

ICCTF Cognition and Cancer Conference Program. Hyatt Regency Denver at Colorado Convention Center **Monday February 3RD, 2020**

08.00 – 09.00 **CONFERENCE REGISTRATION**

09.00 – 09.10 Introduction and Welcome

09.10 – 10.10 **Plenary.** Biology of aging. Inflammation and cellular senescence
Judy Campisi, PhD, The Buck University, California

10.10- 10.30 **REFRESHMENT BREAK**

10.30 - 11.30 **Plenary.** The complex world of cognitive change: Concepts, methods, and future directions
Kevin Duff, PhD, University of Utah, Utah

Oral presentations

10.30 - 11.50 *Jeanne Mandelblatt*
Longitudinal cancer-related cognitive decline and Frailty in older breast cancer survivors: the Thinking and Living with Cancer (TLC) Study.
Donald Mabbott

11.50 - 12.10 Longitudinal comparison of intellectual outcome following proton versus photon cranial-spinal radiation in pediatric medulloblastoma patients
Franziska Stahl

12.10 - 12.30 Structural and cognitive changes following proton radiation therapy in low-grade glioma patients: preliminary results from a prospective clinical trial

12.30 - 14.00 **LUNCH**

14.00 - 15.00 **Plenary.** Cognitive Rehabilitation
Roy Kessels, PhD, Radboud University, the Netherlands

Oral presentations

15.00 – 15.20 *Monique Cherrier*
Workshop format cognitive training and education in cancer survivors. Impact on general measures, objective tests and individually specific symptoms
Alexandra Gaynor

15.20 – 15.40 Transcranial direct current stimulation improves sustained attention in breast cancer survivors

15.40 – 16.00 **REFRESHMENT BREAK**

Oral presentations

16.00 – 16.20 *Munjal Acharya*
Attenuation of neuroinflammation mitigates chemotherapy-related cognitive impairments
Ian Johnston

16.20 – 16.40 The sirtuin system, NAD metabolism and cognitive impairments caused by oxaliplatin or doxorubicin treatment in rats
Zhenglin Zhang

16.40 – 17.00 Entorhinal cortex dysfunction in cancer patients: a pilot study using a virtual reality navigation task

ICCTF dinner and Networking Event at the Great Divide Brewery

18.30 – 22.30 Generously supported by the Department of Neurosurgery at the University of Colorado School of Medicine

ICCTF Cognition and Cancer Conference Program. Hyatt Regency Denver at Colorado Convention Center **Tuesday February 4th, 2020**

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| 09.00 - 10.00 | Plenary. Brain imaging and memory <i>Lars Nyberg</i> , PhD, Umeå University, Sweden |
| 10.00 - 10.20 | REFRESHMENT BREAK |
| 10.20 - 10.40 | Oral presentations <i>Kimberly van der Willik</i> Cognitive function and brain magnetic resonance imaging prior to non-central nervous system cancer diagnosis: a population-based study |
| 10.40 - 11.00 | <i>Michiel de Ruiter</i> Accelerated brain aging after chemotherapy for breast cancer? |
| 11.00 - 11.20 | <i>Biniam Melese</i> Changes in resting-state functional brain networks of breast cancer patients treated with chemotherapy and their correlation with fatigue |
| 11.20 - 11.40 | <i>Ali Amidi</i> Long-term neurocognitive effects of radiation therapy for sinonasal carcinoma and associations between incidental brain irradiation doses and cognitive functioning |
| 11.40 - 12.00 | <i>Yuelin Li</i> Bayesian hierarchical variance components modeling goes beyond conventional methods in elucidating greater intraindividual variabilities in vigilance and sustained attention in breast cancer survivors |
| 12.00 - 13.00 | LUNCH |
| 13.00 - 14.00 | Plenary. Social regulation of gene expression in cancer: implications for cognitive function <i>Steve Cole</i> , PhD, University of California, Los Angeles |
| 14.00 - 14.20 | Oral presentations <i>AnnaLynn Williams</i> Associations between persistent inflammation and oxidative stress with neurocognitive impairment in long-term Hodgkin Lymphoma survivors and community controls |
| 14.20 - 14.40 | <i>Kelly Nudelman</i> Genetic variants associated with longitudinal cognitive performance in the multicenter Thinking and Living with Cancer cohort of older breast cancer patients and controls |
| 14.40 - 15.00 | <i>Amrita Cheema</i> Small molecule predictors of cognitive impairment in older breast cancer survivors: findings from the Thinking and Living with Cancer Study |
| 15.00 - 15.20 | Round-up |
| 15.30 - 17.30 | POSTER SESSION AND RECEPTION |

ICCTF Cognition and Cancer Conference Program. Hyatt Regency Denver at Colorado Convention Center **Wednesday February 5th, 2020**

09.00 - 11.00 Career development session for PhD students organized by PhD students