

### Externally Funded Research Programs

#### New research grants

<i>Name of research program</i>	<i>Recipients</i>	<i>Name of research grant</i>				
Program Grant	Prof Murray Norris Children's Cancer Institute	PG 16-01 Improving outcomes for children with leukaemia through molecular targeted therapies.	\$449,998	\$0	\$449,998	Leukaemia
The Harry McPaul Program Grant	A/Prof Claire Wakefield University of New South Wales	PG 16-02 The Harry McPaul Program Grant - Development and implementation of real-world, sustainable, interventions to prevent chronic physical and mental health conditions in paediatric cancer survivors and their families.	\$448,701	\$0	\$448,701	Childhood cancer
Program Grant	Prof John Wiggers University of Newcastle	PG 16-05 Community prevention of cancer: building the evidence base for translation into policy and practice.	\$447,106	\$0	\$447,106	All cancers
Program Grant	Prof Rob Sanson-Fisher University of Newcastle	PG 16-09 Improving and maintaining holistic cancer survivor outcomes. A system-based program.	\$446,990	\$0	\$446,990	All cancers
The Kay Stubbs Project Grant	Prof Susan Clark Garvan Institute of Medical Research	RG 16-02 The Kay Stubbs Project Grant - Exploring and Exploiting the DNA Methylation Profile of endocrine resistant breast cancer.	\$120,000	\$0	\$120,000	Breast cancer
The Kay Stubbs Project Grant	Prof Peter Croucher Garvan Institute of Medical Research	RG 16-03 The Kay Stubbs Project Grant - Anti-sclerostin- a novel, dual action agent to treat multiple myeloma.	\$120,000	\$0	\$120,000	Myeloma
Project Grant	Prof David Gottlieb University of Sydney	RG 16-04 Co-administration of malignancy and infection specific T cells after allogeneic stem cell transplant for acute leukaemia with CD34+ stem cells.	\$120,000	\$0	\$120,000	Leukaemia
Project Grant	Prof Philip Hansbro University of Newcastle	RG 16-05 Identification of genomic mutations associated with the development and progression of lung cancer for use in early diagnosis.	\$120,000	\$0	\$120,000	Lung cancer

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Project Grant	Dr Phoebe Phillips University of New South Wales	RG 16-08 Reprogramming the tumour microenvironment by therapeutically targeting heat shock proteins in pancreatic cancer.	\$120,000	\$0	\$120,000	Pancreatic cancer
Project Grant	A/Prof Hilda Pickett Children's Medical Research Institute	RG 16-09 Developing treatment strategies to target telomere maintenance in cancer.	\$119,004	\$0	\$119,004	All cancers
Project Grant	Prof Roger Reddel Children's Medical Research Institute	RG 16-10 G-quadruplex DNA: a molecular target for treatment of cancers using the Alternative Lengthening of Telomeres (ALT) mechanism.	\$120,000	\$0	\$120,000	All cancers
The Susan and James Freeman Project Grant	A/Prof Stuart Tangye Garvan Institute of Medical Research	RG 16-11 The Susan and John Freeman Project Grant - Mechanisms underlying impaired anti-EBV and anti-tumour immunity causing B-cell lymphoma in primary immunodeficiencies.	\$120,000	\$0	\$120,000	Lymphoma
Project Grant	Prof Xu Dong Zhang University of Newcastle	RG 16-12 Co-targeting CD47 and the MAPK pathway in melanoma.	\$118,928	\$0	\$118,928	Melanoma
Project Grant	Dr Mustafa Khasraw University of Sydney	RG 16-13 VERTU - Veliparib, Radiotherapy and Temozolomide trial in Unmethylated MGMT Glioblastoma.	\$119,959	\$0	\$119,959	Brain cancer
Priority-driven Collaborative Cancer Research Scheme	Prof Finlay Macrae Melbourne Health	RGPd 16-16 CaPP3: a randomized double blind dose inferiority trial of aspirin in Lynch Syndrome.	\$96,780	\$96,780	\$193,560	Lynch syndrome
Priority-driven Collaborative Cancer Research Scheme	A/Prof Manish Patel University of Sydney	RGPd 16-17 Developing a Patient-Reported Symptom Index for Non-muscle Invasive Bladder Cancer.	\$77,720	\$77,720	\$155,439	Bladder cancer
<b>TOTAL RESEARCH FUNDED (new program)</b>			<b>\$3,165,186</b>	<b>\$174,500</b>	<b>\$3,339,685</b>	

