



***XIII Annual Meeting of the
International College of Geriatric Psychoneuropharmacology
October 30 – Nov 2, 2013
Pittsburgh, Pennsylvania USA***

***Wednesday, October 30
Junior Investigator Training Day***

- 12:00 - 12:10 Welcome-ICGP Awards Committee co-chairs Sebastian Köhler and Brent Forester*
12:10 - 12:20 Welcome-ICGP President - Perminder Sachdev
12:20 - 1:35 Lunch
1:35 - 3:20 Jr. Investigator Awardees Presentations
3:20 - 3:40 Break
3:40 - 4:25 Career Development: Publication Strategies-John O'Brien
4:25 - 5:10 Career Development: Grant Writing Strategies-Charles F. Reynolds III
5:10 - 5:30 Break
5:30 - 6:00 Scientific Autobiography I -Mary Ganguli
6:00 - 6:30 Scientific Autobiography II-William Klunk
6:30 Closing- ICGP Awards Committee co-chairs Sebastian Köhler and Brent Forester
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Thursday, October 31

8:30-10:00

President's Plenary

“The Exceptionally Old: Lessons for Healthy Ageing”

-Perminder Sachdev AM, MD, PhD, FRANZCP
ICGP President
Scientia Professor of Neuropsychiatry
CHeBA (Centre for Healthy Brain Ageing)



UNSW Medicine, School of Psychiatry,
University of New South Wales &
Clinical Director, Neuropsychiatric Institute
AUSTRALIA

Speaker 1: Perminder Sachdev, University of New South Wales, Australia
Why study centenarians? Findings from the centenarian studies internationally.

Speaker 2: Ingmar Skoog, Gothenburg University, Mölndal, Sweden
Cognitive decline and dementia in the 10th and 11th decades of life.

Speaker 3: Paola Sebastiani, Boston University, Boston, MA, USA
The genetics of exceptional longevity.

10:00-10:30

Break

10:30-12:30

Parallel Symposia I

Symposium 1: : Mapping the Mood: Brain networks in late-life depression and anxiety

Chair: Howard Aizenstein, University of Pittsburgh, Pittsburgh, PA USA

Co-Chair: Hyun Kook Lim, Catholic University of Korea & University of Pittsburgh,
Pittsburgh, PA USA

Presenter 1: Olusola Ajilore, University of Illinois, Chicago, IL USA

The role of network theory in aging and depression using both structural and functional MRI

Presenter 2: Hyun Kook Lim, Catholic University of Korea & University of Pittsburgh, Pittsburgh, PA USA *Network Analyses of cortical thickness measures in late-life depression*

Presenter 3: Carmen Andreescu, University of Pittsburgh, Pittsburgh, PA USA
Structural and functional networks in relation to worry across the life-span

Presenter 4: Lihong Wang, Tsinghua University, Beijing, China
Use of resting state functional MRI networks in predicting progressive cognitive decline in MDD

Discussant: Howard Aizenstein, University of Pittsburgh, Pittsburgh, PA USA

Symposium 2: Psychotic Alzheimer's Disease: A Distinct Neurodegenerative Entity?

Chair: Jeremy Koppel, Johns Hopkins University, Baltimore, MD USA

Presenter 1: Jeremy Koppel, Johns Hopkins University, Baltimore, MD USA
Cognitive and imaging correlates of Alzheimer's Disease with Psychosis: Findings from the Alzheimer's Disease Neuroimaging Initiative

Presenter 2: Robert Sweet, University of Pittsburgh, Pittsburgh, PA USA
Genetic Discovery in Alzheimer Disease with Psychosis.

