Haematology Society of Australia and New Zealand
Queensland Branch

Annual Scientific Meeting

The State Library
Brisbane, Queensland
23 March 2019
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Sponsors  Cover
Convenor’s Thanks

On behalf of the organising committee, I’m delighted to welcome you to the State Library for our annual Queensland State meeting of the Haematology Society of Australia and New Zealand. We’ve managed to secure some outstanding international, national and local speakers and I’m very grateful for their contributions. Thanks also to our sponsors for their continued support of haematology education in Queensland, and thanks to you all for attending.

**Steven Lane**
Convenor
Chair, QLD Branch
QLD Representative, HSANZ National Council
Professor Lars Bullinger

Lars Bullinger studied Medicine at the University of Heidelberg (Germany) where he received his M.D. degree in 1999 and started his residency in Internal Medicine. In 1999, he moved to the University Hospital of Ulm (Germany), where he continued to work on molecular genetic analyses in hematological malignancies. From 2001 through 2003, he carried out post-doctoral work at the Stanford University (USA) where he was involved in gene expression profiling of leukemia. From 2004 through 2009, he finished his medical training in Internal Medicine and Hematology/Oncology at the University Hospital of Ulm and participated in many clinical trial activities. In parallel, he built up his own research group focusing on the dissection of the molecular pathogenesis of cancer by using “omics” approaches. In 2010, Lars Bullinger joint the Dana Farber Cancer Institute of the Harvard Medical School (USA) for a Sabbatical on next generation sequencing (NGS). Funded by a Heisenberg scholarship of the German Research Foundation he returned to the University Hospital of Ulm (Germany) in 2011 where he was appointed an assistant professorship position and in 2014 promoted to a full Heisenberg professor for “Personalized Tumor Therapy”. He has continued to play a key role in translational research focusing on the integrative analyses of “omics” and NGS data with the aim to further refine molecular tumor classification and to implement insights into innovative precision medicine approaches with a strong focus on acute myeloid leukemia (AML). In 2017, Lars Bullinger was appointed a full professorship at the Charité University Medicine in Berlin and he is now the Medical Director of the Department of Hematology, Oncology and Tumorimmunology at the Virchow Campus and the Coordinator of the Charité Leukemia Program.

His presentation will be: **Evolution of genetic diagnosis in AML and Personalised Medicine in blood cancers**
Professor John Fraser
Professor John F. Fraser is Director of the Critical Care Research Group (CCRG), The Prince Charles Hospital and University of Queensland, as well as Director of the Intensive Care Unit, St Andrew’s War Memorial Hospital, and Pre-Eminent Staff Specialist – Adult Intensive Care Services, The Prince Charles Hospital. He is also Chief Executive Officer and Chief Medical Officer of De Motu Cordis Pty Ltd, and Chief Medical Officer and Founder of Quantum Medical Innovation Fund. He is a translational clinician-scientist with seven (7) purpose built laboratories (biology, engineering and biofabrication), as well as the largest large-animal ICU in Australia. He holds professorships in Intensive Care, Anaesthesia, Medicine and Engineering. Prof Fraser has published >300 peer-reviewed publications, and co-wrote and edited the first textbook on Mechanical Circulatory Support. Prof Fraser was recently awarded the Australian Society of Medical Research’s 2018 Clinical Research Award, in recognition of his efforts in research at a local, national and international level.

His presentation will be: **Oxygen and Flow: Is more always better? Lessons from Extra Corporeal Life Support**

Professor Judith Trotman
Professor Judith Trotman is the Director of the Haematology Clinical Research Unit at Concord Hospital, Sydney. She has led international research collaborations establishing PET scanning as the gold standard imaging modality for follicular lymphoma, and secured MBS funding for PET for indolent lymphoma. She is an ALLG SAC member and principal investigator for several national/international lymphoma trials collaborations, incl. RATHL, REMARC, RePly, IRIC, and now PETReA, the recently opened study of PET-response adapted therapy in FL. She is a board member of the Australian Clinical Trials Alliance (ACTA). Committed to cross-centre collaboration in recruitment Dr Trotman is co-inventor of the ClinTrial Refer App which has increased patient cross-referral across 20 cancer trial networks globally.

