

St. Vincent's Aged Psychiatry Service (SVAPS) integrates comprehensive, seamless, multidisciplinary service delivery with research, education and knowledge transfer in Psychiatry of Old Age.

About us

The Academic Unit for Psychiatry of Old Age (AUPOA), the University of Melbourne, is an integral part of SVAPS. Prof Nicola Lautenschlager is Head of the AUPOA and SVAPS Director. AUPOA provides clinical leadership, ongoing training and support to SVAPS, focusing on reducing stigma and discrimination towards neurodegenerative disorders, knowledge transfer and service to the community. We conduct national and international research in dementia and Huntington's disease (HD).

As a recognised leader in research and innovation in Psychiatry of Old Age the Academic Unit conducts ongoing upskilling programs in Psychiatry of Old Age for GPs, health professionals and other service providers, as well as training programs for Asia Pacific region health professionals as part of an Asia-Australia Mental Health consortium.

The Academic Unit operates the Normanby Unit SVAPS clinics including the Speech and Communication Clinic, Memory and Related Disorders Clinic (MRDC), HD clinic and Psychotherapy Clinic. The clinics provide support to patients, carers, families and shared care with GPs, Huntington's Victoria and other health service providers. Through the SVAPS Research Clinic the unit conducts national and international clinical research projects, which provide St. Vincent's patients with access to new evidence-based treatments and participation in national and international research studies. Study participants receive support, close monitoring and follow up.

Over the years significant impact has been made on service delivery improvement to the elderly with mental disorders and for those with HD.

Projects in progress or completed

Prospective National Dementia Research

- Australian Imaging Biomarkers and Lifestyle Study of Ageing (AIBL) is a CSIRO flagship study of ageing. This \$10 million, three-year study is the largest of its kind ever conducted in Australia. AIBL aims to improve understanding of pathogenesis and diagnosis of Alzheimer's disease (AD) and examine lifestyle and diet factors in order to delay and prevent AD. This study is in collaboration with NARI, MHRI, NSA, Edith Cowan

University and University of Western Australia.

- Prospective Research In Memory Clinics (PRIME): Research into personal, emotional, financial and healthcare impact of memory disorders on patients, carers and society.
- Dementia Collaborative Research Centre Node 2 (DCRC #2): DCRCs have been established by the Department of Health and Ageing as part of the Australian Government's Dementia Initiative to undertake dementia research and assist in translation of research into practice. DCRC #2 is focusing on prevention, early intervention and risk reduction.

International Prospective HD Research Projects:

Neurobiological Predictors of Huntington's disease (PREDICT-HD). Out of 30 centres worldwide, St. Vincent's is the second leading recruiting centre with participants from Victoria, South Australia, Northern Territory, Queensland, Australian Capital Territory and Tasmania.

- Cooperative Huntington's Disease Observational Research Trial (COHORT).
- An examination of responses to potential discrimination from individuals at risk from HD (RESPOND-HD).

In 2008 we introduced a new focus within our research, examining potential and actual discrimination against members of the community with neurodegenerative disorders.

Research applications in the clinical setting

The introduction of the Dementia Behaviour Management Advisory Service (DBMAS) provided dementia sufferers, their family and carers with ongoing support, education and advice.

Eligible Alzheimer's disease patients are offered the opportunity to participate in trials of disease modifying medications which may slow or stop disease progression by targeting the amyloid plaque formation in Alzheimer's disease.

Research outcomes in relation to patient care

- A significant impact on training, education and research in the area of mental disorders in late life, which resulted in significant improvement of service delivery to the elderly with mental disorders in the St. Vincent's Aged Psychiatry Service (SVAPS) catchment area, interstate and SE Asia.
- Evidence-based access of SVAPS patients to new medications.
- Understanding of cognitive, neuro-imaging and behavioural changes in Huntington's disease.
- Increased confidence and competence of GPs, metropolitan and rural health professionals

in Psychiatry of Old Age and Huntington's disease.

- Improved provision of SVAPS service delivery to the elderly with mental disorders, ranging from community care through to residential care in the continuum of care.
- Improved understanding and management of Alzheimer's disease and Huntington's disease.
- SVAPS partnership and collaboration with other clients' services and agencies.
- Improvement in the quality of life of SVAPS patients and their families/carers.
- NHMRC funding to conduct study on the impact of physical activity on Alzheimer's disease received by Prof Lautenschlager in partnership with NARI and the Universities of Western Australia and Queensland.

