

Centre for the Advancement of Clinical Research



Prof. Lawrie Powell AC
Director
Research

Overview

The Centre for the Advancement of Clinical Research promotes innovative clinical research within RBWH. The Centre supports current and future researchers participating in research programs and fosters strong links with partner organisations including RBWH Foundation, UQ, QIMR, QUT and Griffith University. The Centre is complementary to, and liaises closely with the RBWH Foundation whose key role is to raise funds for research and manage any grants placed through the Foundation. The Centre assists researchers in the preparation of applications for funding and ethical approval of research. Applications for research funding are facilitated by administrative staff familiar with the relevant legal, ethical, regulatory, scientific and financial requirements for research activity within the complex.

RBWH separates the functions of Research Governance and Ethics, which is undertaken by the RBWH Human Research Ethics Committee (HREC). Research governance is the framework by which the institution oversees and administers research to ensure that it complies with relevant legislation and meets appropriate standards of quality, safety, privacy, risk and financial management. These activities are increasing significantly as the research activities on campus expand in number and complexity.

During 2014 the centre provided six training sessions on the fundamentals of clinical research via the Introduction to Research Principles for Healthcare Professionals course. This training program covered research methodology, intellectual property, legal issues in research, considerations for research ethics, statistical considerations for research planning, online research resources grant writing and research integrity.

Research staff

Name	Qualifications	Position	Interests/specialities
Prof. Lawrie Powell AC	MD, PhD, DUniv (Griff), FRACP, FRCP (Lond), FRCPT	Director, Research	liver disease, haemochromatosis, research and research governance
Jacqueline Robinson	RN, BAA, LLM	Research Governance Officer	research ethics and research governance
Anitha Dinesh	MBA (Finance), PGDBF(Banking and Finance)	Assistant Research Support Officer/ Assistant Business Manager Research	financial management
Estelle Ellis		Executive Assistant	
Mimy Andree	Dip. Business Management	Administration Officer (from June 2013)	research governance administration

Research Advisory Committee

Following the recommendations of the Ryan Review in 2004, a Research Advisory Committee was established to advise the hospital on matters of research and research funding and also to advise the RBWH Foundation on the allocation of grants. The composition of the Research Advisory Committee for 2013 was as follows:

- Assoc. Prof. Gerard Byrne BSc (Med), MBBS (Hons.) PhD (Chair) FRANZCP. Head, Academic Discipline of Psychiatry, UQ and Director, Older Persons' Mental Health Service, MNHHS
- Prof. Lawrie Powell AC, MD, PhD, DUniv (Griff), FRACP, FRCP (London), FRCPT. Director, Research, RBWH
- Prof. Ron Dickinson BSc Hons, PhD. Prof.ial Research Fellow and Director, Centre for Studies in Drug Disposition, UQ
- Prof. Murray Mitchell DPhil, DSc, FRSNZ. Director, UQ-CCR
- Dr Jacobus Ungerer MBChB, MMed (Chem Path), MBL, FRCPA. Acting Director, Chemical Pathology, Pathology Queensland
- Dr Ian Wilkey MBBS, BSc, LLB, FRCPA, FAFPHM. Chair, QIMR Ethics Committee
- Dr Peter Roeser MD, FRACP, FRCPA. Retired Physician, UQ Department of Medicine
- Prof. Robert Tindle PhD. Prof. Emeritus, UQ and Former Director, Sir Albert Sakzewski Virus Research Centre, RCH and Clinical Medical Virology Centre, UQ
- Assoc. Prof. Roger Allison MBBS, DObst, MRCP, FRCR, FRACR, FACHPM. Executive Director, Cancer Care Services, RBWH
- Prof. Grant Ramm, BSc, PhD, Group Leader, Hepatic Fibrosis Laboratory, QIMR Berghofer

- Prof. Joan Webster, RN, BA, Nursing Director, Research, RBWH
- Prof. Claire Rickard, PhD, NHMRC Centre of Research Excellence in Nursing Interventions, Griffith University
- Prof Jenny Strong PhD, MOccThy, BOccThy, Professor of Occupational Therapy, School of Health and Rehabilitation Sciences, The University of Queensland