## Continuing research grants

Priority-driven Collaborative Cancer Research Scheme	Dr Lorraine O'Reilly The Walter and Eliza Hall Institute of Medical Research	RGPd 13-01 Understanding the role of NF-KB in the progression of gastric adenocarcinomas and assessment of new therapies.	\$9,544	\$0	\$9,544	Stomach cancer
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Project Grant	Prof Christopher Liddle University of Sydney	RG 14-02 Novel approaches to target cancer stem cells in liver cancer.	\$119,757	\$0	\$119,757	Liver cancer
Project Grant	Prof Jacqui Matthews University of Sydney	RG 14-03 Developing inhibitors of the LMO4 oncoprotein.	\$119,037	\$0	\$119,037	Breast cancer
Project Grant	Dr Jeremy Henson Lowy Research Institute UNSW	RG 14-04 Development of the C-Circle biomarker as a cancer diagnostic.	\$116,149	\$0	\$116,149	Bone (50%), All cancers (50%)
Project Grant	Prof John Rasko Centenary Institute	RG 14-05 Consequences of CTCF haploinsufficiency in endometrial carcinoma.	\$120,000	\$0	\$120,000	Uterine cancer
Project Grant	Dr Lionel Hebbard University of Sydney	RG 14-06 Metabolic drivers of liver cancer progression.	\$120,000	\$0	\$120,000	Liver cancer
Project Grant	Prof Peter Croucher Garvan Institute of Medical Research	RG 14-07 Defining the critical role of osteoclasts in multiple myeloma cell growth and activation in bone.	\$120,000	\$0	\$120,000	Bone cancer
Project Grant	Dr Paul Timpson Garvan Institute of Medical Research	RG 14-08 Optimising ECM-targeted therapy in cancer using live intravital FRET biosensor imaging.	\$119,037	\$0	\$119,037	Pancreatic cancer
Project Grant	Prof John Rasko Centenary Institute	RG 14-09 Consequences of CTCF mutation in acute lymphoblastic leukaemia.	\$119,899	\$0	\$119,899	Leukaemia
Project Grant	Prof David Thwaites University of Sydney	RG 14-11 Do treatment delivery uncertainties limit the effectiveness of advanced technology radiotherapy treatments?	\$119,909	\$0	\$119,909	All Cancers
Project Grant	Prof Michael Rogers Garvan Institute of Medical Research	RG 14-12 A new use for old drugs: Anti-tumour effects of bisphosphonates via tumour-promoting myeloid cells.	\$120,000	\$0	\$120,000	Breast cancer
Project Grant	Dr Megan Chircop Children's Medical Research Institute	RG 14-13 Defining the cellular determinants that drive dynamin inhibitor induced cell death and in vivo efficacy against glioblastoma.	\$120,000	\$0	\$120,000	Brain cancer