The team

Prof Nicola T Lautenschlager, Prof and Chair of Psychiatry of Old Age and Director, St. Vincent's Aged Psychiatry Service; Prof David J Ames, Sessional Consultant Psychiatrist; Robyn Attoe, Clinical Nurse Educator/Consultant; Amanda Carter, Occupational Therapist; Prof Edmond Chiu, Honorary Consultant Psychiatrist; Kathryn Anne Ellis, Research Fellow; Dr Anita Goh, Research Assistant; Kirsten James, DBMAS Behaviour Consultant; Rosemary Clare Kelleher, Social Worker and Honorary Fellow, the University of Melbourne; Dr Rachell Kingsbury, DBMAS/RSP Manager;

Bernadette Manna, Research Assistant; Maree Mastwyk, Research Assistant; Shiela Noveloso, DBMAS Behaviour Consultant; Liz Ronsisvalle, Research Assistant; Karen Thode, DBMAS Behaviour Consultant; Alissa Westphal, Senior Behaviour Consultant; Assoc Prof Olga Yastrubetskaya, Manager, Research and Clinics

Highlights

In 2008 we developed a productive collaboration with the National Ageing Research Institute (NARI) which resulted in an active research partnership to achieve better understanding and management of neurodegenerative diseases.

Grants

Ames DJ, Chiu E, Lautenschlager N, Yastrubetskaya O, Ronsisvalle E, Mastwyk M, Manna B

Effect of γ -secretase inhibition on the progression of Alzheimer's disease: LY450139 versus placebo. Eli Lilly, (2008-2011), \$400,000

Ames DJ, Chiu E, Lautenschlager N, Yastrubetskaya O, Ronsisvalle E, Manna B, Mastwyk M, Goh A

A 54-week, double-blind, randomised, placebo-controlled, parallel-group study to investigate the effects of rosiglitazone (extended release tablets) as adjunctive therapy to acetylcholinesterase inhibitors on cognition and overall clinical response in APOE to acetylcholinesterase inhibitors on cognition and overall clinical

response to APOE-4 stratified subjects with mild to moderate Alzheimer's disease (REFLECT-3). GlaxoSmithKline, (2007-2009), \$130,000

A 52-week open-label extension study of the long-term safety and efficacy of rosiglitazone extended release (AVA 102675, RSG=-XR) as adjunctive therapy to acetylcholinesterase inhibitors in subjects with mild to moderate Alzheimer's disease (REFLECT-3and4). GlaxoSmithKline, (2008), \$77,000

Ames DJ, Chiu E, Yastrubetskaya O
Efficacy of agomelatine (25 to 50mg/day) given orally on quality of remission in elderly depressed patients after a 12-week treatment period. A randomised, double-blind, flexible-dose international multi-centre study with parallel groups versus paroxetine (20 to 30mg/day). Twelve-week treatment plus optional continuation for 12 weeks (CL3-20098-048). Servier, (2007-2008), \$37,127

Ames DJ, Chiu E, Yastrubetskaya O, Churchyard A, Mannaa B
COHORT – Cooperative Huntington's Research Trial. CHDI Inc and HP Therapeutics Inc, USA; Huntington's Study Group, USA; University of Rochester, USA, (2008), USD\$75,550

Ames DJ, Chiu E, Yastrubetskaya O, Goh A, Mannaa B

A randomised, double-blind, placebo-controlled evaluation of the efficacy of memantine on functional communication in patients with Alzheimer's disease (Study Protocol MEM-MD-71). Forest Research Institute; Quintiles, (2008), \$50,817

Ames DJ, Chiu E, Yastrubetskaya O, Ronsisvalle E

A 12-week randomised, double-blind, placebo-controlled, parallel three-group study to assess the safety, tolerability and efficacy of two dose levels of PBT2 to slow progression of disease in patients with early Alzheimer's disease. PRANA, (2007-2008), \$19,267

Ames DJ, Ellis K, Masters C, Martins R, Chiu E, Yastrubetskaya O, Pike K, O'Halloran C, DeFazio D, Walker S, Kotsopoulos E

Australian Imaging Biomarkers Lifestyle (AIBL) Study. CSIRO, Preventative Health Flagship, (2006-2011), \$3,000,000

