



The Institute

basil hetzel institute for translational health research

MONTHLY BULLETIN FOR TQEH RESEARCH COMMUNITY

WINNING NEWS

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Grant Success: Cure4CF Foundation

Cure4 Cystic Fibrosis Foundation & The Hospital Research Foundation

A novel treatment for non-tuberculous mycobacteria lung infections in people with cystic fibrosis

\$175,000 (Cure4CF) + \$30,000 (THRF)

2020-2021



Chief Investigator:

Associate Professor Sarah Vreugde, ENT Surgery, BHI and University of Adelaide

Associate Investigators:

Professor PJ Wormald, ENT Surgery, BHI and University of Adelaide

Associate Professor David Parsons, Cystic Fibrosis Airway Research Group, Robinson Research Institute, University of Adelaide

Dr Martin Donnelley, Cystic Fibrosis Airway Research Group, Robinson Research Institute, University of Adelaide

Cure4 Cystic Fibrosis Foundation (Cure4CF), in partnership with the National Foundation for Medical Research and Innovation, has awarded **Associate Professor Sarah Vreugde** one of the first two inaugural Barbara Stow-Smith CF Innovation Grants. This newly formed partnership provides grants for research that seeks to develop therapies or cures that will significantly increase the life expectancy of people with CF, which currently averages just 38 years.

Sarah explains "In this [project](#), we target Non-Tuberculous Mycobacteria (NTM) lung infections in cystic fibrosis (CF) patients, unequivocally defined an urgent unmet medical need. These types of infections are particularly devastating for CF patients as their prevalence is rapidly rising (up to 30% in adult CF patients in the US), they are associated with a more rapid decline in lung function and with lung transplant failure. Importantly, NTM are naturally resistant to antibiotics and even disinfectants and are challenging to treat. They require long-term (>12 months duration) systemic and topical treatments with up to 5 concurrent antibiotics. This can cause significant side effects requiring cessation of therapy.

Our team has discovered a novel treatment that eradicates these difficult to treat infections, also from within immune cells where they hide. Together with Professor PJ Wormald and in collaboration with Associate Professor David Parsons and Dr Martin Donnelley, the project will (1) determine the mode of action of the technology and (2) provide proof-of-concept of the technology in a preclinical animal model of CF. These studies are needed to advance the technology towards clinical translation."

DECEMBER 2019

ISSUE 129

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BHI SEMINARS

BHI Staff Seminars
completed for 2019

BHI HDR Student Seminars
completed for 2019

All seminars take place in the BHI
Ground Floor Seminar Rooms

UPCOMING EVENTS

BHI Mindfulness Session
Monday 16 December, 12:15pm

BHI End of Year Lunch
Wednesday 18 December, 1pm

BHI HUB

Scientific Director Joy Rathjen

BHI First Floor

Phone: 8222 6524

joy.rathjen@sa.gov.au

Work days: Monday - Wednesday



Three months into the role of Scientific Director and I find myself settling back into the rhythm of academic life – it is November, so staff and students across Australia have been preparing the Honours students for their final presentations, and it is no different at the Basil Hetzel Institute. I would like to take this opportunity to thank the Honours students for their hard work this year and wish them all well in their final examinations and in whatever they choose to do next.

This, the last BHI Winning News for 2019, is an opportunity to reflect on the year. Professor Guy Maddern, Director of Research at TQEH, presented the outcomes of the 2018/2019 Research Review to The Institute this month. The collection of this data is such a powerful way of recognising the performance of The Institute, and so in the 2018-2019 financial year we can be proud that:

- Collectively, researchers at The Institute published 331 journal reports
- 14 of our Higher Degree by Research students graduated, with 2 attracting a Dean's commendation and Dr Alistair Jukes from ENT Surgery was awarded the University of Adelaide Doctoral Research Medal for outstanding research at the PhD level
- Research funding was maintained at a level comparable to last year

This augurs well for the future of the Basil Hetzel Institute, TQEH. Next year, The Institute's Strategic Research Directions Group will be reforming under the leadership of Associate Professor Sarah Vreugde. This group is tasked with providing strategic advice and input on all issues pertaining to research at The Institute, and will be looking for ways to build on this research strength to enhance the research effort.

As it is now December, I wish you all a happy holiday season and look forward to working with you in the New Year.