Research grants

Investigators <small>*RBWH staff; bold, this department</small>	Project title	Granting body and scheme	Amount awarded (years)
Delatycki, M.	Venesection or expectant management for moderate iron overload in HFE related hereditary haemochromatosis	NHMRC Project	\$820,000 (2012-2014)
McLaren, C.	Genetic modifiers of iron status in hemochromatosis HFE C282Y homozygotes	NIH USA	\$2,300,000 (2013-2015)

Publications by Departments within Services

Nutrition and Dietetics Research Articles

1. Brown T, Banks M, Hughes B, Kenny L, Lin C, Bauer J. Protocol for a randomized controlled trial of early prophylactic feeding via gastrostomy versus standard care in high risk patients with head and neck cancer. *BMC nursing*. 2014;13(1):17.
2. Brown T, Ross L, Jones L, Hughes B, Banks M. Nutrition outcomes following implementation of validated swallowing and nutrition guidelines for patients with head and neck cancer. *Supportive Care in Cancer*. 2014;22(9):2381-91.
3. Dekker Nitert M, Barrett H.L.; de Jersey S.J.; Matusiak K.; McIntyre H.D.; and Callaway, L.K. Preconception care and barriers to addressing overweight and obesity: a focus on weight loss advice and weight loss strategies. In: C.J. Hollins-Martin OBAvdA, C.R. Martin, V.R. Preedy, editor. *Handbook of diet and nutrition in the menstrual cycle, periconception and fertility*. Netherlands: Wageningen Academic Publishers; 2014.
4. Hanna K, Fassett R, Gill E, Healy H, Kimlin M, Ross L, et al. Serum 25 hydroxy vitamin D concentrations are more deficient/insufficient in peritoneal dialysis than haemodialysis patients in a sunny climate. *Journal of Human Nutrition and Dietetics*. 2014.
5. Kurmis R, Nicolls C, Forbes S, Young V, Wood K. Nutritional Management. In: Edgar Dale, editor. *Burn Trauma Rehabilitation: Allied Health Practice Guidelines*. Philadelphia: Lippincott Williams & Wilkins; 2014.
6. Mallan KM, Daniels LA, de Jersey SJ. Confirmatory factor analysis of the Baby Eating Behaviour Questionnaire and associations with infant weight, gender and feeding mode in an Australian sample. *Appetite*. 2014;82:43-9.
7. Mason B, Ross L, Gill E, Healy H, Juffs P, Kark A. Development and validation of a dietary screening tool for high sodium consumption in Australian renal patients. *Journal of Renal Nutrition*. 2014;24(2):123-34. e3.
8. Osland E. An investigation into the Professional Quality of Life of dietitians working in acute care caseloads: are we doing enough to look after our own? *Journal of Human Nutrition and Dietetics*. 2014.
9. Osland E, Hossain MB, Khan S, Memon MA. Effect of Timing of Pharmaconutrition (Immunonutrition) Administration on Outcomes of Elective Surgery for Gastrointestinal Malignancies A Systematic Review and Meta-Analysis. *Journal of Parenteral and Enteral Nutrition*. 2014;38(1):0148607112474825.
10. Osland EJ, Ali A, Isenring E, Ball P, Davis M, Gillanders L. Australasian Society for Parenteral and Enteral Nutrition guidelines for supplementation of trace elements during parenteral nutrition. *Asia Pacific Journal of clinical nutrition*. 2014;23(4):545.
11. Roberts S, Chaboyer W, Leveritt M, Banks M, Desbrow B. Nutritional intakes of patients at risk of pressure ulcers in the clinical setting. *Nutrition*. 2014;30(7):841-6.
12. Ross L. From the Deputy Editor. *Nutrition & Dietetics*. 2014;71(4):215-.
13. Webster J, Osborne SR, Gill R, Chow CFK, Wallin S, Jones L, et al. Does Preoperative Oral Carbohydrate Reduce Hospital Stay? A Randomized Trial. *AORN journal*. 2014;99(2):233-42.

