The role of the transmembrane protein Caveolin-1 in T cell signaling and extracellular communication*

CHAIR: Associate Professor Wendy Ingman, THRF Breast Cancer Research Fellow, Breast Biology and Cancer Unit, The University of Adelaide and Basil Hetzel Institute, TQEH. wendy.ingman@adelaide.edu.au

Please Note:

All Honours and Postgraduate research students based at TQEH campus are required to attend at least two thirds of the BHI Seminar Programs.

Attending students are requested to sign the attendance sheet each session. University of Adelaide students attending these seminars gain 1hr CaRST (refer to UoA website for more information).

UPCOMING EVENTS CONTINUED

Central Adelaide Local Health Network

Meditation Program on Mondays @ BHI

03/02, 17/02, 02/03, 16/03, 30/03, 06/04,
20/04, 04/05, 18/05, 01/06, 15/06

1200 – 1225 hrs Drop in workshop to learn and practice some brief 1 – 3 minute 'Spot Meditations' for home and work.

1230 – 1250 hrs Guided 'Standard' Meditation

- These non-religious sessions are for TQEH and BHI staff and volunteers so please sign in after swiping in.
- There is no cost, and feel free to come and go as your schedule allows.
- Basil Hetzel Institute for Translational Health Research, 37a, Woodville Rd, Ground floor Seminar Rooms.

"There is good evidence that regular sessions of mindful attention have a calming effect on the amygdala, the brain's emotion processor, and reduce impulsive reactions to stressful or negative thoughts and experiences"

'New Scientist 13 September 2017' Michael Bond

- Prof Benedetta Sallustio is the organiser and sponsor of the BHI Meditation Program.
Benedetta.Sallustio@sa.gov.au
- Sessions are led by Nicholas Rundle, who is a qualified teacher of Secular Meditation and is the Uniting Church Chaplain at the RAH
nicholas.rundle@sa.gov.au
Phone: +61870741122

The Meditation Program is a project of the CALHN Wellness and Spiritual Care.



Government
of South Australia
SA Health

UPCOMING EVENTS CONTINUED



BHI Off the Clock

Wednesday 26th February 2020

from 4pm

BHI Ground Floor Seminar Rooms

- For all staff, students & supervisors
- Meet informally & build relationships
- Casual networking/social environment
- Extended invitation to THRF to discuss potential media exposure with new researchers
- Pizza and drinks provided

Kindly supported by THRF



PUBLICATIONS

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

Chan J, Gupta A, Stewart S, McCulloch G, Babidge W, Worthington M, Maddern G. Mortality in Australian cardiothoracic surgery: Findings from a national audit. *Annals of Thoracic Surgery*. (Journal Pre-proof) 2019 Nov doi:10.1016/j.athoracsur.2019.09.060.

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You can purchase your ticket today from our office at 60 Woodville Road, Woodville or online at www.homelottery.com.au. Good luck!

Fighting for our Firefighters



We are pleased to share our \$200,000 grant to the Country Fire Service (CFS) Foundation through The Road Home, a charity of THRF Group.

This grant will support the lives of so many volunteers and their families who sadly lost their homes in the recent bushfires across the country.

CFS Foundation Chief Executive Officer Gloria Berni says the funding will have a great impact on the volunteer firefighters and their loved ones.

"To date, over 40 CFS volunteers on Kangaroo Island alone have lost homes, businesses or property, and there were a number that suffered injury and loss in the Cuddly Creek fires," Ms Berni said.

"The generous donation from The Road Home will go towards the financial aid we are giving these volunteers. Support such as this is vital in these difficult times."

Our thoughts are with those who lost their lives and their loved ones, as well as people who have lost their homes and livelihood and the community affected as a result of these terrible fires.