Her presentation will be: **PET Pearls and PETfalls: the role of PET in Follicular Lymphoma**
# PROGRAM STREAM 1

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
<th>Presentation</th>
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<tbody>
<tr>
<td>8:30</td>
<td>Registration</td>
<td>Queensland State Library Auditorium, Level 2, South Brisbane.</td>
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<tr>
<td></td>
<td>Sponsors</td>
<td>Thank you to our sponsors. Please visit the exhibition stands during the day.</td>
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| 8:55  | Main Auditorium | **Introduction & welcome**  
Associate Professor Steven Lane |
| 9:00  | Session 1  | Combined Session  
Main Auditorium | **Session Chair:** Paula Marlton  
9:00: Prof Lars Bullinger - Evolution of genetic diagnosis in AML.  
9:45: Dr Louise Seymour - Pathology Queensland Integrated Genomics Service – an update on implementation.  
9:45: Dr Andrea Henden |
| 10:15 | Morning Tea | Program Stream 1 continues in Main Auditorium. |
| 10:45 | Session 2  | Main Auditorium | **Session Chair:** Tony Mills  
10:45: Prof John Fraser - Oxygen and Flow: is more always better? Lessons from Extra Corporeal Life Support.  
11:15: Dr James Daly - Update on haemolytic disease of the newborn and new non-invasive testing.  
11:35: Prof Judith Trotman - PET Pearls and PETfalls: the role of PET in Follicular Lymphoma. Questions/ discussions. |
| 12:15 | Lunch     | Main Auditorium |
| 13:15 | Session 3  | Main Auditorium | **Session Chair:** Rebecca Adams  
13:15: Dr Jane Mason - Gene therapy in haemophilia.  
13:35: Dr Tara Cochrane - An update on novel agents in CLL.  
14:05: Dr Helen Wordsworth - Challenges from the lab.  
14:25: Dr Rebecca Adams - Under the microscope. |
| 14:45 | Afternoon Tea | Main Auditorium |
| 15:15 | Session 4  | Combined Session  
Main Auditorium | **Session Chair:** Steven Lane  
15:15: Dr Sally Mapp - Skin Lymphoma.  
15:45: Prof Lars Bullinger - Personalised Medicine in blood cancers. |
<p>| 16:30 | Close     | Main Auditorium |
| 16:30 - 18:30 | Sundowners | Please join us for canapés and drinks on the State Library River Decks. |</p>
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Presenter(s)</th>
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<th>Details</th>
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<tr>
<td>10:30</td>
<td>Morning Tea</td>
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<tr>
<td>10:45</td>
<td>Session 2 nurses</td>
<td>Using data to improve Haematology Nursing Practice and Patient Outcomes.</td>
<td>Auditorium 2</td>
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<tr>
<td>10:45</td>
<td>Welcome</td>
<td>Nicole Gavin (RBWH)</td>
<td></td>
<td>Welcome.</td>
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<tr>
<td>10:55</td>
<td>PLANE study</td>
<td>Veronica Percival (RBWH)</td>
<td></td>
<td>The PLANE study – ready to take off!</td>
</tr>
<tr>
<td>11:15</td>
<td>Quality of life</td>
<td>Brighid Scanlon (RBWH)</td>
<td></td>
<td>Quality of life perceived by patients with high risk haematological malignancy and indicators of potential deterioration – qualitative data.</td>
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<tr>
<td>11:35</td>
<td>NP MOC</td>
<td>Jodie Marsh (Townsville)</td>
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<td>NP MOC: moving from the inpatient to outpatient setting for complex patients.</td>
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<tr>
<td>11:55</td>
<td>NP MOC</td>
<td>Sally McCray (Mater)</td>
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<td>Do we want to provide food or do we want our patients to eat? Australia’s first room-service implementation.</td>
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<tr>
<td>12:15</td>
<td>Lunch</td>
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<td>13:15</td>
<td>Session 3 nurses</td>
<td>Big data – importance for out-patient nursing.</td>
<td>Auditorium 2</td>
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<td>13:15</td>
<td>Big data</td>
<td>Nina Simpson (PAH)</td>
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<tr>
<td>13:35</td>
<td>Using data to</td>
<td>Carlie Nielson (Mater)</td>
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<td>14:35</td>
<td>Hyper hydration</td>
<td>Nicole Gavin (RBWH)</td>
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<td>15:15</td>
<td>Session 4 combined</td>
<td>Main Auditorium from 15:15 - 16:30.</td>
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<td>16:30</td>
<td>Close</td>
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<tr>
<td>16:30</td>
<td>Sundowners</td>
<td>Please join us for canapés and drinks on the State Library River Decks.</td>
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Dr Rebecca Adams
Dr Rebecca Adams is a consultant haematologist at Sullivan Nicolaides Pathology and also the Training Network Coordinator for haematology training in Queensland. She enjoys all aspects of diagnostic haematology, is heavily involved in registrar training and education and is passionate about the vital leadership role of pathologists in healthcare.