Nutrition and Dietetics Published Abstracts

1. Young A, Appleton, L.; Rogers, L.; Mudge, A.; Ross, L.; Isenring, E.; Banks M. Thinking outside the box: changing the focus of hospital dietitians. *Dietitian's Association of Australia 31st National Conference May; Brisbane: Nutrition and Dietetics; 2014.*
2. Scott A, Brown T. Implementation of an Oesophageal Cancer Nutrition Care Pathway facilitates timely dietetic referral and management. *Dietitians Association of Australia 31st National Conference May; Brisbane: Nutrition and Dietetics; 2014.*
3. Ross L, Mudge, A.; Vivanti, A.; Porteous, H.; Suna, J.; Bookless D. Poor appetite and diet quality in heart failure patients: targets for intervention. *Dietitians Association of Australia 31st National Conference May; Brisbane: Nutrition and Dietetics; 2014.*
4. Rametta E, Mallen, K.; Daniels, L.; de Jersey S. Maternal overweight and early infant feeding practices. *Dietitians Association of Australia 31st National Conference May; Brisbane: Nutrition and Dietetics; 2014.*
5. Petschel K, Markwell, K.; Mallen, K.; de Jersey S. Dietary restraint does not influence weight retention at four months post partum. *Dietitians Association of Australia 31st National Conference May; Brisbane: Nutrition and Dietetics; 2014.*
6. Osland E. Are we doing enough to look after our own? Preliminary exploration of Professional Quality of Life in Acute Care Dietitians. *Dietitians Association of Australia 31st National Conference May; Brisbane: Nutrition and Dietetics; 2014.*
7. Musial J, Krausse H. Improved Outcomes for Patients completing DAFNE at RBWH. *Dietitians Association of Australia 31st National Conference May; Brisbane: Nutrition and Dietetics; 2014.*
8. Mayr H, Hall, J.; Hollis, G.; Hannan-Jones, M.; Ellick, J.; Banks M. Implementing a new menu: measuring quality using the meal quality audit tool (MQAT). *Dietitians Association of Australia 31st National Conference May; Brisbane: Nutrition and Dietetics; 2014.*
9. Lowe A, Brown, T.; Scott A. Regular auditing of malnutrition screening practices on a hospital Oncology Day Therapy Unit improves adherence and accuracy. *Dietitians Association of Australia 31st National Conference May; Brisbane: Nutrition and Dietetics; 2014.*
10. Juffs P, Ellick, J.; Banks, M.; Suter, J.; Baker, B.; Peacey, K.; Kane S. Let them eat cake: providing nutritious mid-meals in an acute hospital setting. *Dietitians Association of Australia 31st National Conference May; Brisbane: Nutrition and Dietetics; 2014.*
11. Hill J, Banks M. Improving nutrition care practices in public hospitals across Queensland: an evaluation of the Malnutrition Prevention project. *Dietitians Association of Australia 31st National Conference May; Brisbane: Nutrition and Dietetics; 2014.*
12. Hannan-Jones M, Capra, S.; Banks, M.; Juffs P. Perceptions of meal quality and appearance – china plates or disposables – does it matter? *Dietitian's Association of Australia 31st National Conference May; Brisbane: Nutrition and Dietetics; 2014.*
13. Glen K, Joliffe, L.; Young, A.; Malonie K. High nursing and patient satisfaction with innovative and interactive malnutrition teaching at the bedside. *Dietitians Association of Australia 31st National Conference May; Brisbane: Nutrition and Dietetics; 2014.*
14. Ellick J, Banks, M.; Appleyard M. . Dietitian First Gastroenterology Clinic: A Pilot Study. *Dietitian's Association of Australia 31st National Conference May; Brisbane: Nutrition and Dietetics; 2014.*
15. de Jersey S, Nicholson, JM.; Callaway, LK.; Daniels, LA. Gestational weight gain knowledge may prevent a large increase in food consumption early in pregnancy. *Dietitians Association of Australia 31st National Conference May; Brisbane: Nutrition and Dietetics; 2014.*
16. de Jersey S, Nicholson, JM.; Callaway, LK.; Daniels, LA. Perceived change in energy balance behaviour early in pregnancy may increase the risk of excess gestational weight gain. *Dietitians Association of Australia 31st National Conference May; Brisbane: Nutrition and Dietetics; 2014.*
17. Brown T, Banks, M.; Hughes, B.; Lin, C.; Kenny, L.; Bauer, J. Do advancing radiotherapy techniques impact on our nutrition management of patients with head and neck cancer? *Dietitians Association of Australia 31st National Conference May; Brisbane: Nutrition and Dietetics; 2014.*
18. Agarwal E, Ferguson, M.; Banks, M.; Vivanti, A.; Bauer, J.; Capra, S.; Isenring, E. Protein-energy malnutrition exists and is associated with negative outcomes in morbidly obese hospital patients. *Dietitians Association of Australia 31st National Conference May; Brisbane: Nutrition and Dietetics; 2014.*
19. Banks M, Ellick, J.; Buckley, A.; Hannan-Jones, M. Looks good enough to eat: Validation of a Meal Quality Audit Tool for use in Hospital Foodservices. *Dietitian's Association of Australia 31st National Conference May; Brisbane: Nutrition and Dietetics; 2014.*