BHI Facility Manager Kathryn Hudson

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BHI Communications Officer Rebecca Anderson

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Work days: 9-3pm Tuesday - Thursday



Grant success: Ch7 Children's Research Foundation

Channel 7 Children's Research Foundation & The Hospital Research Foundation

Maternal immunisation with a novel Zika vaccine to protect offspring
from congenital Zika syndrome

\$100,000 (Ch7CRF) + \$100,000 (THRF)

2020

Chief Investigator:

Dr Branka Grubor-Bauk, Basil Hetzel Institute and University of Adelaide

Associate Investigators:

Dr Natalie Prow, University of South Australia

Prof Sarah Robertson, Robinson Research Institute, University of Adelaide

Prof John Hayball, University of South Australia

Prof Eric Gowans, Basil Hetzel Institute and University of Adelaide

Dr Danushka Wijesundara, University of Queensland



Dr Branka Grubor-Bauk (Virology Group, BHI and University of Adelaide) has received a 2020 grant from the [Channel 7 Children's Research Foundation](#) (\$100,000) with matched funding from The Hospital Research Foundation that enables her group to continue their work on developing a vaccine against the Zika virus. Branka says "this is a multi-centre application with people involved who are interested in Zika virus pathogenesis, vaccine development and maternal/fetal development and immunity."

The major concern about Zika virus (ZIKV) is its ability to cause microcephaly and severe birth defects in infants born to infected mothers. The neurological manifestations of Zika are catastrophic. Microcephaly cannot be corrected and medical/occupational care to improve their quality of life is expensive and mentally/emotionally demanding of carers. Zika-affected children require life-long high level of medical care estimated to cost from USD\$1-\$10 million per child. Introduction of an effective vaccine for ZIKV will prevent infection of pregnant women and the resultant congenital effects in the unborn child, and consequently eliminate the menace of Zika infection.

We have developed a novel and patented ZIKV vaccine that shows protection from systemic ZIKV infection in immunocompetent adult mice. The aim is to test whether maternal immunisation with this novel vaccine will protect against placental and foetal injury caused by ZIKV during pregnancy, resulting in congenital Zika syndrome in the offspring. Our DNA vaccine encodes a secreted ZIKV non-structural protein 1 (NS1) and unlike other ZIKV vaccines which elicit neutralizing antibodies, secNS1 DNA vaccine protects via T cell-mediated immunity. NS1 presents an ideal immunogen because it is highly conserved between circulating ZIKV strains. Thus, we will vaccinate female dams using secNS1 DNA vaccine, mate them and once pregnant-infect with ZIKV, to assess if secNS1 vaccine protects against ZIKV replication and virus spread to the maternal decidua and placenta (Aim 1). Subsequently, we will assess protective efficacy of secNS1 vaccine in prevention of foetal demise and microcephaly (Aim 2).



the hospital
research foundation

Awards

Sarah Bernhardt, final year PhD student in the Breast Biology and Cancer Unit, won best PhD student poster at the Robinson Research Institute symposium in early November for her poster titled “Menstrual cycling critically affects the Oncotype DX 21-gene signature: implications for the treatment of premenopausal breast cancer patients”. Sarah also gave a “rapid-fire” 1 minute presentation of her research.



L-R: Sarah Bernhardt with Professor Sarah Robertson, Director of the Robinson Research Institute



Two BHI researchers were short-listed for the University of Adelaide’s Vice-Chancellor’s Awards for Outstanding Achievement. **Dr Prue Cowled** (Vascular Surgery Research Group, *photo left*) was short-listed in the “A connected and enriched community - Exceptional Contribution by a title holder” while **Associate Professor Wendy Ingman** (Breast Biology and Cancer Unit, *photo right*) was short-listed in the “A connected and enriched community - Building a sense of community” category.



PhD student with the Solid Tumour Group, **Maryam Nakhjavani**, has received the Doctor Chun Chung Wong and Madam So Sau Lam Memorial Postgraduate Cancer Research Top-Up Scholarship, valued at \$7000. This scholarship is for postgraduate students enrolled in the Faculty of Health and Medical Sciences at The University of Adelaide who are undertaking research with an impact on the treatment of cancer.

Professor John A Spertus, a long-term collaborator of Professor John Beltrame and his Translational Vascular Function Research Collaborative, was named in the Web of Science Group’s Highly Cited Researchers for 2019.