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Project Grant	Dr Scott Byrne University of Sydney	RG 14-14 Skin cancer prevention and treatment by targeting sunlight-activated regulatory B cells.	\$120,000	\$0	\$120,000	Skin (50%), Melanoma (50%)
Project Grant	Dr Hilda Pickett Children's Medical Research Institute	RG 14-16 Altered teleomeric chromatin and its role in Alternative Lengthening of Telomeres.	\$106,149	\$0	\$106,149	All Cancers
Project Grant	Dr Glen Reid Asbestos Diseases Research Institute	RG 14-17 MicroRNA replacement: A novel therapeutic approach for malignant mesothelioma.	\$114,380	\$0	\$114,380	Lung cancer
Project Grant	Prof John Mattick Garvan Institute of Medical Research	RG 14-18 Modular RNA structures guiding epigenetic differentiation.	\$117,719	\$0	\$117,719	Breast cancer
Strategic Research Partnership Grant	Prof Rob Sanson-Fisher University of Newcastle	CSR 11-02 Behavioural Science Strategic Research Partnership.	\$0	\$0	\$0	All Cancers
Strategic Research Partnership Grant	A/Prof Gail Garvey Menzies School of Health Research	SRP 13-01 Strategic Research Partnership to improve cancer control for Indigenous Australians (STREP Ca-CIndA).	\$397,529	\$0	\$397,529	All Cancers
Strategic Research Partnership Grant	Dr Gillian Mitchell University of Melbourne	SRP 13-02 The Inherited Cancer Connect (Icon) Partnership.	\$391,952	\$0	\$391,952	All Cancers
Strategic Research Partnership Grant	Prof Andrew Grulich University of New South Wales	SRP 13-11 Preventing morbidity and mortality from anal cancer.	\$392,796	\$0	\$392,796	Anal cancer
45 and Up	Prof Sally Redman Sax Institute	45 and Up Study	\$400,000	\$0	\$400,000	All Cancers
Project Grant	Dr Nicole Verrills University of Newcastle	RG 15-03 A novel biomarker for luminal B breast cancer.	\$119,859	\$0	\$119,859	Breast cancer
The Robyn Trinder Cancer Council NSW Project Grant	Dr Jeff Holst University of Sydney	RG15-04 Starving cancer cells: Developing nutrient uptake inhibitors as prostate cancer therapeutics.	\$120,000	\$0	\$120,000	Prostate cancer
The Clement Saxton Cancer Council NSW Project Grant	Prof Xu Zhang University of Newcastle	RG15-05 RIP1 as a novel therapeutic target in melanoma.	\$119,269	\$0	\$119,269	Melanoma

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Project Grant	A/Prof Andrew Spillane University of Sydney	RG 15-06 Evaluation of Groin Lymphadenectomy Extent For metastatic Melanoma (Inguinal or Ilio-inguinal Lymphadenectomy for metastatic melanoma to groin lymph nodes and no pelvic disease on PET/CT Scan - a randomised controlled trial); ANZMTG 01:12 EAGLE FM Study.	\$120,000	\$0	\$120,000	Melanoma
Project Grant	Prof David (Neil) Watkins Garvan Institute of Medical Research	RG 15-07 Rational targeting of the Hedgehog pathway to treat osteosarcoma.	\$120,000	\$0	\$120,000	Bone cancer
The Valerie Enid Legge Cancer Council NSW Project Grant	Prof Xu Zhang University of Newcastle	RG 15-08 Elevated INPP4B as a biomarker and therapeutic target in colorectal cancer.	\$119,269	\$0	\$119,269	Colorectal cancer
Project Grant	Dr Jenny Wang University of NSW	RG 15-11 Identifying and targeting a novel self-renewal signalling cascade in leukemic stem cells.	\$119,500	\$0	\$119,500	Leukaemia
Project Grant	Dr Anthony Cesare Childrens Medical Research Institute	RG 15-12 Kinsase signalling in the Intermediate-state Telomere cell cycle Arrest Pathway (ITAP) during human ageing and in disease.	\$120,000	\$0	\$120,000	All Cancers
Project Grant	Dr Ian Johnston University of Sydney	RG 15-13 Ibudilast as a therapy for chemotherapy-induced neuropathic pain and cognitive impairments.	\$119,383	\$0	\$119,383	All Cancers
Project Grant	Dr Catherine Caldon Garvan Institute of Medical Research	RG 15-14 Aneuploidy as a driver of endocrine resistant breast cancer.	\$120,000	\$0	\$120,000	Breast (80%), Endocrine (20%)
Project Grant	Dr Kenneth Micklethwaite University of Sydney	RG 15-15 Gene modified T cells expressing a chimeric antigen receptor for a kappa light chain antigen to treat multiple myeloma.	\$112,359	\$0	\$112,359	Haematological cancer
Project Grant	Dr Karen Mackenzie University of NSW	RG 15-16 Dyskerin as a novel therapeutic target in neoplastic cells.	\$117,359	\$0	\$117,359	All Cancers
Project Grant	Prof Christine Clarke University of Sydney	RG 15-17 Role of progesterone in normal breast and its convergence with estrogen action in breast cancer.	\$119,859	\$0	\$119,859	Breast cancer

