



Priority-driven Collaborative Cancer Research Scheme 2021

Cancer Australia, Can Too, Cure Cancer, Leukaemia Foundation, Lung Foundation Australia, My Room Children's Cancer Charity Ltd, National Breast Cancer Foundation, Pancare Foundation, and The Kids' Cancer Project, are pleased to announce the first group of successful applicants in the 2021 Round of the Priority-driven Collaborative Cancer Research Scheme.

Brosda, Sandra

The University of Queensland

Investigating the spatial and temporal tumour evolution to improve precision medicine in patients with oesophageal adenocarcinoma

Funded by: Cure Cancer

Buchanan, Daniel

Victorian Comprehensive Cancer Centre, University of Melbourne

Linking gut bacteria to the development of early onset colorectal cancer using multi-omic profiling

Funded by: Cancer Australia

Castano-Rodriguez, Natalia

The University of New South Wales

Understanding the crosstalk between autophagy and microbial lactate in stomach cancer

Funded by: Cancer Australia and Pancare Foundation

Colino-Sanguino, Yolanda

Children's Cancer Institute, The University of New South Wales

Modelling epigenetic reprogramming as immunotherapy for metastatic breast cancer

Funded by: Cancer Australia and Can Too

Greer, Peter

University of Newcastle

SEAFARER – Is radiation therapy patient specific quality assurance in Australia effective?

Funded by: Cancer Australia

Guillerey, Camille

Mater Research Institute, The University of Queensland

Utilising cord blood-derived Natural Killer cells to prevent post-transplant relapse in Childhood Leukaemia

Funded by: Cancer Australia, Leukaemia Foundation, My Room Children's Cancer Charity Ltd and The Kids' Cancer Project

Hickey, Theresa

University of Adelaide

Arming androgen receptors to transform endocrine therapy for ER+ breast cancer

Funded by: Cancer Australia

Hiwase, Devendra

Central Adelaide Local Health Network, The University of Adelaide

Identifying synthetic lethal and microenvironmental targets to improve outcome of therapy-related myeloid neoplasms

Funded by: Cancer Australia

Hopper, John

University of Melbourne

Applying artificial intelligence, epidemiological thinking and the perspectives of women and their radiologists to address the problem of dense breasts.

Funded by: Cancer Australia

Janathhani, Panchadsaram

Queensland University of Technology

Alternative splicing of Iroquois Homeobox-4 (IRX4) as a mediator of androgen signalling in aggressive prostate cancer

Funded by: Cancer Australia and Cure Cancer

Keall, Paul

University of Sydney

Dynamic cancer targeting for radiation therapy patients

Funded by: Cancer Australia

Kulasinghe, Arutha

University of Queensland

LUNG PREDICT study

Funded by: Cancer Australia and Can Too Foundation

Macrae, Finlay

Melbourne Health

CaPP3 Australia: A randomised double blind dose non-inferiority trial of aspirin in Lynch syndrome with open label extension.

Funded by: Cancer Australia

McDonnell, Alison

Telethon Kids Institute on behalf of the Centre for Child Health Research, University of Western Australia

Prognostic value of pleural effusion-derived tissue resident memory T cells

Funded by: Cancer Australia

Naeini, Marjan

The Council of the Queensland Institute of Medical Research

Investigating immune clusters in oesophageal cancer

Funded by: Cure Cancer

Nassar, Zeyad

The University of Adelaide

Targeting Fatty Acid Oxidation, a Novel Approach for Prostate Cancer Treatment

Funded by: Cancer Australia and Can Too

Noll, Jacqueline

The University of Adelaide

Investigating mechanisms of relapse in high-risk paediatric acute lymphoblastic leukaemia

Funded by: My Room Children's Cancer Charity Limited

Poh, Ashleigh

Olivia Newton-John Cancer Research Institute, La Trobe University

Targeting the myeloid-specific kinase HCK in non-small cell lung cancer to improve response to therapy

Funded by: Cancer Australia and Lung Foundation Australia

Purton, Louise

St. Vincent's Institute of Medical Research

Targeting HOXA1-expressing stem cells to improve therapies for myelodysplastic syndromes.

Funded by: Cancer Australia

Syed, Shafiq

University of Newcastle

A fatty link between stem cells and endometrial cancer: Understanding the role of Axin2+ stem cells in endometrial regeneration, cancer, and metastasis

Funded by: Cancer Australia and Cure Cancer

Thijssen, Rachel

The Walter and Eliza Hall Institute of Medical Research

Elucidating leukaemia cell plasticity in resistance to targeted therapy

Funded by: Leukaemia Foundation

Tjin, Gavin

St Vincent's Institute of Medical Research

Identification of megakaryocyte and platelet bone marrow niches

Funded by: My Room Children's Cancer Charity Ltd and The Kids' Cancer Project

Trau, Matt

University of Queensland

nanolMPAC: Monitoring immune toxicities and tumour immune evasion in lung cancer

Funded by: Cancer Australia

Vandyke, Kate

University of Adelaide

An age-old problem: the role of senescent bone marrow stromal cells in MGUS to multiple myeloma progression

Funded by: Cancer Australia and Leukaemia Foundation