VASCULAR NEURODEGENERATION SYMPOSIUM PROGRAM

Thursday March 2\textsuperscript{nd} 2017, 10:30 - 5:45

10:30 – 10:45
REGISTRATION, WELCOME AND INTRODUCTION
Associate Professor Amy Brodtmann

10:45 - 1:00
Session 1
Chair: Dr Katherine Jackman

MEASURING VASCULAR COGNITIVE IMPAIRMENT: ANIMAL AND HUMAN MODELS

10:45 - 11:15
Dr Jess Nithianantharajah
Animal models of cognition – choosing the right test for assessing cognitive impact of stroke in rodents

11:15 – 11:45
Dr Andrew Clarkson
Prefrontal cortex stroke induces delayed impairment in memory: finding the underlying cause

11:45 -12:00
Dr Toby Cumming
One big grey area: Assessing cognitive impairment in people after stroke

12:00-12:15
Dr Emilio Werden
Cognitive changes in the first year after stroke: results from the CANVAS study

12:15 – 12:45
Professor Perminder Sachdev
The cognitive profile and role of hypertension, diabetes and other vascular risk factors in post-stroke cognitive function: The STROKOG (Stroke and Cognition) Consortium

12:45 – 1:00 Discussion
1:00 – 1:30
LUNCH BREAK

1:30 – 3:15
Session 2

Chair: Dr Toby Cumming

IMAGING VASCULAR NEURODEGENERATION: ANIMAL AND HUMAN MODELS

1:30 - 1:45
Associate Professor Amy Brodtmann
Imaging neurodegeneration overview: challenges & introduction to methods

1:45 – 2:00
Dr Lachlan Thompson
Progressive and remote neurodegeneration after focal cortical ischemia in rodents

2:00 – 2:15
Dr Vanessa Brait
Imaging neurodegeneration after stroke in mice

2:15 – 2:30
Dr Nawaf Yassi
Imaging microinfarcts in cohorts

2:30 – 2:45
Remika Mito
White matter imaging characteristics in dementia populations

2:45 – 3:00
Dr Natalia Egorova
Post-stroke brain changes at the network level

3:00 – 3:15
Discussion
3:15 – 3:40
AFTERNOON TEA BREAK

3:40 – 5:00
Session 3

Chair: Associate Professor Amy Brodtmann

PATHOLOGICAL PROTEIN DEPOSITION POST STROKE

3:40 – 4:10
Professor Lars Ittner
The role of tau in Alzheimer’s disease and stroke

4:10 – 4:20
Associate Professor Rohan Walker
Modifying the trajectory of post-stroke secondary neurodegeneration

4:20 – 4:40
Dr Ramesh Sahathevan
Longitudinal 11C-PiB-PET amyloid imaging following acute ischemic stroke

4:40 – 5:00
Discussion

5:00 – 5:45
KEYNOTE LECTURE

VASCULAR DEMENTIA

Introduction by Associate Professor Amy Brodtmann

VLADIMIR HACHINSKI

“Preventing stroke and dementia together: Epidemiological, clinical and scientific basis”

Question time

5:45
SYMPOSIUM CLOSE