

2018 International Cognition and Cancer Task Force Conference Program

April 9th -11th, 2018. Sydney, Australia



MONDAY, APRIL 9th

- 08.00 – 09.00 Conference Registration
- 09.00 – 09.10 Introduction and Welcome: Dr Janette Vardy
- 09.10 – 10.10 Highlights and future directions in cognition and cancer (15 mins each)
Chair: Dr Sanne Schagen
Neuropsychology: Dr Janette Vardy, The University of Sydney
Preclinical models: Dr Hélène Castel, Normandie University
Neuroimaging: Dr Daniel Silverman, University of California
Rehabilitation: Dr Haryana Dhillon, The University of Sydney
- 10.10 – 10.30 REFRESHMENT BREAK
- 10.30 – 11.30 Chair: Dr Tim Ahles
Plenary presentation: Dr Paul Maruff, University of Melbourne
The use of new technologies to assess cognition in oncology: opportunities and challenges
- 11.30 – 12.30 Oral presentations (Chair: Dr Kevin Krull)
11.30 – 11.50
Dr Shelli Kesler, University of Texas MD Anderson Cancer Center
Accelerated brain aging in patients with breast cancer post chemotherapy
11.50 – 12.10
Dr Tim Ahles, Memorial Sloan Kettering Cancer Center
Association of frailty and cognitive function in older breast cancer survivors
12.10 – 12.30
Dr Kathleen Van Dyk, UCLA Jonsson Comprehensive Cancer Center
The effect of endocrine therapy (ET) on neuropsychological functioning in breast cancer survivors (BCS) over time
- 12.30 – 14.00 LUNCH & POSTER SESSION
- 14.00 – 15.00 Chair: Dr Janette Vardy
Plenary presentation: Dr Florence Joly, Centre Francois Baclesse
Immunotherapy agents and cognition
- 15.00 – 15.40 Oral presentations (Chair: Dr Andrew Saykin)
15.00 – 15.20
Ms Danielle Tometich, Indiana University-Purdue University Indianapolis
Sleep disturbances and cognitive decline in older cancer patients: interaction with APOE e4 and BDNF genotype
15.20 – 15.40
Dr Lisa Wu, Northwestern University Feinberg School of Medicine
Systematic light exposure and cognition in hematopoietic cell transplant survivors: A pilot study
- 15.40 – 16.00 REFRESHMENT BREAK
- 16.00 – 17.00 Oral presentations (Chair: Dr Andrew Saykin)
16.00 – 16.20
Dr Ashley Henneghan, University of Texas MD Anderson Cancer Center
Predicting chemotherapy-related brain injury using connectomics and machine learning
16.20 – 16.40
Dr Michiel de Ruiter, Netherlands Cancer Institute
Changes in the executive functioning network in breast cancer patients: preliminary results from a prospective fMRI study with 6 month and 3 year follow up

16.40 – 17.00

Dr Kimberly van der Willik, Netherlands Cancer Institute

High levels of inflammatory markers in breast cancer survivors 20 years after cessation of chemotherapy are associated with impaired cognitive performance

18.30 – 22.30 Conference dinner (optional event)

TUESDAY, APRIL 10th

09.00 – 10.00 Chair: Dr Haryana Dhillon

Plenary presentation: Dr Adam Walker, Monash University

The influence of cancer on cognition in preclinical models

10.00 – 10.20 REFRESHMENT BREAK

10.20 - 12.00 Oral presentations (Chair: Dr Linda Ercoli)

10.20 – 10.40

Ms Antigone Matsos, The University of Sydney

Nicotinamide mononucleotide prevents and reverses doxorubicin and oxaliplatin-induced fatigue and memory impairments in the laboratory rodent.

10.40 – 11.00

Dr Jorg Dietrich, Massachusetts General Hospital

Bone marrow is critical for brain repair after radiation injury

11.00 – 11.20

Dr Ian Johnston, The University of Sydney

Cannabidiol as an effective treatment against oxaliplatin-induced memory impairments and peripheral neuropathies

11.20 – 11.40

Dr Denise Correa, Memorial Sloan Kettering Cancer Center

Cognitive functions and dopaminergic polymorphisms in brain tumor patients

11.40 – 12.00

Dr Sabine Deprez, University Hospitals Leuven, KU Leuven

Impact of a mindfulness-based intervention on chemotherapy-induced cognitive dysfunction and brain alterations: A pilot study

12.00 – 13.00 LUNCH

13.00 – 14.00 Chair: Dr Jeff Wefel

Plenary presentation: Dr Donald Mabbott, The Hospital for Sick Children

Cognitive and neuroimaging outcomes in cognitive/brain rehabilitation approaches

14.00 – 15.00 Oral presentations (Chair: Dr Michelle Janelins)

14.00 – 14.20

Dr Ingrid Tønning Olsson, St. Jude Children's Research Hospital

Neurocognitive and neuroimaging outcomes of anesthesia exposure in long-term survivors of childhood acute lymphoblastic leukemia

14.20 – 14.40

Dr Nicholas Phillips, St. Jude Children's Research Hospital

Cerebellar volumes and neurocognitive outcomes in survivors of childhood acute lymphoblastic leukemia (ALL) treated with chemotherapy alone

14.40 – 15.00

Dr Tara Brinkman, St. Jude Children's Research Hospital

Genome-wide association study of attention problems and executive dysfunction in adult survivors of childhood leukemia

15.00 – 15.20 Round-up and presentations: Dr Janette Vardy

15.20 – 17.00 POSTER SESSION WITH WINE AND CHEESE RECEPTION

WEDNESDAY, APRIL 11th

08.00 – 11.00 Concurrent workshops: Imaging and Preclinical
(Being held at the University of Sydney)

13.00 – 16.00 'Meet the Experts' networking lunch cruise (optional event)