Presenter 3: Caitlin Kirkwood, Graduate Student, University of Pittsburgh, Pittsburgh, PA USA
Neuropathologic Alterations Associated with Psychosis in AD- Leads to Mechanisms

Presenter 4: Alena Savonenko, Johns Hopkins University, Baltimore, MD USA
Alzheimer Disease Mouse Models: Potential Relevance to Neuropsychiatric Symptoms

12:30-1:45

Lunch

1:45-3:45

Parallel Symposia II

Symposium 1: New Directions for Amyloid Imaging in Neurodegenerative Disease

Chair: Gwenn S. Smith, Johns Hopkins University, Baltimore, MD USA

Co-Chair: Benjamin Handen, University of Pittsburgh, Pittsburgh, PA USA

Presenter 1: Chester A. Mathis, University of Pittsburgh, Pittsburgh, PA USA
Recent advances in radiochemistry for imaging neuropathology in Alzheimer's Disease

Presenter 2: Benjamin Handen, University of Pittsburgh, Pittsburgh, PA USA
Amyloid imaging studies in adults with down syndrome

Presenter 3: Nicolaas Bohnen, University of Michigan, Ann Arbor, MI USA
Amyloidopathy and multisystem neurodegeneration in Parkinson disease: Clinical correlates

Presenter 4: Gwenn S. Smith, Johns Hopkins University, Baltimore, MD USA
Molecular imaging of monoamine degeneration associated with amyloid deposition in late life depression and mild cognitive impairment

Discussant: John O'Brien, University of Cambridge, Cambridge, UK

Symposium 2: Vascular Depression- Where are we now?

Chair: Alan Thomas, Newcastle University, Newcastle upon Tyne, UK

Co-Chair: Joel Sneed, University of New York, New York, NY USA

Presenter 1: Alan Thomas, Newcastle University, Newcastle upon Tyne, UK
Vascular Depression: Refining the concept

Presenter 2: Akshya Vasudev, Western University, London, ON, Canada
Autonomic dysfunction and late-life depression

Presenter 3: Joel Sneed, City University of New York, New York, NY USA
Vascular depression in black and white

Presenter 4: George Alexopoulos, Cornell University, White Plains, NY USA
Cognitive Control Network Function in Late-Life Depression

Discussant: George Alexopoulos, Cornell University, White Plains, NY USA

3:45-4:45

Awards Ceremony

Senior Investigator Award and Lecture

Jr. Investigator Award Presentation

5:00-7:00

Poster Session and Reception

Friday, November 1

8:15-9:45

Symposium: ICGP Junior Investigator's Panel - New research on Alzheimer's disease, schizophrenia and depression

Chair: Simone Reppermund, University of New South Wales-Randwick , Sydney, Australia

Co-Chair: Nady Braidy, University of New South Wales, Sydney, Australia

Presenter 1: Nady Braidy, University of New South Wales, Sydney, Australia

Experimental models for Alzheimer's disease: What have we learned?

Presenter 2: Tarek Rajji, University of Toronto, ON, Canada

Assessing Neuroplasticity in the Dorsolateral Prefrontal Cortex in Schizophrenia

Presenter 3: Olu Ajilore, University of Illinois at Chicago, Chicago, IL USA

Structural and Functional Brain Connectivity in Late-Life Depression

Discussant 1: Perminder Sachdev, University of New South Wales, Neuropsychiatric Institute, Randwick, NSW Australia

Discussant 2: John O'Brien, University of Cambridge, Cambridge, UK

Possible future career pathways/opportunities for young researchers in the area of geriatric psychoneuropharmacology

9:45-10:00

Break

10:00-12:30

Symposium: Risk Factors for Cognitive Decline in Older Adults: a Population Perspective

Chair: Mary Ganguli, University of Pittsburgh, Pittsburgh, PA USA

Co-Chair: Hugh Hendrie, Indiana University, Indianapolis, IN USA

Presenter 1: Hugh Hendrie, Indiana University, Indianapolis, IN USA

Hypertension: Cognitive Decline and Optimal Cognitive Performance. An International Perspective

Presenter 2: David Bennett, Rush Alzheimer Disease Center, Chicago, IL USA

Biologic Indices Linking Risk Factors to Cognitive Decline

Presenter 3: Constantine Lyketsos, Johns Hopkins University, Baltimore, MD USA
Modifiable Factors Affecting Dementia Progression

Presenter 4: Rosebud Roberts, Mayo Clinic, Rochester, MN USA
Impact of Lifestyle and Modifiable Risk factors on Alzheimer's disease Biomarkers in a Non-demented Cohort.