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Project Grant	A/Prof Marcel Dinger Garvan Institute of Medical Research	RG 15-19 Genetic stratification of tumours of the head, neck, pituitary and skull base - identifying prognostic and new therapeutic targets.	\$120,000	\$0	\$120,000	Head & neck (70%), Endocrine (20%), Bone (10%)
Project Grant	Prof David (Neil) Watkins Garvan Institute of Medical Research	RG 15-20 Targeting innate chemoresistance in lung adenocarcinoma.	\$106,859	\$0	\$106,859	Lung cancer
Project Grant	Professor Robert Baxter University of Sydney	RG 15-21 Breast cancer therapies that target IGFBP-3 signalling.	\$120,000	\$0	\$120,000	Breast cancer
Project Grant	A/Prof Bettina Meiser University of NSW	RG 15-22 When the stakes are high: Psychosocial and behavioural impact of genomic testing for cancer risk.	\$118,923	\$0	\$118,923	Breast cancer
Project Grant	Prof Anna DeFazio University of Sydney	RG 15-23 Novel treatment targets in low-grade serous ovarian cancer.	\$119,358	\$0	\$119,358	Endocrine (ovarian)
Priority driven Collaborative Cancer Research Scheme	Prof Jacob George University of Sydney	RGPd 15-18 HCC Outcomes mitigation and disease PrEvention through Clinical Partnerships (HOPE).	\$170,000	\$0	\$170,000	Liver cancer
<b>TOTAL RESEARCH FUNDED (continuing program)</b>			<b>\$5,665,854</b>	<b>\$0</b>	<b>\$5,665,854</b>	
<b>TOTAL EXTERNAL FUNDED RESEARCH PROGRAMS (including new and continuing research grants)</b>			<b>\$8,831,040</b>	<b>\$174,500</b>	<b>\$9,005,539</b>	

## Internally Funded Research Programs

### New research grants

#### *Name of research program*

Hepatocellular carcinoma (HCC) Outcomes mitigation and disease PrEvention through Clinical Partnerships (HOPE). Dr Monica Robotin, Mamta Porwal (Medical Scientific Issues Unit), Prof Jacob George (Westmead). Cancer Council NSW's share of Cancer Australia grant.	\$0	\$65,000	\$65,000	Liver cancer
A phase II randomised controlled trial of high dose Vitamin D in localised prostate cancer cases with intermediate risk of progression (Pros-D). Dr Visalini Nair-Shalliker. Funded via a Prostate Cancer Foundation of Australia Grant.	\$0	\$58,581	\$58,581	Prostate cancer
Proposal for outcome and cost-effectiveness modelling to support the Cancer Council Australia Colorectal Guideline Working Party. Prof Karen Canfell. Funded via a Cancer Council Australia Grant	\$0	\$100,765	\$100,765	Colorectal cancer