Ames DJ, Lautenschlager N, Chiu E, Yastrubetskaya O, Ronsisvalle E, Mastwyk M, Mannaa B

AZ3110866: A 24-week, double-blind, randomised, placebo-controlled, parallel group study to investigate the safety and efficacy of SB-742457 when added to existing donepezil treatment in subjects with mild to moderate Alzheimer's disease. GlaxoSmithKline, (2008-2009), \$100,000

Ames DJ, Lautenschlager N, Chiu E, Yastrubetskaya O, Ronsisvalle E

A 24-week multi-centre, open-label evaluation of compliance and tolerability of the once-daily 10cm² Exelon Patch formulation in patients with probable Alzheimer's disease. Novartis, (2008-2009), \$70,000

Ames DJ, Masters C, Martins R, Ellis K

Dementia Collaborative Research Centre Node2 prevention, risk reduction, early intervention. Australian Government Initiative, Department of Health and Ageing, (2007-2009), \$360,000

Ames DJ, Mastwyk M, Chiu E, Yastrubetskaya O

Prospective Research in Memory Clinics (PRIME) Janssen-Cilag, (2005-2011), \$294,000

Chua P, Chiu E, Churchyard A

Integrity of the hypothalamic-pituitary-adrenal axis in Huntington's disease. Pfizer, (2007-2008), \$50,000

Chiu E, Yastrubetskaya O, Chua P

Neurobiological predictors of Huntington's disease (HD) – PREDICT HD. National Institute of Health, USA; Huntington's Study Group, USA; The University of Iowa, USA;, (2003-2014), USD\$86,656pa

Lautenschlager N, Ames D, Moore L

Dementia Behaviour Management Advisory Service (DBMAS). Commonwealth Government, Department of Health and Ageing, (2008-2010)

Selected presentations

Ames DJ

- Plenary speaker, ‘AIBL – what are we learning about risk factors for dementia and can these be targeted in future intervention trials?’, AC4R Annual Seminar, Sydney, NSW, September 2008
- Plenary speaker, ‘Symposium on Health Policy and Dementia Strategies’ and ‘Australian Imaging Biomarkers and Lifestyle Flagship Study of Ageing’, International Psychogeriatrics Association European Meeting: Mental Health and Ageing – towards a new age of enlightenment, Dublin, Ireland, April 2008
- Plenary speaker, ‘Australian Imaging Biomarkers and Lifestyle Flagship Study of Ageing’, Australian Society of Brain Impairment. National Ageing Research International Seminar, Melbourne, Victoria, May 2008
- Plenary speaker, ‘Clinical conundrums’, 8th Master Class on Alzheimer’s Disease, Hobart, Australia, February 2008
- Posters, ‘Examining the regional specificity between Ab burden and cognition’, ‘In vivo assessment of B-amyloid deposition: a longitudinal study’ and ‘Optimisation of partial volume correction strategies for 11C PiB quantification’ Alzheimer’s Imaging Consortium, Chicago, USA, July 2008

- Plenary speaker, ‘The AIBL Study’, Australian Society for the Study of Brain Impairment (ASSBI) Annual Conference, Melbourne, Australia, May 2008

Ames DJ, Baume P, Brennan F, Cartwright C, Hodder P, MacKinlay E

- Plenary Speaker, ‘Euthanasia and end of life decisions (hypothetical discussion)’, National Dementia Research Forum, Sydney, Australia, September 2008

Attoe R

- Plenary speaker, ‘Building skills to manage BPSD non-pharmacologically in residential care facilities’, Celebrating Innovation and Excellence in Dementia Care, Stirling, Scotland, September 2008

Chiu E

- Plenary speaker, ‘Huntington’s disease – Cinderella comes to the ball’, 3rd Biennial Seminar, National Ageing Research Institute, The challenge of dementia: what has been achieved and what remains to be done?, South Melbourne, Victoria, November 2008

Lautenschlager NT

- Plenary speaker, ‘Home-based physical activity can achieve improved cognitive function and high acceptance in older adults with memory complaints: results from the FABS trial’, 41st National Conference, Australian Association of Gerontology, Fremantle, Western Australia, November 2008