Dr Tara Cochrane
Dr Tara Cochrane undertook her haematology training in Melbourne Victoria. She subsequently completed a 2 year fellowship at Princess Margaret Hospital, Toronto in lymphoma and autologous stem-cell transplant in 2008. She has been a full time staff specialist at Gold Coast University Hospital (GCUH) since 2009. There she helped establish the stem cell transplant service and the clinical trials unit. Dr Cochrane is an enthusiastic researcher; being a local principal investigator in a number of ALLG and pharmaceutical sponsored clinical trials predominantly in the area of lymphoma and myeloma. Moreover, she has published numerous articles in peer reviewed journals and presented abstracts at international meetings. Her primary clinical interest is lymphoma and she chairs the multidisciplinary meeting in lymphoma at GCUH.

Dr James Daly
Dr James Daly is the Medical Director of Pathology Services for the Australian Red Cross Blood Service. He is the past president of the ANZSBT and is a member of the current expert reference group for the revision of the ‘Guidelines on the prophylactic use of Rh D immunoglobulin (anti-D) in obstetrics’.
Nicole Gavin
Nicole is a Nurse Researcher in Cancer Care Services at the Royal Brisbane and Women’s Hospital. She is an experienced haematology and bone marrow transplant nurse. She is the Queensland Representative for the HSANZ Nurses’ Group. She completed her PhD in February 2019 investigating microbial growth in parenteral nutrition. Her research focuses on infection and infection control in patients diagnosed with cancer.

Dr Andrea Henden
Andrea is a staff specialist at the Royal Brisbane and Women’s Hospital and an early career clinician-scientist at QIMR Berghofer Medical Research Institute. Her research to date focuses on exogenous cytokine manipulation of Graft-versus-Host and Graft-versus-Malignancy phenomena after allogeneic transplantation.

Joanne Kanakis
Joanne Kanakis is the acting Service Director for Cancer and Sub Specialities at the Gold Coast Hospital and Health Service.

Jo is a Registered Nurse with a Masters in Nursing Studies who has worked within various Cancer Services since 1998. Jo developed her primary clinical passion for haematology and, more particularly, stem cell transplantation while working in North Queensland.

As acting Service Director for Cancer and Sub Specialities at Gold Coast Hospital and Health Service, Jo is involved in the development of a responsive health analytics program with the MIS team called Cancer Tracker. The program will assemble and process data from various sources and provide visibility, predict resourcing requirements, and analyse timeframes to pints, along optimal care pathways. The long term plan for Cancer Tracker is to deploy and use it across Hospital Health Services to improve patient outcomes.
Sally McCray
Sally McCray is the Director of Dietetics and Foodservices at Mater Health, Brisbane. She has worked clinically in a number of hospitals, publicly and privately in Australia and in Canada and has experience working within different healthcare foodservice models as well as in restaurant and hotel foodservice environments. She was a key leader in the implementation of Australia’s first hospital room service model at Mater in 2013 and the first implementation in a public hospital in 2016, and has published this outcome research in international peer reviewed journals. She holds an Honorary Adjunct Assistant Professor position with Bond University, and is an Honorary Fellow at Mater Research Institute – University of Queensland.

Dr Sally Mapp
Sally graduated from The University of Melbourne and completed her dual training in Haematology in Melbourne and Canberra. She subsequently completed a PhD in basic B cell biology at The Australian National University. She then moved further north and has been a Haematologist at Princess Alexandra Hospital since 2008. Her haematological interests are broad and include acute lymphoblastic leukaemia, late effects and cutaneous lymphoma.

Jodie Marsh
Jodie Marsh is an Endorsed Nurse Practitioner at The Townsville Hospital. Her specialty is Bone Marrow Transplant. She has a special interest in AML & allografting. She has published on survivorship issues post transplant & outcomes in patients having transplant in regional centres.
Dr Jane Mason
Dr Jane Mason is a paediatric and general Haematologist. She currently has a dual appointment with both the Royal Brisbane and Women’s Hospital (Acting Director of the Queensland Haemophilia Centre) and QML Pathology. Her primary research interests are within the field of inherited bleeding disorders and she is an active contributor to the Australian Haemophilia Centre Directors Organisation (AHCDO) research group. She is a site principal investigator for a phase 3 Haemophilia A gene therapy study commencing in 2019.