Occupational Therapy Research Articles

1. Andrews, N.; Meredith, P.; Strong, J.; and Donohue, G. Adult attachment and approaches to activity engagement in chronic pain. *Pain Research and Management*, 2014; 19:317-327.
2. Andrews, N.; Strong, J.; Meredith, P.; D'Arrigo, R. The Association between Physical Activity and Sleep in Adults with Chronic Pain: A Momentary, Within-Persons Perspective. *Physical Therapy*. 2014; 94:499-510.
3. Killey, J.; Gustafsson, L. and Hoyle, M. (Paths to Work after Stroke in Australia. *Brain Impairment*, 2014; 15(2):99-106. doi:10.1017/BrImp.2014.18
4. Schleiger E, Sheikh N, Rowland T, Wong A, Read S, Finnigan S. Frontal EEG delta/alpha ratio and screening for post-stroke cognitive deficits: The power of four electrodes. *International Jnl Psychophysiology* 2014; 94:19-24.

Department of Physiotherapy Publications

Research articles

1. Bissett B, Boots RJ, Paratz J. Weaned but weary: One third of adult intensive care patients mechanically ventilated for 7 days or more have impaired inspiratory muscle endurance after successful weaning. *Heart & Lung: The Journal of Acute and Critical Care*. 2014; Nov 13. pii: S0147-9563(14)00369-0. doi: 10.1016/j.hrtlng.2014.10.001.
2. Comans T, Raymer M, O'Leary S, Smith D, Scuffham P Cost-effectiveness of a physiotherapist-led service for orthopaedic outpatients. *J Health Serv Res Policy*. 2014; Oct;19(4):216-23
3. Jones AY and Ngai S Acu-TEMS lowers blood lactate level and enhances heart rate recovery after exercise. *J Traditional Chinese Medical Sciences*. 2014; 1:73-80
4. Liao LR, Lam FM, Pang MY, Jones AY, Ng GY Leg muscle activity during whole-body vibration in individuals with chronic stroke. *Med Sci Sports Exerc*. 2014; 46(3):537-45.
5. Mudge AM, Barras M, Adsett J, Mullins RW, Lloyd S, Kasper K. Improving care transitions in individuals frequently admitted to the hospital. *J Am Geriatr Soc*. 2014; 62(10):1994-6.
6. Ngai S, Jones AY, Jenkins S Regression equations to predict 6-minute walk distance in Chinese adults aged 55–85 years. *Hong Kong Physiotherapy Journal* 05/2014; 2014; 32(2):58-64.
7. Paratz J, Stockton K, Paratz E, Blot S, Muller M, Lipman J, Boots R. Burn resuscitation – hourly urine output vs alternative endpoints: a systematic review *Shock: Injury, Inflammation and Sepsis*. 2014; 42(4):295-306
8. Paratz JD, Kenardy J, Mitchell G, Comans T, Coyer F, Thomas P, Singh S, Luparia L, Boots RJ. IMPOSE (IMProving Outcomes after Sepsis)-the effect of a multidisciplinary follow-up service on health-related quality of life in patients postsepsis syndromes-a double-blinded randomised controlled trial: protocol. *BMJ Open*. 2014;4(5):e004966. doi: 10.1136/bmjopen-2014-004966
9. Paratz JD, Lipman J, Boots RJ, Muller MJ, Paterson DL A new marker of sepsis post burn injury? *Crit Care Med* 2014; 42(9):2029-36
10. Thomas P, Lipman J, Paratz J Seated and semi-recumbent positioning of the ventilated intensive care patient - effect on gas exchange, respiratory mechanics and hemodynamics. *Heart & Lung: The Journal of Acute and Critical Care*. 2014; 43(2):105-11.
11. Walsh JR, Morris NR, McKeough ZJ, Yerkovich ST, Paratz JD. A simple clinical measure of quadriceps muscle strength identifies responders to pulmonary rehabilitation *Pulm Med*. 2014:782702.
12. Yu DT, Jones AY Are physiological changes experienced by healthy subjects during acu-TENS associated with acupuncture point sensations? *Acupunct Med*. 2014;32(1):28-36