L-R: John Beltrame, John Spertus, Tharshy Pasupathy & Rosanna Tavella

Martha Menberu: Travel Report

Martha Menberu: PhD Student, ENT Surgery, BHI and University of Adelaide

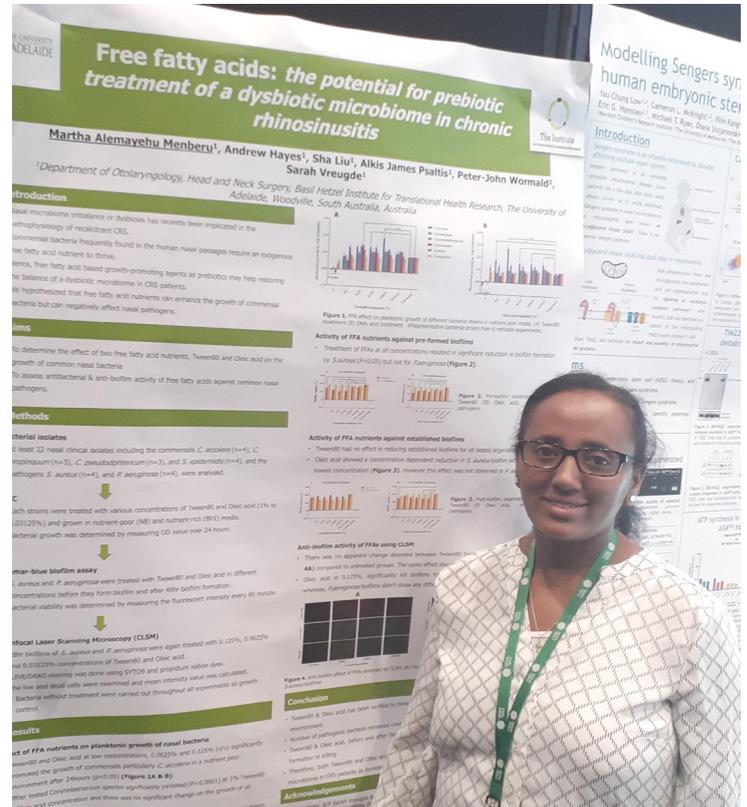
Supervisors: Associate Professor Sarah Vreugde and Professor Peter-John Wormald

Attended the 6th Annual EMBL Australia Postgraduate Symposium (EAPS-2019) in Melbourne, Australia from 27th to 29th November 2019

The EMBL Australia Postgraduate Symposium (EAPS) is a conference for postgraduate students to communicate their research and network with peers and leading Australian scientists from across Australia in a supportive and professional environment. This year EAPS-2019 was held in Melbourne and it was a privilege to have my abstract selected for a lightning talk and poster presentation.

I presented one of my PhD projects entitled “Free fatty acids: the potential for prebiotic treatment of a dysbiotic microbiome in chronic rhinosinusitis (CRS)” to attendees during the lightning talk and poster sessions. Our research in this area was able to identify potential free fatty acid based growth stimulating agents as prebiotics to help restoring the balance of a dysbiotic microbiome in CRS patients. Presenting at the conference allowed me to showcase my research to a broad scientific audience and have it discussed in a friendly environment. As a result, I received considerable feedback on my research from senior scientists.

At the conference I was very inspired by the talk on career experiences from invited speakers and was also able to listen and learn from leading scientists from different research fields across Australia. The conference was an opportunity for me to learn a lot, gain a deeper insight and knowledge regarding my research focus and other multidisciplinary areas. I have been connected with some senior scientists working on chronic diseases and I am really looking forward to staying in contact with them in the future.



I would like to thank the Department of Otolaryngology, Head and Neck Surgery, University of Adelaide, for giving me this opportunity to participate, gain knowledge and experience which was only possible because of their support.

As an international student, an opportunity to travel and present my work is immensely beneficial for my career as a researcher. In this symposium, I gained more confidence and have been motivated to do more with my future research plan.

Martha Menberu

From the [EMBL Australia website](http://www.embl.org.au): Australia is an associate member of the European Molecular Biology Laboratory (EMBL), Europe's flagship life sciences institution. EMBL Australia is a life science network that supports ambitious research projects and provides access to infrastructure and training to early-career Australian scientists.

