
Publications

In press or published

34. Jabès, A., Banta Lavenex, P., Amaral D.G. and **Lavenex, P.** Postnatal development of the hippocampal formation: a stereological study in macaque monkeys (In press, *Journal of Comparative Neurology*).
33. **Lavenex, P.**, Sugden, S., Gregg, J.P., Banta Lavenex, P. Developmental regulation of gene expression and astrocytic processes may explain selective hippocampal vulnerability. *Hippocampus* 2010: DOI 10.1002/hipo.20730.
32. Jabès, A., Banta Lavenex, P., Amaral D.G. and **Lavenex, P.** Quantitative analysis of postnatal neurogenesis and neuron number in the monkey dentate gyrus. *European Journal of Neuroscience*, 31:273-285, 2010.
31. Banta Lavenex, P. and **Lavenex, P.** Spatial relational memory abilities do not differ between men and women in a real-world, open-field environment. *Behavioural Brain Research*, 207:125-137, 2010.
30. Banta Lavenex, P. and **Lavenex, P.** Spatial memory and the monkey hippocampus: Not all space is created equal. *Hippocampus*, 19:8-19, 2009.
29. Kondo, H., **Lavenex, P.** and Amaral, D.G. Intrinsic connections of the macaque monkey hippocampal formation: II. CA3. *Journal of Comparative Neurology*, 515:349-377, 2009.
28. **Lavenex, P.**, Banta Lavenex, P., Bennett J.L. and Amaral, D.G. Postmortem changes in the neuroanatomical characteristics of the primate brain: the hippocampal formation. *Journal of Comparative Neurology*, 512:27-51, 2009.
27. Kondo, H., **Lavenex, P.** and Amaral, D.G. Intrinsic connections of the macaque monkey hippocampal formation: I. Dentate gyrus. *Journal of Comparative Neurology*, 511:497-520, 2008.
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24. **Lavenex, P.**, Banta Lavenex, P. and Amaral, D.G. Postnatal development of the primate hippocampal formation. *Developmental Neuroscience*, 29(1-2): 179-192, 2007.
23. Bauman, M.D., Toscano, J.E., Mason, W.A., **Lavenex, P.** and Amaral, D.G. The expression of social dominance following neonatal lesions of the amygdala or hippocampus in rhesus monkeys. *Behavioral Neuroscience*, 120(4):749-760, 2006.
22. Banta Lavenex, P., Amaral, D.G. and **Lavenex, P.** Hippocampal lesion prevents spatial relational learning in adult macaque monkeys. *Journal of Neuroscience*, 26(17):4546-4558, 2006.

21. **Lavenex P.** and Banta Lavenex, P. Spatial relational memory in nine-month-old macaque monkeys. *Learning and Memory*, 13:84-96, 2006.
20. Altemus, K.L., **Lavenex, P.**, Ishizuka, N. and Amaral D.G. Morphological characteristics and electrophysiological properties of CA1 pyramidal neurons in macaque monkeys. *Neuroscience*, 136:741-756, 2005.
19. Pravosudov, V.V., **Lavenex, P.** and Omanska, A. Nutritional deficits during early development affect hippocampal structure and spatial memory later in life. *Behavioral Neuroscience*, 119(5):1368-1374, 2005.
18. **Lavenex, P.**, Banta Lavenex P. and Amaral, D.G. Nonphosphorylated high-molecular-weight neurofilament expression suggests early maturation of the monkey subiculum. *Hippocampus*, 14:797-801, 2004
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Book Chapters

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