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 Janelsins)

14.00 – 14.20
Dr Ingrid Tonning 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)