Presenter 5: Ingmar Skoog, Gothenburg University, Mölndal, Sweden
The Changing Profile of Old Age and its Relevance for Dementia and Mild Cognitive Impairment

Presenter 6: Mary Ganguli, University of Pittsburgh, Pittsburgh, PA USA
Vascular and Inflammatory Predictors of Cognitive Decline

Discussant: Perminder Sachdev, University of New South Wales, Neuropsychiatric Institute, Randwick, NSW Australia

12:30-1:30

Lunch

1:30-1:45

ICGP Business Meeting

1:45-3:45

Parallel Symposia I

Symposium 1: Geriatric Bipolar Disorder: Advances in Treatment, Conceptualization, and Research Methodology

Chair: Ariel Gildengers, University of Pittsburgh, Pittsburgh, PA USA

Co-Chair: Robert C. Young, Weill Medical College, Cornell University, White Plains, NY USA

Presenter 1: Tarek Rajji, University of Toronto, ON, Canada

The Role of Mitochondrial Dysfunction and Oxidative Stress in Older Adults with Bipolar Disorder

Presenter 2: Brent Forester, Harvard Medical School, Belmont, MA USA

Novel Agents for Treatment of Geriatric Bipolar Disorder

Presenter 3: Martha Sajatovic, Case-Western Reserve University, Cleveland, OH USA

The Impact of Medical Comorbidity on Treatment Outcome and Everyday Function in Older Adults with Bipolar Disorder

Presenter 4: John L. Beyer, Duke University, Durham, NC USA
Acute Pharmacotherapy of Late-Life Mania (GERI-BD) – Main Findings and Secondary Analyses

Discussant: Laszlo Gyulai, University of Pennsylvania, Philadelphia, PA USA
The discussion period will summarize and integrate the findings presented and place them in context with recent advances in BD. Directions for future research will be discussed.

Symposium 2: Neuropsychiatric symptoms in neurodegenerative diseases including Mild Cognitive Impairment, dementia and Parkinson’s Disease: Where are we now and what are the future prospects?

Chair: Pauline Aalten, Maastricht University , NL

Co-Chair: Jeannie-Marie Leoutsakos, Johns Hopkins University, Baltimore, MD USA

Presenter 1: Pauline Aalten, Maastricht University , NL

Neuropsychiatric Symptoms in the Dutch Pearl Neurodegenerative diseases

Presenter 2: Inez Remakers, Maastricht University, NL

Neuropsychiatric Symptoms in Mild Cognitive Impairment in the European DESCRIPA study

Presenter 3: Jeannie-Marie Leoutsakos, Johns Hopkins University, Baltimore, MD USA

Neuropsychiatric Symptoms in dementia in the Cache County Study and the Dementia Progression Study

Presenter 4: Greg Pontone, Johns Hopkins University, Baltimore, MD USA

NPS in Parkinson’s disease

Discussant: Robert Sweet, University of Pittsburgh, Pittsburgh, PA USA

3:45-4:00

Break

4:00-6:00

Parallel Symposia II

Symposium 1: Advancing treatment options for late-life psychiatric syndromes: Novel molecules, target engagement, and the tools of modern clinical neuroscience

Chair: Jordan F. Karp, University of Pittsburgh, Pittsburgh, PA USA

Co-Chair: Daniel Blumberger, Centre for Addictions & Mental Health, Toronto, Canada

Presenter 1: Jordan F. Karp, University of Pittsburgh, Pittsburgh, PA USA

It's All Greek to Me: Understanding the Role of Kappa and Mu Opiate Receptors in Late-Life Depression and Novel Molecular Approaches to Its Treatment.

Presenter 2: Eric J. Lenze, Washington University, St. Louis, MO USA

Rescuing Cognitive Dysfunction in Late-Life Anxiety Disorders using mifepristone: A novel treatment development application of the glucocorticoid excess theory of stress and aging.