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Comparative Modeling to Inform Cervical Cancer Control Policies. Prof Karen Canfell. Funded via a US National Cancer Institute Grant.			\$0	\$211,906	\$211,906	Cervical cancer
Effectiveness and Cost-Effectiveness of HPV Vaccination and HPV-Based Cervical Cancer Screening Strategies in China. Prof Karen Canfell. Funded via an NHMRC Project Grant.			\$0	\$151,282	\$151,282	Cervical cancer
Development of clinical management guidelines for the prevention of cervical cancer. Prof Karen Canfell. Funded via Cancer Council Australia Grant.			\$0	\$184,103	\$184,103	Cervical cancer
Cancer Council NSW Prostate Cancer Group funding for core research projects and staff. A/Prof David Smith.			\$192,718	\$0	\$192,718	Prostate cancer
Cancer Council NSW Colorectal Group, core funding for research support staff to oversee and work on various projects. Prof Karen Canfell.			\$92,954	\$0	\$92,954	Colorectal cancer
Cancer Council NSW Lung Group, core funding for research support staff to oversee and work on various projects.			\$238,926	\$0	\$238,926	Lung cancer
Cancer Council NSW Methods Group, core funding for research support staff to oversee and work on various projects - Includes 45 and Up Cohort Study infrastructure funding, CLEAR Study, Linked Data Sets for Patterns of Care Study. Prof Dianne O'Connell.			\$1,597,465	\$0	\$1,597,465	All cancers
Cancer Council NSW Health Economics Group, core funding for research support staff to oversee and work on various projects			\$165,474	\$0	\$165,474	All cancers
Cancer Council NSW Vision 2040. Prof Karen Canfell			\$25,000	\$0	\$25,000	All cancers
<b>TOTAL RESEARCH FUNDED (continuing program)</b>			<b>\$2,312,537</b>	<b>\$771,637</b>	<b>\$3,084,174</b>	

## Continuing research grants

Hepatocellular carcinoma Outcome improvements Through Translational research in WESTern Sydney (HOTTer-West) program. Dr Monica Robotin (Medical Scientific Issues Unit). Prof Jacob George (Westmead), Prof Greg Dore (The Kirby Institute). Funded by Cancer Institute NSW.			\$0	\$31,000	\$31,000	Liver cancer
Improve your long game campaign evaluation. Vanessa Rock (Skin Cancer Prevention Unit), Michelle Havill (Skin Cancer Prevention Unit), Christina Falsone (Hall and Partners) and Natalie McKinnon (Hall and Partners). Cancer Institute NSW Partnership funding.			\$0	\$150,000	\$150,000	Melanoma and other skin cancers

