

Publications 2013 - 2017

Publications of research projects with the NBB as co-author

The following list contains publications that arose from research projects in which the NBB's contribution was more substantial than the supply of tissue, but also e.g. intellectual input into study design or specific analyses of tissue or donor data. In these cases the NBB requests corporate co-authorship. The **NBB authorship guidelines** describe this in more detail.

Bergen, A. A., Kaing, S., ten Brink, J. B., Netherlands Brain Bank, Gorgels, T. G., & Janssen, S. F. (2015). Gene expression and functional annotation of human choroid plexus epithelium failure in Alzheimer's disease. *BMC Genomics*, *16*(1), 1–15. <https://doi.org/10.1186/s12864-015-2159-z>

Dijkstra, A. A., Voorn, P., Berendse, H. W., Groenewegen, H. J., Netherlands Brain Bank, Rozemuller, A. J. M., & van de Berg, W. D. J. (2014). Stage-dependent nigral neuronal loss in incidental Lewy body and Parkinson's disease. *Movement Disorders*, *29*(10), 1244–1251.

Krudop, W. A., Bosman, S., Geurts, J. J., Sikkes, S. A., Verwey, N. A., Stek, M. L., ... Netherlands Brain Bank. (2015). Clinico-pathological correlations of the frontal lobe syndrome: results of a large brain bank study. *Dementia and geriatric cognitive disorders*, *40*(3–4), 121–129.

Nielsen, H. M., Ek, D., Avdic, U., Orbjörn, C., Hansson, O., Netherlands Brain Bank, ... Wennström, M. (2013). NG2 cells, a new trail for Alzheimer's disease mechanisms? *Acta Neuropathologica Communications*, *1*, 7. <https://doi.org/10.1186/2051-5960-1-7>

Vermunt, M. W., Tan, S. C., Castelijns, B., Geeven, G., Reinink, P., de Bruijn, E., ... Creyghton, M. P. (2016). Epigenomic annotation of gene regulatory alterations during evolution of the primate brain. *Nature neuroscience*.

Wong, T. H., Chiu, W. Z., Breedveld, G. J., Li, K. W., Verkerk, A. J. M. H., Hondius, D., ... van Swieten, J. (2014). PRKAR1B mutation associated with a new neurodegenerative disorder with unique pathology. *Brain*, *137*(5), 1361–1373. <https://doi.org/10.1093/brain/awu067>

Full publication list

The following list contains publications that were realized through the use of NBB tissue. The NBB is acknowledged in these articles, but is not included as a co-author.

Acquarelli, J., Brain Bank, T. N., Bianchini, M., & Marchiori, E. (2016). Discovering Potential Clinical Profiles of Multiple Sclerosis from Clinical and Pathological Free Text Data with Constrained Non-negative Matrix Factorization. In *Applications of Evolutionary Computation* (pp. 169–183). Springer, Cham. https://doi.org/10.1007/978-3-319-31204-0_12

Adams, S. L., Benayoun, L., Tilton, K., Chavez, O. R., Himali, J. J., Blusztajn, J. K., ... Delalle, I. (2017). Methionine sulfoxide reductase-B3 (MsrB3) protein associates with synaptic vesicles and its expression changes in the hippocampi of Alzheimer's disease patients. *Journal of Alzheimer's disease : JAD*, *60*(1), 43–56. <https://doi.org/10.3233/JAD-170459>