Presenter 3: Daniel Blumberger, Centre for Addictions & Mental Health, Toronto, Canada

TMS Neurophysiology in Late-Life Depression: Preliminary Findings and Future Directions

Discussant: David Steffens, University of Connecticut, Storrs, CT USA

Symposium 2: Depression and Cognitive Decline in Later Life: New findings and future prospects

Chair: Sebastian Köhler, Maastricht University, Maastricht, NL

Co-Chair: Hannie Comijs, Vrije Universiteit Amsterdam, NL

Presenter 1: Hannie Comijs, Vrije Universiteit Amsterdam, NL

Depression, HPA-axis and Cognitive Decline in Older Adults

Presenter 2: Guy Potter, Duke University, Durham, NC, USA

MRI, White Matter Pathology and Cognitive Function in Late-Life Depression and Normal Aging

Presenter 3: Sebastian Köhler, Maastricht University, Maastricht, NL

Depression and risk for dementia in a primary care setting

Presenter 4: Breno Satler Diniz, Federal University of Minas Gerais, Horizonte, Brazil

Depression and the risk of Alzheimer's disease and vascular dementia

Discussant: John O'Brien, University of Cambridge, Cambridge, UK

Depression and Cognition: What are the potential links?

Saturday, November 2

8:15-10:15

Symposium: Biological aging of the brain in health and psychiatric disorders

Chair: Etienne Sibille, University of Pittsburgh, Pittsburgh, PA USA

Co-Chair: Ruth O'Hara, Stanford University, Stanford, CA USA

Presenter 1: Etienne Sibille, University of Pittsburgh, Pittsburgh, PA USA

Age-by-disease interactions in the human brain: evidence in depression, model and genetic modulation.

Presenter 2: Ruth O'Hara, Stanford University, Stanford, CA USA

Age-by-disease Interactions in the human brain: Evidence from Sleep Apnea and Insulin resistance.

Presenter 3: Kirk Erikson, University of Pittsburgh, Pittsburgh, PA USA

Age-by-disease Interactions in the Human Brain: Aging, exercise, and brain plasticity.

Presenter 4: Caterina Rosano, University of Pittsburgh, Pittsburgh, PA USA

Age-by-disease Interactions in the Human Brain: Resilience to brain aging

Discussant: Ingmar Skoog, Gothenburg University, Mölndal,, Sweden

10:15-10:30

Break

10:30-12:30

Parallel Symposia

Symposium 1: How can neurobiology inform prognosis and therapeutics for late-life mood and anxiety disorders?

Chair: Francis Lotrich, University of Pittsburgh, Pittsburgh, PA USA

Co-Chair: Breno Satler Diniz, Federal University of Minas Gerais, Horizonte, Brazil

Presenter 1: Eric J. Lenze, Washington University, St. Louis, MO USA

Pharmacogenetics of geriatric mood and anxiety disorders: time to focus on risk reduction

Presenter 2: Breno Satler Diniz, Federal University of Minas Gerais, Horizonte, Brazil

Late-life depression, brain-derived neurotrophic factor, and cognitive decline: evidence for accelerated brain aging?

Presenter 3: Ariel Gildengers, University of Pittsburgh, Pittsburgh, PA USA
Late-life Bipolar Disorder and Neuroprogression

Discussant: Etienne Sibille, University of Pittsburgh, Pittsburgh, PA USA

Symposium 2: Decision Processes and Suicidal Behavior in Old Age
Chair: Katalin Szanto, University of Pittsburgh, Pittsburgh, PA USA
Co-Chair: Fabrice Jollant, McGill University, Montreal, Quebec, Canada

Presenter 1: Fabrice Jollant, McGill University, Montreal, Quebec, Canada
Disadvantageous decision-making in suicidal behavior: Understanding now, preventing tomorrow?

Presenter 2: Katalin Szanto, University of Pittsburgh, Pittsburgh, PA USA
Pathways to suicidal behavior in late-life. Cognitive control deficits and social decision-making

Presenter 3: Polina Vanyukov, University of Pittsburgh, Pittsburgh, PA USA
New approaches to studying decision making in suicidal behavior

Presenter 4: Alexandre Y. Dombrovski, University of Pittsburgh, Pittsburgh, PA USA
Re-defining impulsivity in late-life suicidal behavior: studies of decision processes

Discussant: Katalin Szanto and Fabrice Jollant

12:30

Adjournment
