

## **CERA Publications For 2001**

### **Journal Articles**

Note: The details shown in [square brackets] for most references links to PubMed, or to another bibliography source, where the Abstract is usually available. Full text may also be available, as a free service, or by subscription.

Broe, M., Shepherd, C. E., Milward, E. A., Halliday, G. M. Relationship between DNA fragmentation, morphological changes and neuronal loss in Alzheimer's disease and dementia with Lewy bodies. *Acta Neuropathologica (Berl)* 2001; 101 (6):616-24 [PMID 11515791]

Cho, C. S., McLean, A. J., Rivory, L. P., Gatenby, P. A., Hardman, D. T., Le Couteur, D. G. Carbon monoxide wash-in method to determine gas transfer in vascular beds: application to rat hindlimb. *American Journal of Physiology - Heart and Circulatory Physiology* 2001; 280 (4):H1802-6 [PMID 11247794]

Cogger, V. C., Mross, P. E., Hosie, M. J., Ansselin, A. D., McLean, A. J., Le Couteur, D. G. The effect of acute oxidative stress on the ultrastructure of the perfused rat liver. *Pharmacology and Toxicology* 2001; 89 (6):306-11 [PMID 11903956]

Creasey, H., Waite, L. M., Grayson, D. A., Bennett, H. P., Broe, G. A. The impact of neurodegenerative disorders on ageing: an overview of the Sydney Older Persons Study. *Australasian Journal on Ageing* 2001; 20 (1):10-6

Edelbrock, D., Buys, L. R., Waite, L. M., Grayson, D. A., Broe, G., .A., Creasey, H. Characteristics of social support in a community-living sample of older people: the Sydney Older Persons Study. *Australasian Journal on Ageing* 2001; 20 (4):173-8

Fisher, A. A., Le Couteur, D. G. Intracerebral hemorrhage following possible interaction between celecoxib and clopidogrel. *Annals of Pharmacotherapy* 2001; 35 (12):1567-9 [PMID 11793622]

Fisher, A. A., Le Couteur, D. G. Nephrotoxicity and hepatotoxicity of histamine H2 receptor antagonists. *Drug Safety* 2001; 24 (1):39-57 [PMID 11219486]

Kril, J. J., Halliday, G. M. Alzheimer's disease: its diagnosis and pathogenesis. *International Review of Neurobiology* 2001; 48:167-217 [PMID 11526738]

Le Couteur, D. G., Davis, M. W., Webb, M., Board, P. G. P-glycoprotein, multidrug-resistance-associated protein and Parkinson's disease. *European Neurology* 2001; 45 (4):289-90 [PMID 11385274]

Le Couteur, D. G., Cogger, V. C., Markus, A. M., Harvey, P. J., Yin, Z. L., Ansselin, A. D., McLean, A. J. Pseudocapillarization and associated energy limitation in the aged rat liver. *Hepatology* 2001; 33 (3):537-43 [PMID 11230732]

MacGibbon, M. F., Walls, R. S., Everitt, A. V. An age-related decline in melatonin secretion is not altered by food restriction. *Journals of Gerontology Series A: Biological Sciences and Medical Sciences* 2001; 56 (1):B21-6 [PMID 11193220]

Mellick, G. D., Buchanan, D. D., Hattori, N., Brookes, A. J., Mizuno, Y., Le Couteur, D. G., Silburn, P. A. The parkin gene S/N167 polymorphism in Australian Parkinson's disease patients and controls. *Parkinsonism Related Disorder* 2001; 7 (2):89-91 [PMID 11248588]

Sambrook, P., Raj, A., Hunter, D., Naganathan, V., Mason, R., Robinson, B. Osteoporosis with low dose corticosteroids: contribution of underlying disease effects and discriminatory ability of ultrasound versus bone densitometry. *Journal of Rheumatology* 2001; 28 (5):1063-7 [PMID 11361190]

Smith, M. J., Kwok, J. B., McLean, C. A., Kril, J. J., Broe, G. A., Nicholson, G. A., Cappai, R., Hallupp, M., Cotton, R. G., Masters, C. L., Schofield, P. R., Brooks, W. S. Variable phenotype of Alzheimer's disease with spastic paraparesis. *Annals of Neurology* 2001; 49 (1):125-9 [PMID 11198283]