- Plenary speaker, ‘Home-based physical activity improves cognitive function in older adults at increased risk of cognitive decline: results from the FABS trial’, 11th Alzheimer’s Association International Conference on Alzheimer’s Disease, Chicago, USA, July 2008

- Plenary speaker, ‘Physical activity as a protective factor for cognition: does it work and how do we make it work?’, Faculty of Psychiatry of Old Age, Annual Scientific Meeting, Melbourne, Victoria, November 2008

- Plenary speaker, ‘The FABS randomised trial of physical activity: impact of physical measures and cognitive function’, 8th Annual Scientific Meeting of the International College of Geriatric Psychoneuropharmacology, Sydney, NSW, September 2008

International collaborations

- Center for Human Genetic Research, Massachusetts General Hospital, Richard B Simches Research Center, Boston, USA
- Coriell Institute of Medical Research, New Jersey, USA
- Indiana University, USA
- Syieon, Canada
- University of Iowa, USA
- University of Rochester, New York, USA
- University of Washington, Seattle, USA

National collaborations

- Alzheimer's Australia Victoria
- Australian Commonwealth Scientific Industrial and Research Organisation (CSIRO)
- Australian Huntington's Disease Association (Tasmania, Queensland and South Australia)
- Australian National University
- Edith Cowan University, Western Australia
- Howard Florey Research Institute
- La Trobe University, Bundoora, Victoria
- Mental Health Research Institute, Victoria
- National Ageing Research Institute (NARI), Parkville, Victoria
- Neurosciences Australia Ltd
- University of Melbourne

Publications

Almeida OP, Garrido G, Beer C, Lautenschlager NT, Arnold L, Lenzo NP, Campbell A, Flicker L 2008, 'Coronary heart disease is associated with regional grey matter volume loss: implications for cognitive function and behaviour', *Internal Medicine Journal*, 38, 599-606

Almeida OP, Garrido G, Lautenschlager NT, Hulse G, Jamrozik K, Flicker L 2008, 'Smoking is associated with reduced cortical regional gray matter density in brain areas associated with incipient Alzheimer's disease', *American Journal of Geriatric Psychiatry*, 16, 1, 92-98

Almeida OP, Schwab SG, Lautenschlager NT, Morar B, Greenop KR, Flicker L, Wildenauer W 2008, 'KIBRA genetic polymorphism influences episodic memory in older people without dementia, but not with mild cognitive impairment', *Journal of Cellular and Molecular Medicine*, 12, 5A, 1627-1676

Ames DJ 2008, 'Introduction to the 2007 International Psychogeriatric Association (IPA) Research Awards in Psychogeriatrics', *International Psychogeriatrics*, 20, 259-292

Ames D, Flynn E 2008, 'Management of late-life depression around the world: summary of international commentaries (Australia)', *Integrated Management of Depression in the Elderly*, Cambridge University Press, Cambridge, 140-143

Ames DJ, Kaduszkiewicz H, Van Den Bussche H, Zimmermann T, Birks J, Ashbury D 2008, 'For debate: is the evidence for the efficacy of cholinesterase inhibitors in the symptomatic treatment of Alzheimer's disease convincing or not?', *International Psychogeriatrics*, 20, 259-292

Bates KA, Sohrabi HR, Rodriques M, De Ruyck K, Beilby J, Dhaliwal SS, Criddle A, Wraith M, Howard M, Martins G, Paton A, Mehta P, Foster JK, Martins IJ, Lautenschlager NT, Mastaglia FL, Laws SM, Gandy SE, Martins RN 2008, 'Relationship between cardiovascular disease risk factors and Alzheimer's disease AB protein in subjective memory complainers', *Alzheimer's and Dementia*, 4, issue 4, suppl 1, A1-A8, T319

Beglinger LJ, Paulsen JS, Watson DB, Wang C, Duff K, Langbehn DR, Mosr DJ, Paulson HL, Aylward EH, Carlozzi NE, Queller S, Stout JC 2008, 'Automatic detection of preclinical neurodegeneration: presymptomatic Huntington's disease', *Journal of Clinical Psychiatry*

Bourgeat P, Acosta A, Fripp J, Ourselin S, Masters C, Ames D, Hudson P, Rowe C, Villemagne VL, Salvado O 2008, 'New cortical thickness estimation method for atrophy characterisation of Alzheimer's disease patients', *Alzheimer's and Dementia*, 4, 2, T39-40