Women of Impact and Influence Breakfast



Professor Renuka Visvanathan (Adelaide G-TRAC Centre) was one of 3 invited speakers at the University of Adelaide's "Women of Impact and Influence" breakfast held on Tuesday 12th November. The Florey Medical Research Foundation holds the breakfast in honour of an inspirational female role model, Helen Mary Mayo OBE. BHI Scientific Director Associate Professor Joy Rathjen and PhD student Maryam Nakhjavani (Solid Tumour Group) were also invited to the breakfast.

Presentation at Scientific Meeting

Maryam Nakhjavani, PhD student with the Solid Tumour Group, presented a talk at the "Adelaide Pharmacology Group (APG) Meeting on the 20th of November. The title of her talk was "Novel Candidates for the Treatment of Metastatic Breast Cancer". The APG meeting is an annual symposium for pharmacologists from around Adelaide to present their research and keep up to date with what is happening in pharmacology around SA. It precedes the annual national Pharmacology society (ASCEPT) conference. The meeting typically consists of clinical and experimental pharmacologists, pharmaceutical scientists and academic pharmacists from South Australia's hospitals and universities (senior academics, ECRs, postgraduate students and clinician researchers).

COMMUNITY ENGAGEMENT

Dr Katharina Richter: STEM Sista Thursday 7 November

Dr Katharina Richter (Surgical Science Research Group) was invited to speak and act as a student mentor at a recent [STEM Sista](#) event. The STEM Sista program is a professional development program for young women in high school. It is designed to instill fundamental success principles, commitment and resiliency in girls, effectively setting them up for a life of tremendous accomplishment. The program was founded by a previous Winnovation Award winner, Teresa Janowski, who approached Kati after she won a Winnovation Award in the Science Category.

Kati says that "Talking about science, discussing pathways for girls in STEM and sharing life stories inspired the students I mentored."



COMMUNITY ENGAGEMENT



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

Professor Catherine Hill: Channel 7 news Sunday 17 November



Professor Catherine Hill, Director of Rheumatology Unit at TQEH, spoke about a new clinical trial for people with knee osteoarthritis on [Channel 7 news](#).

Professor Tim Price & Dr Amanda Townsend Gutsy Southern Alps Challenge Fundraiser

Professor Tim Price (Solid Tumour Group, BHI) is Chair of the [GI Cancer Institute](#) and led the 70km “Gutsy Southern Alps Challenge” in New Zealand from 17-24 November. This is one of many Gutsy Challenges that raise funds for gastro-intestinal cancer research. So far his TQEH team, which includes Solid Tumour Group member clinician **Dr Amanda Townsend**, has raised over \$35,000.



Donations can be made to TQEH team via the [Gutsy Challenge GoFundMe](#) website.

Photo left: TQEH team including Professor Tim Price, far left, and Dr Amanda Townsend (second from left).

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

End of Year Lunch

Wednesday 18 December
1pm in the BHI Atrium
RSVPs required by 9 December

Everyone is invited to celebrate the end of 2019. Join us for a delicious paella and grazing table 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.

RSVP accepted with payment before Dec 9th at 6pm. As this is a catered event we cannot accept RSVPs after this date.

Tickets: Students \$15, staff \$25 if you pay cash to Kathryn, otherwise through [Eventbrite](#) [Eventbrite charge a small additional fee making the price \$16.91 and \$27.46]. Price includes a selection of drinks.

Dietary requirements: In order to cater quantities correctly, please select vegetarian ticket if you will be eating vegan or vegetarian. Please advise Kathryn.hudson@sa.gov.au of any other special dietary requirements.

Look forward to seeing you there!!



Mindfulness sessions

12:15pm every second Monday (2nd and 16th December)
BHI Ground floor seminar rooms

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.

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
Phone: 8222 6679
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

TQEH librarians, [Anna Holasek](#) and [Rachel Davey](#), are available to help with constructing suitable literature and database searches for your research requirements and to help you obtain relevant material.

All BHI staff, students and researchers are welcome to visit TQEH Library on level 5B of the main building at any time Monday to Friday between 9am-4.45pm. Alternatively, visit the Library's website <https://salus.sa.gov.au> to view our services and resources.

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

Please note: Anna and Rachel will be taking a short break between December 21st and Tuesday January 7th (returning Wednesday 8th). For Library assistance during the break please email health.salus@sa.gov.au.