Department of Rehabilitation Engineering Research Articles

1. Schuurs S, Amsters D, Bayliss C, Maughan L, Mason O, Slattery P Using programme theory to evaluate delivery of health services: A methodology accessible to clinicians. *Int J Therapy and Rehabilitation*. 2014

Department of Social Work and Psychology Publications

Research articles

1. Crane P, Fox S, Spencer A, Hardy F, Campbell C (2014). Enhancing social work interprofessional learning through across university and industry collaboration: Early steps in the Advanced Health Directives project. *Advances in Social Work & Welfare Education*, 2014; 16(1)

Department of Speech Pathology and Audiology Publications

Research articles:

1. Burns C, Ward E, Hill A, Keir B, Farrell A, Porter L, & Phillips N. The impact of image transfer on image quality in videofluoroscopic swallow studies. *Dysphagia* 2014; 29:799-800
2. McGowan S, Ward E, Wall L, Shellshear L, & Spurgin A-L. UK survey of clinical consistency in tracheostomy management. *International Journal of Language and Communication Disorders* 2014; 49(1):127-138.
3. Ward E, & Burns C. Dysphagia management via telerehabilitation: A review of the current evidence. *Journal of Gastroenterology and Hepatology Research* 2014; 3 (5):1088-1094.
4. Ward E, Burns C, Theodoros D, & Russell T. Impact of dysphagia severity on clinical decision making via telerehabilitation. *Telemedicine and e-Health* 2014; 20 (4):296-303.
5. Ward E, Baker S, Wall L, Duggan B, Hancock K, Bassett L, & Hyde T. Can Human Mannequin-based simulation provide a feasible and clinically acceptable method for training tracheostomy management skills for speech pathologists? *American Journal of Speech-Language Pathology* 2014; 23(3):421-36

Book chapters:

1. Burns C, Hill A, & Ward E. Supporting Head and Neck Cancer Management: Use of Technology. In: Ward E & van As-Brooks C, editors. *Head and Neck Cancer, Treatment, Rehabilitation and Outcomes*. 2nd ed. San Diego, CA: Plural; 2014.
2. Ward E, Acton L, & Spurgin A-L. Stoma Care and Appliances. In: Ward E & van As-Brooks C, editors. *Head and Neck Cancer, Treatment, Rehabilitation and Outcomes*. 2nd ed. San Diego, CA: Plural; 2014.
3. Ward E, Burnett R, Spurgin A-L, Kelly A, Stierwalt J, Wilson K, Yiu E, & van der Molen L. Management of Head and Neck Cancer: An International Perspective In: Ward E & van As-Brooks C, editors. *Head and Neck Cancer, Treatment, Rehabilitation and Outcomes*. 2nd ed. San Diego, CA: Plural; 2014.

