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Track Record

NT Lautenschlager graduated in human medicine in 1993 and received her postgraduate degree (MD) with first class honours in 1994 from the Technical University in Munich (TUM), Germany. In 1995 she spent one year as postdoctoral fellow at Boston University in the US analysing the age-dependent risk of Alzheimer Disease in first-degree relatives, and acquiring the techniques of molecular genetics and linkage analysis. In 2000 she completed her postgraduate clinical training and received the Bavarian fellowship in Psychiatry and Psychotherapy. Her research interests in Munich were Old Age Psychiatry with a focus on risk factors and early diagnosis of dementia disorders. In 10/00 she took up a position as Senior Lecturer in Old Age Psychiatry at the University of Western Australia (UWA), School of Psychiatry and Clinical Neurosciences. In 07/04 she was promoted to Associate Professor and in 08/06 to Professor. In 2006 she completed her "Habilitation" (German postgraduate degree) at the TUM focusing on Mild Cognitive Impairment (MCI) and early dementia. She is a founding member of the "WA Centre of Health & Ageing" which was founded as a research Centre at UWA in 10/06.

Since her arrival in Perth, NL has initiated or participated in clinical research projects on various topics with a current focus on health promotion and preventative strategies in Old Age Psychiatry. In 2005 she was one of three guest editors for the supplement "uncommon causes of dementia" published in *International Psychogeriatrics*. She regularly participates in regional, national and international conferences, has functioned as a reviewer for international journals and national and international grant applications and in 2006 was a panel member for the NHMRC Grant Review Panel "Geriatrics and other Health". In 11/06 NL was appointed Deputy Editor for the scientific journal "International Psychogeriatrics". NL is undertaking undergraduate and postgraduate teaching, and between 2001 and 2005 was holding the appointment of Clinical Sub Dean of Royal Perth Hospital for the Faculty of Medicine and Dentistry of UWA. Between 2002 and 2004 she was the course coordinator for the Psychiatry course for 4th year medical students in the School of Psychiatry and Clinical Neurosciences. In 08/06 she was appointed Deputy Head of School, School of Psychiatry and Clinical Neurosciences at UWA and in that role she is responsible for the portfolio "Teaching" within the School. NL is co-director of a memory clinic and also conducts clinical work as a consultant in Psychiatry. Since 03/07 she is a fellow of the Australian and New Zealand College of Psychiatrists. NL is on various committees such as the Ethics Committee and the Electoral Committee of Royal Perth Hospital and the Advanced Training Program Committee of the WA branch of the RANZCP Faculty of Psychiatry of Old Age.

NT Lautenschlager – publications 2004 – present

Refereed journal articles

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A Drzezga, T Grimmer, M Riemenschneider, N Lautenschlager, H Siebner, S Minoshima, M Schwaiger, A Kurz: Prediction of individual clinical outcome in MCI by means of genetic assessment and FDG-PET imaging. *Journal of Nuclear Medicine* 2005;46:1625-1632.

OP Almeida, NT Lautenschlager, S Vasikaran, P Leedman, A Gelavis, L Flicker: A 20-week randomized controlled trial of estradiol replacement therapy for women aged 70 years and older: Effect on mood, cognition and quality of life. *Neurobiol Aging* 2006;27:141-149.

R Bonney, OP Almeida, L Flicker, S Davies, R Clarnette, M Anderson & NT Lautenschlager: Inspection time in non-demented older adults with mild cognitive impairment. *Neuropsychologia* 2006;44:1452-1456.

D LoGiudice, K Smith, J Thomas, NT Lautenschlager, OP Almeida, D Atkinson & L Flicker: Kimberley Indigenous Cognitive Assessment tool (KICA): development of a cognitive assessment tool for older Indigenous Australians. *International Psychogeriatrics* 2006;18(2):269-280.

Nicola T. Lautenschlager, John C. Dunn, K Bonney, Leon Flicker, and Osvaldo P. Almeida: Latent Semantic Analysis: An Improved Method to Measure Cognitive Performance in Subjects of Non-English-Speaking-Background. *Journal of Clinical and Experimental Neuropsychology* 2006;28:1381-1387.

M Riemenschneider, L Konta, P Friedrich, S Schwarz, K Taddei, F Neff, A Padovani, H Kölsch, SM Laws, N Klopp, H Bickeböller, S Wagenpfeil, JC Mueller, A Rosenberger, J Diehl-Schmid, S Archetti, NT Lautenschlager, B Borroni, U Müller, T Illig, R Heun, R Egensperger, J Schlegel, H Förstl, RN Martins, the German sib-pair study group and A Kurz: A functional polymorphism within plasminogen activator urokinase (PLAU) is associated with Alzheimer's Disease. *Human Molecular Genetics* 2006;15 (16):2446-2456.

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Book Chapters

L Flicker, NT Lautenschlager: Secondary prevention: medical management of established cerebrovascular disease. In "Cerebrovascular Disease, Cognitive Impairment and Dementia" Eds. J O'Brien, E Chui, D Ames, L Gustafson, M Folstein, Martin Dunitz, London, 2004, 329-338.

Flicker L, Lautenschlager NT. *Mild Cognitive Impairment* An entry for The Encyclopedia of Ageing, Fourth Edition Edited by Schulz R, Noelker L, Rockwood K, Sprott R. Springer Publishing Company 2005

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Book and Web Reviews

Lautenschlager NT: Book review on „Alzheimer's Disease and Related Disorders Annual 2004“ *Int Psychogeriatrics* 2005;17(2):338-340.

Lautenschlager NT: Web review on www.eagp.com (European Association of Geriatric Psychiatry) *IPA Bulletin*, volume 22, no.2, May 2005: 18-19.

Abstracts

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NT Lautenschlager, KL Cox, L Flicker, J Acres, KR Bonney, J Ash, F van Bockxmeer, JK Foster, OP Almeida: Interaction of physical activity and APOE to modulate cognitive function in later life. *Alzheimer's & Dementia* 2007;3 (Issue 3, Suppl 2): S183 (Abstract).

K Smith, L Flicker, NT Lautenschlager, OP Almeida, D Atkinson, A Dwyer, D LoGiudice: Dementia and cognitive impairment in remote Indigenous Australians – Evidence of different patterns of risk factors and increased prevalence. *Internal Medicine Journal* 2007;37 (Suppl 3): A68 (Abstract).

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Reviews

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Editorials

Oswaldo P Almeida, Leon Flicker, Nicola T Lautenschlager: Uncommon causes of dementia: rare, but not marginal. (Guest editorial) *International Psychogeriatrics*, 2005;17:Supp:S1-S2.