BHI Statistician availability

Suzanne Edwards will be at the BHI to assist with any statistical needs on the following Tuesdays in December and January:

- 3 December
- 17 December
- 7 January
- 21 January
- 28 January

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
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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 2019/2020 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 18 November	Thursday 19 December	
Monday 6 January 2020	Thursday 30 January 2020	Thursday 30 January 2020
Monday 20 January 2020	Thursday 13 February 2020	
Monday 3 February 2020	Thursday 27 February 2020	Thursday 27 February 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

Safety related training

Online Safety Induction

In 2020 an online safety induction will be available for all Honours and PHD students at The University of Adelaide. Further details will be advised in early 2020. For all other Health, Safety and Wellbeing (HSW) training including Chemical, Biological and Radiation you can currently go to <https://www.adelaide.edu.au/hr/hsw/training/general/>

Chemical Corner – Gloves on – Gloves off!

- In the lab – gloves on
- Tiny spill – double gloves on
- Small spill – heavy duty gloves on
- Biosafety – gloves on
- Latex allergy! – only nitrile gloves on
- Cryogenic – thermal gloves on
- Using chemicals – SDS recommended gloves on
- Opening lab exit/entry door – gloves off
- Holding reagent while leaving lab? “holding hand” – glove on, “door hand” – glove off
- Protect yourself in the lab but don’t “hand-on” contaminates by touching entry/exit handles, doors of the lab with gloves on.



New Team Member – Rick Palm

Rick Palm has joined the HSW team at The University of Adelaide replacing Betty Reinboth as HSW Advisor. Rick will commence on the 25th November and will undertake a site visit to BHI in early 2020.

Handle Heat without the Stress as Summer Starts to Sizzle

With heat and humidity on the rise in South Australia, workplaces have been urged to take extra care this summer when workers are out in these conditions. Whilst it is unlikely that BHI researchers would be required to work in extreme temperatures there are still some brave souls who may commute during the working day between sites. Personal vehicles, public transport or perhaps our trusty e-bikes should be utilised during early mornings so plan your travel ahead to avoid the hottest part of the day.

The Bureau of Meteorology also has an easy to access Heatwave Service available at www.bom.gov.au/australia/heatwave

Christmas Wishes

The HSW team at The University of Adelaide wish all management, staff and students at BHI a safe, fun and joyous Christmas filled with all the best the seasonal break has to offer.

PUBLICATIONS

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

Canon J, Rex K, Saiki A, ... Price T *et al.* The clinical KRAS(G12C) inhibitor AMG 510 drives anti-tumour immunity. *Nature*. 2019 Oct doi:10.1038/s41586-019-1694-1.

Delaney A, Finnis M, Bellomo R, Udy A, Jones D, Keijzers G, MacDonald S, Peake S. Initiation of vasopressor infusions via peripheral versus central access in patients with early septic shock: A retrospective cohort study. *Emergency Medicine Australasia*. 2019 Oct doi: 10.1111/1742-6723.13394.

Han J, Tonkin D, Hewett P. Rare case of wandering spleen causing intra-thoracic megacolon. *ANZ Journal of Surgery*. 2019 Oct doi: 10.1111/ans.15542.

Heijkoop B, Parker N, Kiroff G, Spernat D. Effectiveness and safety of inpatient versus extended venous thromboembolism (VTE) prophylaxis with heparin following major pelvic surgery for malignancy: Protocol for a systematic review. *Systematic Reviews*. 8(1):249, 2019 Oct doi:10.1186/s13643-019-1179-1.

Hoon E, Ruediger C, Gill T, Black R, Hill C. A qualitative study of patient perspectives related to glucocorticoid therapy in polymyalgia rheumatica and giant cell arteritis. *Open Access Rheumatology: Research and Reviews*. 11:189-198, 2019.

Latter G, Grice J, Mohammed Y, Roberts M, Benson H. Targeted topical delivery of retinoids in the management of acne vulgaris: Current formulations and novel delivery systems. *Pharmaceutics*. 11(10) Article Number: 490 2019 Oct.

Liu E, Estevez J, Kaidonis G, Hassall M, Phillips R, Raymond G, Saha N, Wong G, Gilhotra J, Burdon K, Landers J, Henderson T, Newland H, Lake S, Craig J. Long-term survival rates of patients undergoing vitrectomy for diabetic retinopathy in an Australian population: A population-based audit. *Clinical and Experimental Ophthalmology*. 47(5): 598-604, 2019 doi: 10.1111/ceo.13466.