Haematology and Bone Marrow Transplant Clinical Research Articles

1. Al-Ejeh, F, Offenhauser, C, Lim, YC, Stringer, BW, Day, BW, Boyd, AW Eph family co-expression patterns define unique clusters predictive of cancer phenotype. *Growth Factors* 2014;32:254-264.
2. Alexander KA, Flynn R, Lineburg KE, Kuns RD, Teal BE, Olver SD, Lor M, Raffelt NC, Koyama M, Leveque L, Le Texier L, Melino M, Markey KA, Varelias A, Engwerda C, Serody JS, Janela B, Ginhoux F, Clouston AD, Blazar BR, Hill GR, MacDonald KP. CSF-1-dependant donor-derived macrophages mediate chronic graft-versus-host disease. *J Clin Invest*. 2014;124:4266-4280.
3. Andani R, Robertson I, Macdonald KP, Durrant S, Hill GR, Khosrotehrani K. Origin of Langerhans cells in normal skin and chronic GVHD after hematopoietic stem-cell transplantation. *Exp Dermatol*. 2014;23:75-77.
4. Awan FT, Hillmen P, Hellmann A, Robak T, Hughes SG, Trone D, Shannon M, Flinn IW, Byrd JC; including LUCID trial investigator Durrant S. A randomized, open-label, multicentre, phase 2/3 study to evaluate the safety and efficacy of lumiliximab in combination with fludarabine, cyclophosphamide and rituximab versus fludarabine, cyclophosphamide and rituximab alone in subjects with relapsed chronic lymphocytic leukaemia. *Br J Haematol*. 2014;167:466-477.
5. Benboubker L, Dimopoulos MA, Dispenzieri A, Catalano J, Belch AR, Cavo M, Pinto A, Weisel K, Ludwig H, Bahlis N, Banos A, Tiab M, Delforge M, Cavenagh J, Gherdes C, Lee JJ, Chen C, Oriol A, de la Rubia J, Qiu L, White DJ, Binder D, Anderson K, Femand JP, Moreau P, Attal M, Knight R, Chen G, Van Oostendorp J, Jacques C, Ervin-Haynes A, Avet-Loiseau H, Hulin C, Facon T; FIRST Trial Team including Durrant S. Lenalidomide and dexamethasone in transplant-ineligible patients with myeloma. *N Engl J Med*. 2014;371:906-917.
6. Bilmon I, Nivison-Smith I, Hertzberg M, Ritchie D, Greenwood M, Spencer A, Kennedy G, Bryant A & Moore J. Outcomes following second allogeneic haematopoietic transplants using fludarabine-melphalan conditioning. *Bone Marrow Transplantation*. 2014;49:852-853.
7. Bilmon IA, Ashton LJ, Le Marsney RE, Dodds AJ, O'Brien TA, Wilcox L, Nivison-Smith I, Daniels B, Vajdic CM; CAST study group including Durrant S. Second cancer risk in adults receiving autologous haematopoietic SCT for cancer: a population-based cohort study. *Bone Marrow Transplant*. 2014;49:691-698.
8. Boyd, AW, Bartlett, PF, Lackmann, M. Therapeutic targeting of Eph receptors and their ligands. *Nat Rev Drug Discovery* 2014;13:39-62.
9. Bruedigam C, Bagger FO, Heidel FH, Paine Kuhn C, Guignes S, Song A, Austin R, Vu T, Lee E, Riyat S, Moore AS, Lock RB, Bullinger L, Hill GR, Armstrong SA, Williams DA, Lane SW. Telomerase inhibition effectively targets mouse and human AML stem cells and delays relapse following chemotherapy. *Cell Stem Cell*. 2014;15:775-790.
10. Cheah CY, Herbert KE, O'Rourke K, Kennedy GA, George A, Fedele PL, Gilbertson M, Tan SY, Ritchie DS, Opat SS, Prince HM, Dickinson M, Burbury K, Wolf M, Januszewicz EH, Tam CS, Westerman DA, Carney DA, Harrison SJ & Seymour JF. A multicentre retrospective comparison of central nervous system prophylaxis strategies among patients with high-risk diffuse large B-cell lymphoma. *British Journal of Cancer* 2014;111:1072-1079.