Taylor, M. C., Board, P. G., Blackburn, A. C., Mellick, G. D., Le Couteur, D. G. Zeta class glutathione transferase polymorphisms and Parkinson's disease. *Journal of Neurology, Neurosurgery and Psychiatry* 2001; 70 (3):407 [PMID 11181873]

Waite, L. M., Broe, G. A., Grayson, D. A., Creasey, H. The incidence of dementia in an Australian community population: the Sydney Older Persons Study. *International Journal of Geriatric Psychiatry* 2001; 16 (7):680-9 [PMID 11466746]

Waite, L. M., Broe, G. A., Grayson, D. A., Creasey, H. Preclinical syndromes predict dementia: the Sydney older persons study. *Journal of Neurology, Neurosurgery & Psychiatry* 2001; 71 (3):296-302 [PMID 11511700]

Yang, M. C., McLean, A. J., Le Couteur, D. G. Cell membrane transport of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) in the liver and systemic bioavailability. *Biochemical and Biophysical Research Communications* 2001; 289 (1):130-6 [PMID 11708789]

Yin, Z. L., Dahlstrom, J. E., Le Couteur, D. G., Board, P. G. Immunohistochemistry of omega class glutathione S-transferase in human tissues. *Journal of Histochemistry and Cytochemistry* 2001; 49 (8):983-7 [PMID 11457926]

### **Books, chapters in books and reports - for 2001**

Shanley, C. (2001) *Getting in touch: a carer support model using teleconferencing*. Sydney: Centre for Education and Research on Ageing.

Shanley, C. (2001) *Promoting flexible respite for people living with dementia*. Sydney: Centre for Education and Research on Ageing.

### **Conference presentations & published abstracts**

Bennett, H. P., Corbett, A. J., Gandy, S. E., Grayson, D. A., Broe, G. A. Subcortical infarction and Leukoaraiosis: predictors of incident dementia in a 6 Year longitudinal study. College of Health Sciences and the Medical Foundation Research Conference, University of Sydney. Leura. November 2001. Published in *Australian Journal of Psychology*, 2001, 53, 186.

Bennett, H. P., Corbett, A. J., Gandy, S. E., Grayson, D. A., Kril, J. J., Broe, G. A. small vessel

disease: predictors of incident dementia in a 6-year longitudinal study. College of Clinical Neuropsychologists National Conference. Melbourne. October 2001.

Bassett, M., Dahlsrom, J., Maxwell, L., Le Couteur, D. Ultrastructural changes in hepatic sinusoidal endothelial cells in response to iron loading. World Congress on Iron Metabolism. Cairns. July 2001. Published in Bioiron, July, 2001, p96.

Brooks, W. S., Kwok, J. B. J., Stanford, P. M., Hallupp, M., Martins, R. N, Schofield, P. R. Genetics of dementia in Australia: ascertainment, mutation screening and predictive testing. Annual Scientific Meeting of the Australian Society for Geriatric Medicine. Leura. May 2001.

Brooks, W. S., Kwok, J. B. J., Stanford, P. M., Hallupp, M., Martins, R. N., Schofield, P. R. Genetics of dementia in Australia: ascertainment, mutation screening and predictive testing. Alzheimer's Disease International, 17th International Conference. Christchurch. October 2001.

Casey, B. Neuropsychology of ageing. National Conference of the Vietnam Veterans Counselling Service. Sydney. December 2001.

Casey, B. Problems in the assessment of frontal lobe dysfunction. Inaugural Australian Psychological Society Combined Colleges Workshop Day. Sydney. July 2001.

Cogger, V.C., McLean, A. J, Le Couteur, D. G. The liver sinusoidal endothelium in ageing. 2nd International Conference on Hepatic and Splanchnic Circulation in Health and Disease. Dunedin. August 2001.

Cogger, V. C., Warren, A., Ngu, M., McLean, A. J, Fraser, R., Le Couteur, D. G. Pseudocapillarisation of the ageing human and baboon liver. Australasian Society of Clinical and Experimental Pharmacologists and Toxicologists. Dunedin, December 2001. Published in Proceedings of ASCEPT, 2001, 9, p43.