Bourgeat P, Acosta A, Fripp J, Ourselin S, Masters C, Ames D, Hudson P, Rowe C, Villemagne VL, Salvado O 2008, 'New cortical thickness estimation method for atrophy characterisation of Alzheimer's disease patients', *Alzheimer's and Dementia*, 4, 2, T276

Brodsky H, Woodward M, Boundy K, Ames D 2008, 'Predictors of burden in caregivers of people with dementia', *Alzheimer's and Dementia*, 4, issue 4, supplement 1, T657

Bryant C, Jackson H, Ames D 2008, 'The prevalence of anxiety in older adults: methodological issues and a review of the literature', *Journal of Affective Disorders*, 30, 627-638

Chiu E 2008, 'Alcohol for the older person – friend or foe?', *Age and Ageing*, 37, 493-494

Cox KL, Lautenschlager N, Flicker L, Greenop K, Ash J, Collins L, Almeida O 2008, 'Blood pressure increases with cognitive testing in older adults with memory complaints: measurement considerations', *Journal of Hypertension*, 26, 1, S497

Dowden J, Allardice J, Ames D, Bucknell M, Carr N, Carr V, Condon J, Ellis P, Hay P, Harris A, Judd F, Jurd S, Mitchell P, Notquay C, Sawyer M 2008, *Therapeutic Guidelines—Psychotropic (Version 6)*, Therapeutic Guidelines Ltd, Melbourne, Melbourne, 326

Draper B, Pfaff JJ, Pirkins J, Snowdon J, Lautenschlager NT, Wilson I, Almeida OP 2008, 'Long-term effects of childhood abuse on the quality of life and health of older people: results from the DEPS-GP project', *Journal of the American Geriatrics Society*, 56, 262-271

Ellis L, Rowe CC, Masters CL, Martins RN, Hudson P, Milner A, Bevege L, Savage G, Ames D 2008, 'Baseline data from a multi-centre prospective longitudinal study of ageing in 1000 volunteers: (the AIBL study)', *Alzheimer's and Dementia*, 4, issue 4, supplement 1, T367

Ellis K, Villemagne VL, Ames D, Lenzo N, Pike K, O'Keefe G, Tochon-Danguy H, Price R, Jones G, Rimajova M, Bourgeat P, Raniga P, Fripp J, Salvado O, Martins R, Masters C, Rower C 2008, 'The Australian biomarker imaging and lifestyle study: preliminary PIB results', *Alzheimer's and Dementia*, 4, issue 4, supplement 1, T283

Ellis K, Villemagne VL, Ames D, Lenzo N, Pike K, O'Keefe G, Tochon-Danguy H, Price R, Jones G, Rimajova M, Bourgeat P, Raniga P, Fripp J, Salvado O, Martins R, Masters C, Rower C 2008, 'The Australian biomarker imaging and lifestyle study: preliminary results', *Alzheimer's and Dementia*, 4, 2, T7

Flicker L, Smith K, Lautenschlager NT, Almeida OP, Atkinson D, Dwyer A, LoGiudice D 2008, 'The increased prevalence of dementia and risk factors in indigenous Australians', *Alzheimer's and Dementia*, 4, 4, T673

Forlenza OV, Chiu E 2008, 'Mild cognitive impairment: a concept ready to move on?', *Current Opinion in Psychiatry*, 21, 1-4

Fripp J, Bourgeat P, Acosta O, Raniga P, Jones G, O'Keefe G, Masters CL, Ames D, Ellis KA 2008, 'MR-less high dimensional spatial normalisation of 11C-PIB PET images on a population of elderly, mild cognitive impaired and Alzheimer's disease patients', *Neuroimage*, 43, 430-439

Fripp J, Bourgeat P, Acosta O, Raniga P, Ourselin S, Masters CL, Ames D, Hudson P, Rowe C, Villemagne VL, Salvado O 2008, 'Modelling the appearance variation of 11C-PIB images', *Alzheimer's and Dementia*, 4, 2, T17

Fripp J, Bourgeat P, Acosta O, Raniga P, Modat M, Pike KE, Jones G, O'Keefe G, Masters CL, Ames D, Maruff P, Currie J, Villemagne VL, Rower C, Salvado O, Ourselin S 2008, 'Appearance modelling of C11 PIB PET images: characterising amyloid deposition in Alzheimer's disease, mild cognitive impairment and healthy aging', *Neuroimage*, 43, 430-439