11. Collins JT, Narayana MJ, Morris K, Casey J, Inglis PL, Cheuk R, Rajah T, Robertson T & Kennedy GA. Adult medulloblastoma: feasibility and effectiveness of utilising high-dose chemotherapy with autologous stem cell rescue in newly diagnosed patients. *Internal Medicine Journal*. 2014;44:209-210.
12. Cummins KD, Jane SM, Nikovic S, Bazargan A, Filshie R, Sutrage G, Gertzberg M, Scott A, Lane SW, Yannakou CK, Ditchie D, D'Rozario J, Black J, Bavishi K, Wei A. Sorafenib priming may augment salvage chemotherapy in relapsed and refractory FLT3-ITD-positive acute myeloid leukaemia. *Blood Cancer J* 2014;4:e237.
13. Curley C, Hill GR, McLean A, Kennedy GA. Outcomes following relapse of acute leukemia post T cell replete allogeneic peripheral blood progenitor cell transplantation: Importance of post relapse new onset chronic GVHD. *Int J Lab Hematol*. 2014;36:197-204.
14. Curley C, Hill GR, McLean A, Kennedy GA. Immunotherapy following relapse of acute leukaemia after T-cell-replete allogeneic peripheral blood progenitor cell transplantation: importance of new onset chronic graft-versus-host disease. *Int J Lab Hematol*. 2014;36:197-204.
15. Day, BW, Stringer, BW, Boyd, AW Eph Receptors as Therapeutic Targets in Glioblastoma Multiforme. *Brit. J. Cancer*. 2014;111:1255-1261.
16. Dubovsky JA, Flynn R, Du J, Harrington BK, Zhong Y, Kaffenberger B, Yang C, Towns WH, Lehman A, Johnson AJ, Muthusamy N, Devine SM, Jaglowski S, Serody JS, Murphy WJ, Munn DH, Luznik L, Hill GR, Wong HK, MacDonald KK, Maillard I, Koreth J, Elias L, Cutler C, Soiffer RJ, Antin JH, Ritz J, Panoskaltis-Mortari A, Byrd JC, Blazar BR. Ibrutinib treatment ameliorates murine chronic graft-versus-host disease. *J Clin Invest*. 2014;124:4867-4876.
17. Ferrari de Andrade L, Ngiow SF, Stannard K, Rusakiewicz S, Kalimutho M, Khanna KK, Tey SK, Takeda K, Zitvogel L, Martinet L, Smyth MJ. Natural killer cells are essential for the ability of BRAF inhibitors to control BRAFV600E-mutant metastatic melanoma. *Cancer Res*. 2014;74:7298-7308
18. Flynn R, Du J, Veenstra RG, Reichenbach DK, Panoskaltis-Mortari A, Taylor PA, Freeman GJ, Browning JL, Serody JS, Murphy WJ, Munn DH, Sarantopoulos S, Luznik L, Maillard I, Koreth J, Cutler C, Soiffer RJ, Antin JH, Ritz J, Dubovsky JA, Byrd JC, MacDonald KP, Hill GR, and Blazar BR. Increased T follicular helper cells and germinal center B cells are required for chronic GVHD and bronchiolitis obliterans. *Blood* 2014;123:3988-3998.
19. Gambacorti-Passerini C, Brummendorf TH, Kim DW, Turkina AG, Masszi T, Assouline S, Durrant S, Kantarjian HM, Khoury HJ, Zaritskey A, Shen ZX, Jin J, Vellenga E, Pasquini R, Mathews V, Cervantes F, Besson N, Turnbull K, Leip E, Kelly V, Cortes JE. Bosutinib efficacy and safety in chronic phase chronic myeloid leukemia after imatinib resistance or intolerance: Minimum 24-month follow-up. *Am J Hematol*. 2014;89:732-742.
20. Haque A, Best SE, Montes de Oca M, James KR, Ammerdorffer A, Edwards CL, de Labastida Rivera F, Amante FH, Bunn PT, Sheel M, Sebina I, Koyama M, Varelias A, Hertzog PJ, Kalinke U, Gun SY, Rénia L, Ruedl C, MacDonald KP, Hill GR, Engwerda CR. Type I IFN signaling in CD8- DCs impairs Th1-dependent malaria immunity. *J Clin Invest*. 2014;124:2483-2496.