Midori Nakagaki
Midori is a Senior Pharmacist specialising in haematology and BMT at the Royal Brisbane and Women’s Hospital. She has nearly 20 years of experience in cancer care and is starting her PhD this year. Her area of interest is supportive care in cancer. She has conducted some research projects in this field, working closely with nursing, medical and allied health colleagues.

Carlie Nielsen
Carlie has held a number of roles within the cancer care sector including Clinical Nurse Educator, Cancer Care Coordinator and, Acting Assistant Director of Nursing, Special Projects at The Wesley Hospital. For the last two years Carlie has sat in the role of Nursing Director Cancer Care Services at the Mater Hospital supporting the Mater’s transition to a clinical stream model of healthcare delivery—providing low-variability, evidence-based care, while maintaining a genuine focus on high quality, individualised customer service.

Carlie holds a Bachelor of Nursing and Post Graduate Certificate in Leadership and Management from Griffith University, and a Post Graduate Diploma in Oncology Nursing from Queensland University of Technology.
PROGRAMME SPEAKERS

Veronica Percival
Veronica is a Registered Nurse at the Royal Brisbane and Women’s Hospital working in Cancer Care Services, Oncology Day Therapy Unit since graduating in 2010. Veronica undertook a 12-Week Evidence-Based Practice Research Programme. She is currently participating in a 12-month Evidence-Based Practice Research Internship under the mentorship of Nicole Gavin and is about to commence the PLANE Study (Post-dural puncture headache following lumbar puncture with/without intrathecal chemotherapy, how long should patients remain recumbent? A pilot randomised controlled trial). Veronica is known for taking Christmas to the next level within the workplace.

Brighid Scanlon
Brighid is a Cancer Care Nurse and Public Health Practitioner. She has worked in Cancer Care Services at the Royal Brisbane and Women’s Hospital for a number of years in clinical practice, and as a Clinical Nurse in Haematology and Palliative Care Research. This role focused on researching patients with high-risk haematological malignancies. Brighid is passionate about understanding patient perspectives, health-seeking behaviours and increasing health equity; particularly within vulnerable populations. This has led Brighid to complete her Masters of International Public Health at the University of Queensland, as well as post-graduate study in Palliative Care. Brighid has also been involved in researching barriers to health access within refugee and migrant populations in both Australian and international healthcare systems. Her research interests include: health equity and access, chronic disease management, cancer treatment trajectories and palliative care in vulnerable populations. These research interests have led Brighid to commence her PhD through the QUT School of Public Health in 2019.
Dr Louise Seymour
Dr Louise Seymour is a staff specialist Haematologist at Pathology QLD. She has a strong interest in molecular haematology having spent time training in genetic pathology as part of her haematology training. She has recently returned from a sabbatical in the Department of Hematopathology and the Center for Integrated Diagnostics at Massachusetts’s General Hospital in Boston, USA. Dr Seymour is co-chair of Pathology QLD’s genomic technology innovation capability project for the QLD genomics health alliance and has been instrumental in setting up the new haematology genomics service at Pathology QLD.

Nina Simpson
Nina Simpson is a clinical nurse with over ten years’ experience, specialising in cancer nursing within the Division of Cancer Services at the Princess Alexandra Hospital. Nina has played an integral role in improving the Oncology Outpatient Department by taking an overarching approach to implementing processes, big data collection and developing a dashboard specific to the service. These improvements have produced invaluable results in relation to patient wait times and experience in the outpatient setting. In 2019, Nina was successfully awarded a scholarship to undertake additional post graduate studies with the University of Tasmania in a Commonwealth Supported pathway of the Bachelor of Healthcare with Professional Honours (Clinical Redesign). The focus of this clinical redesign will be targeting service delivery and improving patient pathways of care.

Dr Helen Wordsworth
Helen Wordsworth works in the Haematology laboratory at Sullivan Nicolaides Pathology (SNP) and is a visiting Haematologist at the Princess Alexandra Hospital. As well as morphology and malignant haematology she has interests in management and accreditation of laboratories. She is the Chair of the RCPA Haematology Advisory Committee, a member of NPAAC (National Pathology Accreditation Advisory Committee) and MTAAC (Medical Testing Accreditation Advisory Committee,) an examiner in Haematology for the RCPA and Deputy CEO of SNP.
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