

Publications

1. Möykkynen, T., Liebkind, R., Sjöberg, J., Korpi, E. and **Liesi, P. (2005)** The neuroprotective KDI domain of gamma1 laminin is a universal and potent inhibitor of ionotropic glutamate receptors. *J. Neurosci. Res.* Published Online: 25 July 2005.
2. Wiksten, M., Väänänen, A.J., Liebkind, R. and **Liesi, P. (2004)** Regeneration of adult spinal cord is promoted by the soluble KDI-domain of γ 1 laminin. *J. Neurosci. Res.* 78:403-410.
3. Wiksten, M., Väänänen, A.J., Liebkind, R., Rauhala, P. and **Liesi, P. (2004)** The soluble KDI-domain of γ 1 laminin protects adult rat hippocampus from excitotoxicity of kainic acid. *J. Neurosci. Res.* 78:411-419.
4. Antti J. Väänänen, Ron Liebkind, Esko Kankuri , **Paivi Liesi**, A and Pekka Rauhala **(2004)** Angeli's salt and motor neuron injury. *Free Radical Research* 38:271-282.
5. Liebkind R, Laatikainen T, **Liesi P (2003)** Is the soluble KDI domain of gamma1 laminin a regeneration factor for the mammalian central nervous system? *J Neurosci Res.* 73:637-43.
6. **Liesi, P.**, Akinshola, BE, Matsuba, K. and Lange, K. and Morest, D.K. **(2003)** Cellular migration in the postnatal rat cerebellar cortex: confocal-infrared microscopy and the rapid Golgi method. *J. Neuroscience Research* 72:290-302.
7. Vaananen AJ, Moed M, Tuominen RK, Helkamaa TH, Wiksten M, **Liesi P**, Chiueh CC, Rauhala P. **(2003)** Angeli's salt induces neurotoxicity in dopaminergic neurons in vivo and in vitro. *Free Radic. Res.* 37(4):381-389.
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10. **Liesi, P.** and Kauppila, T. **(2002)** Induction of type IV collagen and other basement membrane associated proteins after spinal cord injury of the adult rat may participate in formation of the glial scar. *Exp. Neurol.* 173:31-45.

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13. **Liesi, P.**, Fried, G. and Stewart, R. (2001) Neurons and glial cells of the embryonic human brain and spinal cord express multiple and distinct isoforms of laminin. *J. Neuroscience Res.* 64(2): 144-167.
14. **Liesi, P.**, Stewart, R., and Wright, J. (2000) Involvement of GIRK2 in postnatal development of the weaver cerebellum. *J. Neurosci. Res.* 60:164-173.
15. Murtomäki, S., Virtanen, I. and **Liesi, P.** (1999) Neurofilament proteins are constitutively expressed in F9 teratocarcinoma cells. *Int. J. Dev. Neuroscience* 17:829-838.
16. **Liesi, P.**, Stewart, R., Akinshola, B., Wright, J. (1999) Weaver cerebellar granule neurons show altered expression of NMDA receptor subunits both in vivo and in vitro. *J. Neurobiology* 38:441-454.
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