21. He SZ, Busfield S, Ritchie DS, Hertzberg MS, Durrant S, Lewis ID, Marlton P, McLachlan AJ, Kerridge I, Bradstock KF, Kennedy G, Boyd AW, Yeadon TM, Lopez AF, Ramshaw HS, Iland H, Bamford S, Barnden M, DeWitte M, Bassar R, Roberts AW. A Phase 1 study of the safety, pharmacokinetics and anti-leukemic activity of the anti-CD123 monoclonal antibody CSL360 in relapsed, refractory or high-risk acute myeloid leukemia. *Leuk Lymphoma*. 2014;20:1-10.
22. Ieguchi, K, Tomita, T, Omori, T, Komatsu, A, Deguchi, A, Masuda, J, Duffy, SD, Coulthard, MG, Boyd, AW, Maru, T. ADAM12-cleaved ephrin-A1 causes lung metastasis. *Oncogene* 2014;33:2179-2190.
23. Jackson K, Mollee P, Morris K, Butler J, Jackson D, Kruger P, Klein K, Kennedy G. Outcomes and prognostic factors for patients with acute myeloid leukemia admitted to the intensive care unit. *Leuk Lymphoma*. 2014;55:97-104.
24. Jackson K, Kennedy G, Mollee P, Marlton P, Morris K. Intensive chemotherapy and reduced-intensity allogeneic hematopoietic stem cell transplantation for acute myeloid leukemia in elderly patients. *Asia Pac J Clin Oncol*. 2014;10:246-254.
25. Kantarjian HM, Cortes JE, Kim DW, Khoury HJ, Brummendorf TH, Porkka K, Martinelli G, Durrant S, Leip E, Kelly V, Turnbull K, Besson N, Gambacorti-Passerini C. Bosutinib safety and management of toxicity in leukemia patients with resistance or intolerance to imatinib and other tyrosine kinase inhibitors. *Blood*. 2014;123:1309-1318.
26. Kennedy GA, Varelias A, Vuckovic S, Le Texier L, Gartlan KH, Zhang P, Thomas G, Anderson L, Boyle G, Cloonan N, Leach J, Sturgeon E, Avery J, Olver SD, Lor M, Misra AK, Hutchins C, Morton AJ, Durrant ST, Subramoniapillai E, Butler JP, Curley CI, MacDonald KP, Tey SK, Hill GR. Addition of interleukin-6 inhibition with tocilizumab to standard graft-versus-host disease prophylaxis after allogeneic stem-cell transplantation: a phase 1/2 trial. *Lancet Oncol*. 2014;15:1451-1459.
27. Koyama M, Hashimoto D, Nagafuji K, Eto T, Ohno Y, Aoyama K, Iwasaki H, Miyamoto T, Hill GR, Akashi K, Teshima T. Expansion of donor-reactive host T cells in primary graft failure after allogeneic hematopoietic SCT following reduced-intensity conditioning. *Bone Marrow Transplant*. 2014;49:110-115.
28. Lane SW, Mullally A. Hit the spleen, JAK! *Blood*. 2014;124:2898-2900.
29. Lane SW, Williams DA, Watt FM. Modulating the stem cell niche for tissue regeneration. *Nat Biotechnol*. 2014;32:795-803.
30. Lim, YC, Roberts, TL, Day, BW, Kozlov, S, Kajis, A, Fazry, S, Ho, U, Walker, DG, Boyd, AW, Lavin, MF. Increased sensitivity to ionizing radiation by targeting the homologous recombination pathway in glioma initiating cells. *Mol Oncol*. 2014;8:1603-1615.
31. MacDonald KP, Le Texier L, Zhang P, Morris H, Kuns RD, Lineburg KE, Leveque L, Don AL, Markey KA, Vuckovic S, Bagger FO, Boyle GM, Blazar BR, Hill GR. Modification of T cell responses by stem cell mobilization requires direct signaling of the T cell by G-CSF and IL-10. *J Immunol*. 2014;192:3180-3189.
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Department of Nursing (Cancer Care Services) Publications

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Department of Emergency Medicine Publications

Research articles

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Department Intensive Care Unit

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Department of Neurology

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