Creasey, H. Dementia drugs: the case against. Australian Society for Geriatric Medicine Annual Scientific Meeting. Leura, May 2001.

Everitt, A. V., Willis, D., Seedsman, E., Polikevics, E. Body weight and life duration on conventional Wistar rats from 1952 to 1990. 17th Congress of the International Association of Gerontology. Vancouver. July 2001. Published in Gerontology, 2001, 47, p248.

Everitt, A. V. Hypothalamus, pituitary, food intake and aging, in symposium on hypothalamus and aging. 17th Congress of the International Association of Gerontology. Vancouver. July 2001. Published in Gerontology, 2001, 47,p149.

Fisher, A. A., Goh, S. L., Rubenach, S. E., Davis, M. W., McLean, A. J, Le Couteur, D. G. Vitamin D deficiency in older people: a simple pharmacological target for hip fracture. Australasian Society of Clinical and Experimental Pharmacologists and Toxicologists. Dunedin. December 2001. Published in Proceedings of ASCEPT, 2001, 9, p47.

Fraser, R., Dobbs, B., Jamieson, H., Cogger, V., Le Couteur, D. G. The role of the liver sieve in physiology and pathology. 2nd International Conference on Hepatic and Splanchnic Circulation in Health and Disease. Dunedin. August 2001.

Fraser, R. Ageing, atherosclerosis and defenestration of the liver sieve. Annual Scientific Conference N.Z. Society of Pathologists and Australian College of Pathologists. Nelson. September

2001

Garrick, T. M., Sarris, M., Harper, C. G., Kril, J., Pamphlett, R. Keeping a "breast" of schizophrenia. Australian Neuroscience Society 21st Annual Meeting. Brisbane. January 2001. Published in Proceeding of the Australian Neuroscience Society, 2001, 12, p135.

Kril, J. J. Neuropathology of Alzheimer's disease: A century of plaques and tangles. Australian Neuroscience Society 21st Annual Meeting. Brisbane. January 2001. Published in Proceeding of the Australian Neuroscience Society, 2001, 12, p23.

Langford, C. Kril, J. Agyrophilic grains in an Australian autopsy series. Biological Psychiatry. Berlin. July 2001.

Le Couteur, D. G., McLean, A. J., Yin, Z. L., Rivory, L. P. Comparison of four physiological models for analysis of glucose wash-in curves in the perfused rat liver. Australasian Society of Clinical and Experimental Pharmacologists and Toxicologists. Dunedin. December 2001. Published in Proceedings of ASCEPT, 2001, 9, p96.

Li, L-X, Crotty, K., Kril, J., Palmer, A., McCarthy, S. Multivariate evaluation of benign naevi and malignant melanoma using DNA microdensitometry, caryometry, argyrophilic nucleolar organizer regions (AgNORs) and MIB1-Ki67 immunoreactivity. Poster presentation. 5th World Conference on Melanoma. Venice. February 2001.

Lye, T. C., Grayson, D. A., Bennett, H. P., Creasey, H., Piguet, O., Broe, G. A. MRI correlates of "normal" brain ageing in an elderly Australian sample. 17th Congress of the International Association of Gerontology. Vancouver. July 2001. Published in Gerontology, 47, Supplement 1, p392.

Lye, T.C., Grayson, D.A., Bennett, H.P., Piguet, O., Creasey, H., Broe, G.A. MRI correlates of "normal" brain ageing in the ninth and tenth decades of life. 24th Annual Brain Impairment Conference. Magnetic Island. May 2001. Published in Brain Impairment, 2,1, p73.

Lye, T.C., Grayson, D.A., Piguet, O., Bennett, H.P., Creasey, H., Ridley, L., Broe, G.A. MRI-based hippocampal correlates of memory functioning in the ninth and tenth decades of life. 7th Annual Conference of the APS College of Clinical Neuropsychologists. Melbourne. October 2001. Published in Australian Journal of Psychology, 53, Supplement, 194 - 195.

McLean, A.J., Cogger, V.C., Harvey, P.J., Yin, Z.L., Ansellin, A.D., Le Couteur, D.G. Pseudocapillarization of the aged liver. Clinical Pharmacology and Therapeutics 2001, 69, p15.