- Adams, S. L., Tilton, K., Kozubek, J. A., Seshadri, S., & Delalle, I. (2016). Subcellular Changes in Bridging Integrator 1 Protein Expression in the Cerebral Cortex During the Progression of Alzheimer Disease Pathology. *Journal of Neuropathology & Experimental Neurology*, *75*(8), 779–790. <https://doi.org/10.1093/jnen/nlw056>
- Ádori, C., Glück, L., Barde, S., Yoshitake, T., Kovacs, G. G., Mulder, J., ... Mitsios, N. (2015). Critical role of somatostatin receptor 2 in the vulnerability of the central noradrenergic system: new aspects on Alzheimer's disease. *Acta neuropathologica*, *129*(4), 541–563.
- Adorjan, I., Ahmed, B., Feher, V., Torso, M., Krug, K., Esiri, M., ... Szele, F. G. (2017). Calretinin interneuron density in the caudate nucleus is lower in autism spectrum disorder. *Brain*, *140*(7), 2028–2040. <https://doi.org/10.1093/brain/awx131>
- Al-Izki, S., Pryce, G., Hankey, D. J. R., Lidster, K., von Kutzleben, S. M., Browne, L., ... Baker, D. (2014). Lesional-targeting of neuroprotection to the inflammatory penumbra in experimental multiple sclerosis. *Brain*, *137*(1), 92–108. <https://doi.org/10.1093/brain/awt324>
- Allodi, I., Comley, L., Nichterwitz, S., Nizzardo, M., Simone, C., Benitez, J. A., ... Hedlund, E. (2016). Differential neuronal vulnerability identifies IGF-2 as a protective factor in ALS. *Scientific Reports*, *6*, 25960. <https://doi.org/10.1038/srep25960>
- Almandoz-Gil, L., Lindström, V., Sigvardson, J., Kahle, P. J., Lannfelt, L., Ingelsson, M., & Bergström, J. (2017). Mapping of Surface-Exposed Epitopes of In Vitro and In Vivo Aggregated Species of Alpha-Synuclein. *Cellular and Molecular Neurobiology*, *37*(7), 1217–1226. <https://doi.org/10.1007/s10571-016-0454-0>
- Anand, P., Yiangou, Y., Anand, U., Mukerji, G., Sinisi, M., Fox, M., ... Hein, P. (2016). Nociceptin/orphanin Fq receptor expression in clinical pain disorders and functional effects in cultured neurons. *Pain*, *157*(9), 1960–1969. <https://doi.org/10.1097/j.pain.0000000000000597>
- Anand, U., Facer, P., Yiangou, Y., Sinisi, M., Fox, M., McCarthy, T., ... Anand, P. (2013). Angiotensin II type 2 receptor (AT2R) localization and antagonist-mediated inhibition of capsaicin responses and neurite outgrowth in human and rat sensory neurons. *European Journal of Pain*, *17*(7), 1012–1026. <https://doi.org/10.1002/j.1532-2149.2012.00269.x>
- Anand, Uma, Yiangou, Y., Sinisi, M., Fox, M., MacQuillan, A., Quick, T., ... Anand, P. (2015). Mechanisms underlying clinical efficacy of Angiotensin II type 2 receptor (AT2R) antagonist EMA401 in neuropathic pain: clinical tissue and in vitro studies. *Molecular Pain*, *11*(1), 1–12. <https://doi.org/10.1186/s12990-015-0038-x>
- Andersson, R., Gebhard, C., Miguel-Escalada, I., Hoof, I., Bornholdt, J., Boyd, M., ... Sandelin, A. (2014). An atlas of active enhancers across human cell types and tissues. *Nature*, *507*(7493), 455–461.
- Arena, A., M. Iyer, A., Milenkovic, I., G. Kovacs, G., Ferrer, I., Perluigi, M., & Aronica, E. (2017, december). Developmental Expression and Dysregulation of miR-146a and miR-155 in Down's Syndrome and Mouse Models of Down's Syndrome and Alzheimer's Disease [Text]. <https://doi.org/info:doi/10.2174/1567205014666170706112701>
- Armstrong, R. A., Kotzbauer, P. T., Perlmutter, J. S., Campbell, M. C., Hurth, K. M., Schmidt, R. E., & Cairns, N. J. (2014). A quantitative study of α -synuclein pathology in fifteen cases of dementia associated with Parkinson disease. *J Neural Transm*, *121*. <https://doi.org/10.1007/s00702-013-1084-z>

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- Bao, A.-M., & Swaab, D. F. (2014). The stress systems in depression: a postmortem study. *European Journal of Psychotraumatology*, *5*, 10.3402/ejpt.v5.26521. <https://doi.org/10.3402/ejpt.v5.26521>
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