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Enhancing Community Knowledge and Engagement with Law at the End of Life. Angela Pearce (Evaluation Unit). Funded by Australian Research Council.	\$0	\$117,168	\$117,168	All cancers
Who decides and at what cost? Angela Pearce (Evaluation Unit). NHMRC Partnership Grant with the University of Newcastle.	\$0	\$84,037	\$84,037	All cancers
Supporting people with cancer – Locally led Aboriginal Cancer Support Networks. Kelly Williams (Policy and Advocacy Unit), Marion Carroll (Policy and Advocacy Unit); Rhian Paton-Kelly, Brenna Smith (Northern Regional Team, Community Engagement and Program Delivery Division), Kerri Lucas, Catherine Wood, Dr Jenny Hunt, Angela Nicholas (AHMRC Research team). Funded by Cancer Australia grant.	\$0	\$40,000	\$40,000	All cancers
An e-learning program in smoking cessation for health and community sector professionals who work with high-prevalence groups. Scott Walsberger and Amani Sobhan (Tobacco Control Unit). Funded via a Cancer Institute NSW grant.	\$0	\$85,380	\$85,380	All cancers
Cost-effectiveness of a systems change intervention for smoking cessation in drug and alcohol treatment centres. Scott Walsberger (Tobacco Control Unit) in partnership with University of Newcastle. Funded via an NHMRC grant (Cancer Council NSW component).	\$0	\$5,788	\$5,788	All cancers
Quantifying intake of food prepared outside home during emerging adulthood. Lyndal Wellard, Kathy Chapman, Clare Hughes, Wendy Watson (Nutrition Unit) in partnership with the University of Sydney (Prof Margret Allman-Farinelli). Funded via an Australian Research Council Linkage Grant (Cancer Council NSW's component).	\$0	\$24,900	\$24,900	All cancers
Applying a logic model to link unhealthy food promotion to childhood obesity. Kathy Chapman, Clare Hughes (Nutrition Unit) in partnership with the University of Wollongong (Dr Bridget Kelly). Funded via an Australian Research Council Linkage Grant (Cancer Council NSW's component).	\$0	\$20,000	\$20,000	All cancers
Healthy Living after Cancer - A Partnership Project between the NSW, WA and SA Cancer Councils and the Cancer Prevention Research Centre, University of Queensland. Liz Hing, Lorna O'Brien, Kathy Chapman (Cancer Support Unit). Funded via an NHMRC Partnership Grant with the University of Queensland (Cancer Council NSW's component).	\$0	\$55,575	\$55,575	Localised cancer types (excluding Myeloma)
An randomised control trial (RCT) of online versus telephone-based information and support: Can electronic platforms deliver care for lung cancer patients. Lorna O'Brien (Cancer Support Unit). Funded via an NHMRC Partnership Grant with the University of Newcastle.	\$0	in kind	\$0	Lung cancer
Cancer Information and Support Webinar Series for the Chinese community. Annie Miller, Jill Mills, Bee Lim (Practical Support Unit). Funded via a Cancer Australia grant.	\$0	\$69,290	\$69,290	All cancers
Internal general infrastructure funding for the operation of the Cancer Research Division - Includes Biobank. Prof Karen Canfell.	\$696,009	\$0	\$696,009	All cancers
Learning how Australians deal with menopausal symptoms (Lady Study) - Dr Louiza Velentzis.	\$19,653	\$0	\$19,653	Breast cancer



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Cancer Council NSW Cervix, Breast and HPV group funding for core research projects and staff. Prof Karen Canfell.	\$572,522	\$0	\$572,522	Cervical cancer
NHMRC IRIISS Funding - Independent Research Institutes Infrastructure Support Scheme 2016.	\$0	\$80,000	\$80,000	All cancers
Testing and treatment for prostate cancer in Australia: Epidemiology and modelling. Prof Dianne O'Connell. Funded via a Prostate Cancer Foundation of Australia Grant.	\$0	\$122,173	\$122,173	Prostate cancer
Effectiveness and cost-effectiveness of systematic screening for Lynch Syndrome in Australia. Prof Karen Canfell. Funded via an NHMRC Project Grant.	\$0	\$155,014	\$155,014	Lynch syndrome
Evaluation of outcomes and cost-effectiveness of implementing next generation human papillomavirus (HPV) vaccination and associated primary HPV-based cervical cancer screening strategies in Australia. Prof Karen Canfell. Funded via an NHMRC Project Grant.	\$0	\$235,949	\$235,949	Cervical cancer
Evaluation of new screening strategies for prevention of cancer. Prof Karen Canfell. Funded via an NHMRC Career Development Fellowship Grant.	\$0	\$75,178	\$75,178	All cancers
NZ consultancy HPV testing modeling. Prof Karen Canfell. Funded via a New Zealand Ministry of Health Grant.	\$0	\$384,337	\$384,337	Cervical cancer
<b>TOTAL RESEARCH FUNDED (continuing program)</b>	<b>\$1,288,184</b>	<b>\$1,735,789</b>	<b>\$3,023,973</b>	
<b>TOTAL INTERNALLY FUNDED RESEARCH PROGRAMS (including new and continuing research grants)</b>	<b>\$3,600,721</b>	<b>\$2,507,426</b>	<b>\$6,108,147</b>	
<b>TOTAL RESEARCH FUNDED CANCER COUNCIL NSW</b>	<b>\$12,431,761</b>	<b>\$2,681,926</b>	<b>\$15,113,686</b>	