Muller, M. Hydroquinone-induced morphological changes in human endothelial cells are not dependent on oxidative stress. Australasian Society of Clinical and Experimental Pharmacologists and Toxicologists. Dunedin. December 2001.

Piguet, O., Grayson, D. A., Ridley, L., Bennett, H. P., Brooks, W. S., Creasey, H., Lye, T. C., Broe, G. A. Significance of MRI white matter abnormalities to cognitive ageing: evidence from the Sydney Older Persons Study. 17th Congress of the International Association of Gerontology. Vancouver. July 2001. Published in Gerontology, 2001, 47(1), p517.

Piguet, O., Tate, R. L., Broe, G. A. Switching and clustering on verbal fluency tasks in very old community dwellers: from the Sydney Older Persons Study. Rotman Research Institute Tenth Annual Conference: The Frontal Lobes. Toronto. March 2000. Published in Brain and Cognition,

2001, 44(1-2), 234 - 238

Piguet, O., Grayson, D. A., Broe, G. A., Tate, R. L., Bennett, H. P., Creasey, H., Brooks, W. S. Executive functions: are we really measuring what we think we are measuring? 24th Annual Australian Society for the Study of Brain Impairment Conference. Magnetic Island. May 2001. Published in *Brain Impairment*, 2001, 2 (1), p54.

Piguet, O., Bennett, H. P., Lye, T. C Structural neuroimaging, cognition and ageing: perspectives from the Centre for Education and Research on Ageing experience. 7th Annual Conference of the Australian Psychological Society College of Clinical Neuropsychologists. Melbourne. October 2001.

Piguet, O., Grayson, D. A., Ridley, L., Bennett, H. P., Lye, T. C, Brooks, W. S., Creasey, H., Broe, G. A. Executive functions in very old individuals and MRI white matter lesions: do they matter?: evidence from The Sydney Older Persons Study. 7th Annual Conference of the Australian Psychological Society College of Clinical Neuropsychologists. Melbourne. October 2001. Published in *Australian Journal of Psychology*, 2001, 53 Supplement, p198.

Shanley, C. G. NSW Action Plan on Dementia: promoting flexible respite. National Conference of the Alzheimer's Association. Canberra. March 2001.

Shanley, C. G. Teleconferencing as a strategy for carer support. Australian Association of Gerontology National Conference. Canberra. September 2001. Published in the *Australian Journal on Ageing*, 2001, 20, 3 - Supplement 1, p3.

Shanley, C. G. Promoting flexible respite: report from the respite care project of the NSW Action Plan on dementia. Annual Aged Services Association Community Care Conference. Sydney. March 2001.

Shepherd, C. E, Kril, J. J., Halliday, G. Specificity of inflammatory pathology for Alzheimer's disease. Australian Neuroscience Society 21st Annual Meeting. Brisbane. January 2001. Published in *Proceeding of the Australian Neuroscience Society*, 2001, 12, p134.

Shrestha, B., Karupiah, G., Chaudhri, G., Kril, J., King, N. J. C. West Nile virus encephalitis – an immunopathological disease. Australian Society for Medical Research Meeting. Sydney. June 2000. Published in *Proceeding of the Australian Neuroscience Society*, 2001, 12, p122.

Waley, P. I. Kril, J. J. Changes to the microvascular network in dementia. Australian Neuroscience Society 21st Annual Meeting. Brisbane. January 2001. Published in *Proceeding of the Australian Neuroscience Society*, 2001, 12, p134.

Walters, N. B., Egan, G. F., Kril, J. J., Watson, J. D. G. A comparative high resolution magnetic resonance imaging (MRI) and histology study of a post mortem human brain. 5th Australian Functional Brain Mapping Symposium. Melbourne. May 2001.

Yang, M. C., McLean, A. J, Le Couteur, D. G. Effect of pesticide exposure and aging on the hepatic extraction of neurotoxins. XIX International Neurotoxicology Conference Series. Parkinson's disease, environment and genes. Arizona. June 2001.

Zabrodin, O. N. Everitt, A. V. Ageing as attenuation of noradrenergic mechanisms of nervous trophisms. Regional Congress of International Society of Psychoneurology. St. Petersburg. June 2001.