Germano C, Kinsella G, Storey E, Ong B, Ames D 2008, 'The episodic buffer and learning in early Alzheimer's disease', *Journal of Clinical and Experimental Neuropsychology*, 30, 627-638

Greenop KR, Almeida OP, Flicker L, McMullin L, Lautenschlager NT 2008, 'Subjective memory complaints are associated with cognitive performance and mental health in non-demented older adults', *Australasian Journal on Ageing*, 27, 1, A12

Joubert J, Joubert L, Reid C, Barton D, Cumming T, Mitchell P, House M, Heng R, Meadows G, Waterfang M, Pantelis C, Ames D, Davis S 2008, 'The positive effect of integrated care on depressive symptoms in stroke survivors', *Cerebrovascular Diseases*, 26, 199-205

Kerse N, Flicker L, Pfaff JJ, Draper B, Lautenschlager NT, Sim M, Snowdon J, Almeida OP 2008, 'Falls, depression and antidepressants in later life: a large primary care appraisal', *PLoS ONE*, 3, 6, 1-9

Lannfelt L, Blennow K, Zetterberg H, Batsman S, Ames D, Harrison J, Masters C, Targum S, Bush A, Murdoch R, Wilson J, Ritchie C 2008, 'Safety, efficacy and biomarker findings of PBT2 in targeting AB as a modifying therapy for Alzheimer's disease: a phase IIa randomised, double-blind placebo-controlled trial', *Lancet Neurology*, 7, 779-786, 779

Lautenschlager MM, Lautenschlager NT, Forstl H 2008, 'Organische storungen, demenzen', *Handbuch der psychopharmakotherapie*, Springer Medizin Verlag Heidelberg, 753-783

Lautenschlager MM, Lautenschlager NT, Forstl H 2008, 'Psychopharmaka im alter', *Handbuch der psychopharmakotherapie*, Springer Medizin verlag Heidelberg, 1081-1091

Lautenschlager NT, Almeida OP, Flicker L, Greenop KR, Ash J, Cox K 2008, 'Older adults with memory complaints can adhere successfully to a home-based physical activity program: six month results from the FABS trial', *Alzheimer's and Dementia*, 4, 4, supplement 1, T455

Lautenschlager NT, Cox KL, Flicker L, Foster JK, Van Bockxmeer F, Xiao J, Greenop KR, Almeida OP 2008, 'Effects of physical activity on cognitive function in older adults at risk of Alzheimer's disease', *JAMA*, 300, 9, 1027-1037

Lautenschlager NT, Cox KL, Flicker L, Foster JK, Van Bockxmeer F, Xiao J, Greenop KR, Almeida OP 2008, 'Home-based physical activity improves cognitive function in older adults at increased risk of cognitive decline: results from the FABS trial', *Alzheimer's and Dementia*, 4, 4, T118

Lautenschlager NT, Cox K, Flicker L, Foster J, Van Bockxmeer F, Xiao J, Greenop KR, Ash J, Almeida OP 2008, 'Home-based physical activity can achieve improved cognitive function and high acceptance in older adults with memory complaints: results from the FABS trial', *Australasian Journal on Ageing*, 27, 1, A18-19

Lowndes G, Saling M, Ames D, Chiu E, Gonzalez L, Savage G 2008, 'Recall and recognition measures of paired associate learning in healthy aging', *Ageing, Neuropsychology and Cognition*, 15, 506-522

Lowndes G, Saling M, Ames D, Chiu E, Gonzalez L, Savage G 2008, 'Recall and recognition of verbal paired associates in healthy aging', *Journal of the International Neuropsychological Society*, 14, 591-600

McMullin L, Greenop KR, Flicker L, Almeida OP, Beer C, Vasikaran SD, Lautenschlager NT 2008, 'Determinants of vitamin D levels and cognitive performance in an older adults volunteer group', *Australasian Journal on Ageing*, 27, 1, A50-A51

Nelson MR, Reid CM, Ames D, Beilin LA, Donnan GA, Gibbs P, Johnston CI, Krum H, Storey E, Tonkin A, Wolfe R, Woods R, McNeil M 2008, 'Feasibility of conducting a primary prevention trial of low-dose aspirin for major adverse cardiovascular events in older people in Australia: results from the aspirin in reducing events in the elderly (ASPREE pilot study)', *Medical Journal of Australia*, 189, 105-109

