Australian Government
Cancer Australia

Priority-driven Collaborative Cancer Research Scheme 2023

Cancer Australia, Australian Lions Childhood Cancer Research Foundation, Bowel Cancer Australia, Can Too Foundation, Cooper Rice-Brading Foundation, Leukaemia Foundation, Lung Foundation Australia, My Room Children's Cancer Charity Limited, National Breast Cancer Foundation, Neuroblastoma Australia, Ovarian Cancer Research Foundation, and The Kids' Cancer Project are pleased to announce successful applicants in the 2023 round of the Priority-driven Collaborative Cancer Research Scheme.

Boyle, Sarah
Centre for Cancer Biology (University of South Australia and SA Pathology)
Tackling breast cancer growth and metastasis by suppressing ROCK-regulated paracrine signalling.
Funded by: Cancer Australia, Can Too Foundation

Byrne, Hilary
University of Sydney
How are you breathing today?
Funded by: Cancer Australia, Lung Foundation Australia

Cole, Alexander
Centenary Institute
Treating chemoresistant ovarian cancer: Blocking follistatin signalling to enhance the effects of chemotherapy and prevent recurrence of chemoresistant disease.
Funded by: Cancer Australia, Ovarian Cancer Research Foundation

D'Andrea, Richard
University of South Australia
Integrating cancer germline genetics, precision medicine and oncology to optimise management of paediatric AML.
Funded by: Cancer Australia, My Room Children's Cancer Charity Limited, The Kids' Cancer Project

Dun, Matt
The University of Newcastle
Taming free radicals to silence the epigenome of kinase active paediatric cancers.
Funded by: Cancer Australia, The Kids' Cancer Project

Hindley, Nicholas
University of Sydney
From relativity to respiration: How ideas from Einstein's general theory enable adaptative radiation therapy for lung cancer patients.
Funded by: Cancer Australia, Lung Foundation Australia

McDonald, Michelle
University of Sydney
The Skeleton: A Reservoir for Metastatic Outgrowth.
Funded by: Cancer Australia

Park, Susanna
University of Sydney
Harnessing metabolic, genetic and protein biomarkers to predict neurotoxicity in taxane-treated cancer patients (NeuroTax): A prospective validation cohort study
Funded by: Cancer Australia

Samuel, Michael
University of South Australia
Insights from the functional tumour secretome: new opportunities to monitor and halt colorectal cancer progression.
Funded by: Bowel Cancer Australia

Sanij, Elaine
St Vincent's Institute of Medical Research
Harnessing the nucleolar stress response in cancer therapy.
Funded by: Cancer Australia

Schumacher, Oliver
Edith Cowan University
Exercise as a novel therapeutic approach for sensitising prostate cancer to radiotherapy.
Funded by: Cancer Australia, Can Too Foundation

Selth, Luke
Flinders University
A novel hormonal therapy to treat lethal prostate cancer.
Funded by: Cancer Australia

Sutherland, Kate
The Walter and Eliza Hall Institute of Medical Research
Exploiting cell-of-origin features to improve treatment for KEAP1-mutant lung cancer.
Funded by: Cancer Australia

Tavakoli Shirazi, Paniz
The Council of the Queensland Institute of Medical Research
Effect of co-occurring mutations on therapy response and resistance.
Funded by: Cancer Australia

Thurgood, Lauren
Flinders University
Non-canonical PI3K targeting - novel therapies to exploit the lipid dependency of CLL.
Funded by: Leukaemia Foundation

Vandyke, Kate
The University of Adelaide
Priming the blood-brain barrier to improve drug delivery and treatment outcomes in diffuse midline glioma.
Funded by: Cancer Australia, Australian Lions Childhood Cancer Research Foundation, The Kids' Cancer Project

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Ziegler, David
University of New South Wales
Unlocking the potential of the blood-brain barrier in the fight against paediatric brain gliomas
Funded by: Cancer Australia