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### Activity- and pharmacology-dependent modulation of adult neurogenesis in relation to Alzheimer's disease

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## List of Publications

van Weteringen W, **Marlatt MW**, Meerhoff GF, Boekhoorn K, Edwin H. Jacobs EH , Casper C. Hoogenraad CC, and Lucassen PJ. Physical exercise increases neurogenesis and reduces tau hyperphosphorylation in a transgenic model for Alzheimer's disease; *in preparation*.

**Marlatt MW**, Potter M, Bayer TA, van Praag H, Lucassen PJ  
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*Submitted May 2012*

**Marlatt MW**, Bauer J, Aronica E, van Haastert ES, Hoozemans JJM, Joels M and Lucassen PJ. Iba1+ microglia proliferate in the human hippocampus at sites of amyloid deposition. *Submitted May 2012*

**Marlatt MW**, Potter M, Lucassen PJ, van Praag H. Chronic running in middle-aged C57Bl6 mice rescues an age-dependent spatial memory deficit *Dev. Neurobiol.* 2012 Jan 17 *Epub ahead of print*

**Marlatt MW**, Philippens I, Manders E, Czeh B, Joels M, Krugers H, Lucassen PJ. Distinctive structural plasticity in the hippocampus middle-aged common marmoset (*Callithrix jacchus*) following psychosocial stress. *Exp Neurol.* 2011 Aug; 230(2): 291-301.

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McCampbell A, Wessner K, **Marlatt MW**, Wolffe C, Toolan D, Podtelezchnikov A, Yeh S, Zhang R, Szczerba P, Tanis KQ, Majercak J, Ray WJ, Savage M. Induction of Alzheimer-like changes in brain of mice of mice expressing mutant APP fed excess methionine. *J Neurochem.* 2011 Jan; 116(1): 82-92

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**Marlatt MW**, Lucassen PJ, Perry G, Smith MA, Zhu X. Alzheimer's disease: cerebrovascular dysfunction, oxidative stress, and advanced clinical therapies. *J Alzheimers Dis.* 2008 Oct;15(2):199-210.

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McShea A, **Marlatt MW**, Lee HG, Tarkowsky SM, Smit M, Smith MA. The Application of Microarray Technology to Neuropathology: Cutting Edge Tool with Clinical Diagnostics Potential or Too Much Information?" *J Neuropathol and Exp Neurol* 2006 Nov;65(11):1031-9

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**Marlatt MW**, Webber KM, Moreira PI, Lee HG, Casadesus G, Honda K, Zhu X, Perry G, Smith MA. Therapeutic opportunities in Alzheimer Disease: All for one or one for all? *Curr Med Chem* 2005, 12(10), 1137-1147

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