Ng C, Lin KM, Singh B, Chiu E 2008, '*Enthnopsychopharmacology. Advances in Current Practice*', Cambridge University Press ISBN-13: 9780521873635

Palmer C, Ellis KA, O'Neill BV, Croft RJ, Leung S, Oliver C, Wesnes KA, Nathan PJ 2008, 'The cognitive effects of modulating the glycine site of the NMDA receptor with high-dose glycine in healthy controls', *Human Psychopharmacology*, 23, 2, 151-159

Paulsen JS, Langbehn DR, Stout JC, Aylward E, Ross CA, Nance M, Guttman M, Johnson S, MacDonald M, Beglinger LJ, Duff K, Kayson E, Biglan K, Shoulson I, Oakes D, Hayden M 2008, 'Detection of Huntington's disease decades before diagnosis: the Predict-Hd study', *Journal of Neurology, Neurosurgery and Psychiatry*, 79, 8, 874-880

Pike KE, Villemagne VL, Jones G, Ackermann U, O'Keefe G, Ames D, Ellis KE, Masters C, Rowe C 2008, 'Examining the regional specificity between AB burden and cognition', *Alzheimer's and Dementia*, 4, 2, T26

Pike KE, Villemagne VL, Ellis KA, Jones G, Ackermann U, O'Keefe G, Ames D, Ellis KE, Masters C, Rowe C 2008, 'Redefining "normal" cognitive performance in ageing using AB neuroimaging', *Alzheimer's and Dementia*, 4, 4, T570

Ralph N, Shadforth G, Flicker L, Smith K, Atkinson D, Almeida O, Lautenschlager N, Lindeman M, Jones J, Schaper F, LoGiudice D 2008, 'Addressing unmet needs of older indigenous people living with dementia and their families in remote communities: emerging findings from the Kimberley indigenous dementia services study', *Australasian Journal on Ageing*, 27, 1, A28

Raniga P, Bourgeat P, Acosta A, Frapp J, Ourselin S, Masters C, Ames D, Hudson P, Rowe C, Villemagne VL, Salvado O 2008, 'Optimisation of partial volume correction strategies for 11C-PIB quantification', *Alzheimer's and Dementia*, 4, 2, T57

Savage G, Ames D, Masters C, Martins R, Lockett T, Ellis KA 2008, 'Discovering the early biomarkers of Alzheimer's disease: neuropsychological findings from the longitudinal AIBL Flagship Study of Ageing', *Brain Impairment*, 9, 64-65

Smith K, Flicker L, Lautenschlager NT, Almeida OP, Atkinson D, Dwyer A, LoGiudice D 2008, 'High prevalence of dementia and cognitive impairment in indigenous Australians', *Neurology*, 71, 1470-1473

Sohrabi HR, Bates KA, Rodrigues M, Taddei K, Laws SM, Lautenschlager NT, Dhaliwal SS, Johnston A, MacKay-Sim A, Foster JK, Martins RN 2008, 'Frequency of forgetting is associated with olfactory functions in healthy, community-dwelling elderly', *Alzheimer's and Dementia*, 4, 4, T573

Tassicker RJ, Teltcher B, Trembath K, Collins V, Sheffield LJ, Chiu E, Gurrin L, Delatycki MB 2008, 'Problems assessing uptake of Huntington's disease predictive testing and a proposed solution', *European Journal of Human Genetics*, 1-5

Tiller J, Ames D, Brodaty H, Byrne G, Chawla S, Halliday G, Snowdon J, Hepworth G, McArdle P, Schweitzer I 2008, 'Antipsychotic use in the elderly: what doctors say they do, and what they do', *Australasian Journal of Ageing*, 27, 134-142

Villemagne VL, Pike KE, Ackermann U, Ames D, Ellis K, Tochon-Danguy HJ, O'Keefe G, Masters C, Rowe C 2008, 'In vivo assessment of B-amyloid deposition: a longitudinal study', *Alzheimer's and Dementia*, 4, 2, T65

Yastrubetskaya O, Preston J, Chiu E 2008, 'PREDICT-HD family participation in HSG Site 144', *Neurotherapeutics*, 5, 2, 368