Metwally M, Thabet K, Bayoumi A, Nikpour M, Stevens W, Sahhar J, Zochling J, Roddy J, Tymms K, Strickland G, Lester S, Rischmueller M, Ngian G, Walker J, Hissaria P, Shaker O, Liddle C, Manolios N, Beretta L, Proudman S, George J, Eslam M. IFNL3 genotype is associated with pulmonary fibrosis in patients with systemic sclerosis. *Scientific Reports*. 9(1):14834 2019 Oct doi/10.1038/s41598-019-50709-9

Rajagopalan A, Sathananthan D, An Y, Van De Ven L, Martin S, Fon J, Costello S, Begun J, Bryant R. Gastrointestinal ultrasound in inflammatory bowel disease care: Patient perceptions and impact on disease-related knowledge. *JGH Open*. 2019 doi:10.1002/jgh3.12268.

Sathananthan D, Rajagopalan A, Van De Ven L, Martin S, Fon J, Costello S, Bryant R. Point-of-care gastrointestinal ultrasound in inflammatory bowel disease: An accurate alternative for disease monitoring. *JGH Open*. 2019 doi:10.1002/jgh3.12269.

Wang Y, Shen P, Hsieh L, Wormald P-J. Free mucosal grafts and anterior pedicled flaps to prevent ostium restenosis after endoscopic modified Lothrop (frontal drillout) procedure: A randomized, controlled study. *International Forum of Allergy & Rhinology*. 2019 Sep doi:10.1002/alr.22416.

Cai G, Laslett L, Aitken D, Cicuttini F, March L, Hill C, Winzenberg T, Jones G. Zoledronic acid plus methylprednisolone versus zoledronic acid or placebo in symptomatic knee osteoarthritis: a randomized controlled trial. *Therapeutic Advances in Musculoskeletal Disease*. 11:1759720X19880054, 2019 doi: 10.1177/1759720X19880054.

Carson-Chahhoud K, Livingstone-Banks J, Sharrad K, Kopsaftis Z, Brinn M, To-A-Nan R, Bond C. Community pharmacy personnel interventions for smoking cessation. *Cochrane Database of Systematic Reviews*. 2019(10), 2019 Oct doi: 10.1002/14651858.CD003698.pub3.

Jurisc S, Gili S, Cammann V, ... Horowitz JD, *et al.* Clinical predictors and prognostic impact of recovery of wall motion abnormalities in Takotsubo Syndrome: Results from the International Takotsubo Registry. *Journal of the American Heart Association*. 8(21):e011194, 2019 Nov doi: 10.1161/JAHA.118.011194.

Kuijper E, Allegretti J, Hawkey P, Sokol H, Goldenberg S, Ianiro G, Gasbarrini A, Kump P, Costello S, Keller J, Vehreschild M. A necessary discussion after transmission of multidrug-resistant organisms through faecal microbiota transplantations. *The Lancet Infectious Diseases*. 19(11):1161-1162, 2019 Nov.

Lopez-Isac E, Acosta-Herrera M, Kerick M, ... Proudman S, ... Rischmueller M, Lester S, *et al.* GWAS for systemic sclerosis identifies multiple risk loci and highlights fibrotic

PUBLICATIONS CONTINUED

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

and vasculopathy pathways. *Nature Communications*. 10(1): Article Number: 495, 2019 Dec doi.org/10.1038/s41467-019-12760-y.

Nadi S, Vreugdenburg T, Atukorale Y, Ma N, Maddern G, Rovers M. Safety and effectiveness of aspirin and enoxaparin for venous thromboembolism prophylaxis after total hip and knee arthroplasty: a systematic review. *ANZ Journal of Surgery*. 89(10): 1204-1210, 2019 Oct doi: 10.1111/ans.15122.

Noble A, Durant L, Hoyles L, McCartney A, Man R, Segal J, Costello S, *et al.* Deficient resident memory t-cell and Cd8 T-cell response to commensals in inflammatory bowel disease. *Journal of Crohn's & Colitis*. (Accepted Manuscript) 2019 Oct doi: 10.1093/ecco-jcc/jjz175.

