

Publications in 2016 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 coauthorship.

- Hepp, D. H., Vergoossen, D. L. E., Huisman, E., Lemstra, A. W., Netherlands Brain Bank, Berendse, H. W., ... van de Berg, W. D. J. (2016). Distribution and Load of Amyloid- β Pathology in Parkinson Disease and Dementia with Lewy Bodies. *Journal of Neuropathology & Experimental Neurology*, 75(10), 936–945. <https://doi.org/10.1093/jnen/nlw070>
- 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*.

All publications in 2016

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. *Applications of Evolutionary Computation*, 169–183. https://doi.org/10.1007/978-3-319-31204-0_12
- 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>
- 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>
- 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>
- Blauwendraat, C., Francescato, M., Gibbs, J. R., Jansen, I. E., Simón-Sánchez, J., Hernandez, D. G., ... Heutink, P. (2016). Comprehensive promoter level expression quantitative trait loci analysis of the human frontal lobe. *Genome Medicine*, 8, 65. <https://doi.org/10.1186/s13073-016-0320-1>
- Burm, S. M., Peferoen, L. A. N., Zuiderwijk-Sick, E. A., Haanstra, K. G., 't Hart, B. A., van der Valk, P., ... Bajramovic, J. J. (2016). Expression of IL-1 β in rhesus EAE and MS lesions is mainly induced in the CNS itself. *Journal of Neuroinflammation*, 13(1), 138. <https://doi.org/10.1186/s12974-016-0605-8>

- Caroppo, P., Camuzat, A., Guillot-Noel, L., Thomas-Antérion, C., Couratier, P., Wong, T. H., ... Ber, I. L. (2016). Defining the spectrum of frontotemporal dementias associated with TARDBP mutations. *Neurology: Genetics*, 2(3). <https://doi.org/10.1212/NXG.0000000000000080>
- Ebbert, M. T. W., Boehme, K. L., Wadsworth, M. E., Staley, L. A., Mukherjee, S., Crane, P. K., ... Kauwe, J. S. K. (2016). Interaction between variants in CLU and MS4A4E modulates Alzheimer's disease risk. *Alzheimer's & Dementia*, 12(2), 121–129. <https://doi.org/10.1016/j.jalz.2015.08.163>
- Eilam, R., Aharoni, R., Arnon, R., & Malach, R. (2016). Astrocyte morphology is confined by cortical functional boundaries in mammals ranging from mice to human. *ELife*, 5. <https://doi.org/10.7554/eLife.15915>
- Ettle, B., Kerman, B. E., Valera, E., Gillmann, C., Schlachetzki, J. C. M., Reiprich, S., ... Winkler, J. (2016). α -Synuclein-induced myelination deficit defines a novel interventional target for multiple system atrophy. *Acta Neuropathologica*, 132(1), 59–75. <https://doi.org/10.1007/s00401-016-1572-y>
- Fraussen, J., Claes, N., Van Wijmeersch, B., van Horsen, J., Stinissen, P., Hupperts, R., & Somers, V. (2016). B cells of multiple sclerosis patients induce autoreactive proinflammatory T cell responses. *Clinical Immunology*, 173, 124–132. <https://doi.org/10.1016/j.clim.2016.10.001>
- Gabusiewicz, K., Rodriguez, B., Wei, J., Hashimoto, Y., Healy, L. M., Maiti, S. N., ... Heimberger, A. B. (2016). Glioblastoma-infiltrated innate immune cells resemble M0 macrophage phenotype. *JCI Insight*, 1(2). <https://doi.org/10.1172/jci.insight.85841>
- Ghanbari, M., Darweesh, S. K. L., de Looper, H. W. J., van Luijn, M. M., Hofman, A., Ikram, M. A., ... Dehghan, A. (2016). Genetic Variants in MicroRNAs and Their Binding Sites Are Associated with the Risk of Parkinson Disease. *Human Mutation*, 37(3), 292–300. <https://doi.org/10.1002/humu.22943>
- Ghanbari, M., Ikram, M. A., Looper, H. W. J. de, Hofman, A., Erkeland, S. J., Franco, O. H., & Dehghan, A. (2016). Genome-wide identification of microRNA-related variants associated with risk of Alzheimer's disease. *Scientific Reports*, 6, 28387. <https://doi.org/10.1038/srep28387>
- Grimm, M. O. W., Haupenthal, V. J., Mett, J., Stahlmann, C. P., Blümel, T., Mylonas, N. T., ... Hartmann, T. (2016). Oxidized Docosahexaenoic Acid Species and Lipid Peroxidation Products Increase Amyloidogenic Amyloid Precursor Protein Processing. *Neurodegenerative Diseases*, 16(1–2), 44–54. <https://doi.org/10.1159/000440839>
- Heinen, C. A., Jongejan, A., Watson, P. J., Redeker, B., Boelen, A., Boudzovitch-Surovtseva, O., ... Hennekam, R. C. (2016). A specific mutation in TBL1XR1 causes Pierpont syndrome. *Journal of Medical Genetics*, jmedgenet-2015-103233. <https://doi.org/10.1136/jmedgenet-2015-103233>
- Heinen, C. A., Losekoot, M., Sun, Y., Watson, P. J., Fairall, L., Joustra, S. D., ... Paul, A. S. (2016). Mutations in TBL1X Are Associated With Central Hypothyroidism. *The Journal of Clinical Endocrinology & Metabolism*, 101(12), 4564–4573. <https://doi.org/10.1210/jc.2016-2531>
- Hepp, D. H., Vergoossen, D. L. E., Huisman, E., Lemstra, A. W., Berendse, H. W., Rozemuller, A. J., ... van de Berg, W. D. J. (2016). Distribution and Load of Amyloid- β Pathology in Parkinson Disease and Dementia with Lewy Bodies. *Journal of Neuropathology & Experimental Neurology*, 75(10), 936–945. <https://doi.org/10.1093/jnen/nlw070>
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