Sinnathurai P, Bartlett S, Halls S, Hewlett S, Orbai A, Buchbinder R, Henderson L, Hill C, Lassere M, March L. Investigating dimensions of stiffness in rheumatoid and psoriatic arthritis: The Australian Rheumatology Association Database Registry and OMERACT Collaboration. *The Journal of Rheumatology*. 46(11):1462-1469, 2019 Nov.

Schultz T, Thomas A, Georgiou P, Cusack L, Juaton M, Simon L, Naidoo K, Webb K, Karnon J, Ravindran J. Developing a model of care for home infusions of natalizumab for people with Multiple Sclerosis. *Journal of Infusion Nursing*. 42(6):289-296, 2019 Nov/Dec.

Yadav L, Haldar A, Jasper U, Taylor A, Visvanathan R, Chehade M, Gill T. Utilising digital health technology to support patient-healthcare provider communication in fragility fracture recovery: Systematic review and meta-analysis. *International Journal of Environmental Research & Public Health*. 16(20), 2019 Oct.

Chehade L, Hissaria P, Simon S. Calciphylaxis: when a bird is not a duck. *Canadian Journal of Ophthalmology*. (In Press) 2019 Nov. doi:10.1016/j.jcjo.2019.08.003

Govindaraju R, Cherian L, Macias-Valle L, Murphy J, Gouzos M, Vreugde S, Wormald P-J, Bassiouni A, Psaltis A. Extent of maxillary sinus surgery and its effect on instrument access, irrigation penetration, and disease clearance. *International Forum of Allergy and Rhinology*. 9(10): 1097-1104, 2019 Oct.

Hewitt J, Gupta A, Maddern G, Trochsler M. Adrenaline in local anaesthetics: do students and junior doctors still believe the myth? A survey. *ANZ Journal of Surgery*. 89(11):1367-1368, 2019 Nov. doi.org/10.1111/ans.15468.

Holden C, Poprawski D, Singhal N, Buckley E, Caruso J, Wichmann M, Price T. A systematic scoping review of determinants of multidisciplinary cancer team access and decision-making in the management of older patients diagnosed with colorectal cancer. *Journal of Geriatric Oncology*. (In Press), 2019 Nov. doi:10.1016/j.jgo.2019.11.002.

Jacombs A, Karatassas A, Klosterhalfen B, Richter K, Patiniott P, Hensman C. Biofilms and effective porosity of hernia mesh: are they silent assassins? *Hernia*. 2019 Oct doi.org/10.1007/s10029-019-02063-y.

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THRF NEWS

Season's Greetings

On behalf of everyone at THRF, we would like to wish you and your families a Merry Christmas and wonderful New Year!

It's been another exciting year funding some incredible research at the BHI and you should be proud knowing the work you are achieving will benefit our community and save lives.

We look forward in 2020 to continue funding groundbreaking research taking place at the BHI.

Our Woodville office, including our hubs at the Royal Adelaide Hospital and the Lyell McEwin Hospital, will be closed from 2pm December 24, reopening January 6, 2020.



THRF staff were thrilled once again to participate in this year's Christmas Pageant!

That's a wrap!

As you may know, THRF's Communications team coordinates radio opportunities throughout the year that you are all welcome to take part in. With monthly community radio segments on Coast FM and some weekend segments on Adelaide's FIVEaa, there are always opportunities for researchers to share their work with the public.

This year, the following researchers from the BHI participated in THRF's radio segments:

Coast FM	FIVEaa
Sarah Bernhardt (Breast Biology and Cancer Unit)	Associate Professor Sarah Vreugde (ENT Surgery)
Namfon Pantarat (Breast Cancer Research Unit)	Professor John Beltrame (Translational Vascular Function Research Collaborative)
Amita Ghadge (Breast Biology and Cancer Unit)	Dr Rosanna Tavella (Translational Vascular Function Research Collaborative)
Dr Yoko Tomita (Solid Tumour Group)	Professor Andreas Evdokiou (Breast Cancer Research Unit)
Chelsea Thorn (ENT Surgery)	
Dr Pallave Dasari (Breast Biology and Cancer Unit)	

If you're eager to share your research with the community and gain media experience, please contact Antonia from the Communications team, acosta@hospitalresearch.com.au. We would love to hear from you!



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THRF NEWS CONTINUED

Cocktail Evening for Research

One of our incredible supporters Eleni is hosting a community fundraiser in December for Kidney, Transplant and Diabetes Research Australia, a charity part of The Hospital Research Foundation Group.

Eleni is continuing her fight to raise funds to eliminate kidney disease and diabetes. For more information or to purchase tickets, click here: <https://bit.ly/2oQNV6M>

Cocktail Evening for Research

Proudly supporting



kidney, transplant
& diabetes
research australia

6th December 2019 7-10pm
Adelaide Town Hall
128 King William St, Adelaide

- Canapes & drinks
- Live Auctions by Marc de Plessis
- Lucky Door Prize

Purchase your ticket online
www.stickytickets.com.au/71b4e
or search **Cocktail Evening For Research**

Contact Eleni 0409 693 624



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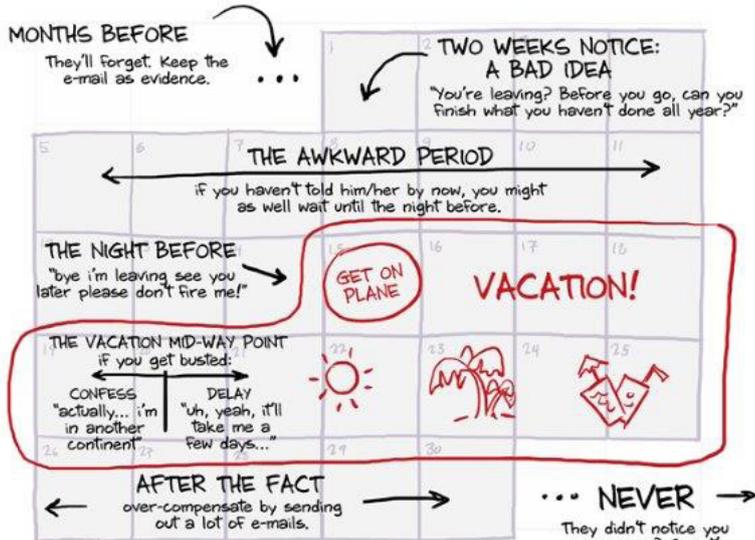


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Tickets
\$100

A FEW END OF YEAR LAUGHS...

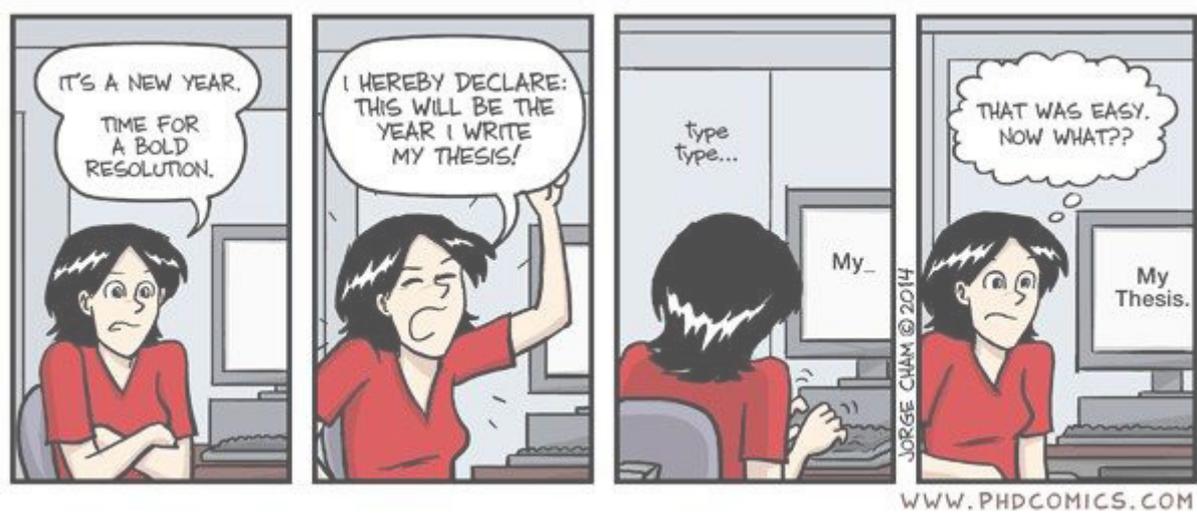
WHEN TO TELL YOUR ADVISOR YOU'RE GOING ON VACATION



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