

Publications 2013 - 2020

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.

- 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>
- Böttcher, C., Schlickeiser, S., Sneeboer, M. A. M., Kunkel, D., Knop, A., Paza, E., Fidzinski, P., Kraus, L., Snijders, G. J. L., Kahn, R. S., Schulz, A. R., Mei, H. E., Netherlands Brain Bank for Psychiatry, Hol, E. M., Siegmund, B., Glaubien, R., Spruth, E. J., de Witte, L. D., & Priller, J. (2019). Human microglia regional heterogeneity and phenotypes determined by multiplexed single-cell mass cytometry. *Nature Neuroscience*, *22*(1), 78–90. <https://doi.org/10.1038/s41593-018-0290-2>
- Byman, E., Nägga, K., Gustavsson, A.-M., The Netherlands Brain Bank, Andersson-Assarsson, J., Hansson, O., Sonestedt, E., & Wennström, M. (2020). Alpha-amylase 1A copy number variants and the association with memory performance and Alzheimer's dementia. *Alzheimer's Research & Therapy*, *12*. <https://doi.org/10.1186/s13195-020-00726-y>
- Byman, E., Schultz, N., Netherlands Brain Bank, Blom, A. M., & Wennström, M. (2019). A Potential Role for α -Amylase in Amyloid- β -Induced Astrocytic Glycogenolysis and Activation. *Journal of Alzheimer's Disease*, *68*(1), 205–217. <https://doi.org/10.3233/JAD-180997>
- Byman, E., Schultz, N., Netherlands Brain Bank, Fex, M., & Wennström, M. (2018). Brain alpha-amylase: A novel energy regulator important in Alzheimer disease?: Alpha-amylase, novel energy regulator in brain? *Brain Pathology*. <https://doi.org/10.1111/bpa.12597>
- Dekker, A. D., Vermeiren, Y., Carmona-Iragui, M., Benejam, B., Videla, L., Gelpi, E., Aerts, T., Van Dam, D., Fernández, S., Lleó, A., Videla, S., Sieben, A., Martin, J.-J., Netherlands Brain Bank, Blesa, R., Fortea, J., & De Deyn, P. P. (2018). Monoaminergic impairment in Down syndrome with Alzheimer's disease compared to early-onset Alzheimer's disease. *Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring*, *10*, 99–111. <https://doi.org/10.1016/j.dadm.2017.11.001>
- 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.
- Gami-Patel, P., Dijken, I. van, Swieten, J. C. van, Pijnenburg, Y. a. L., Netherlands Brain Bank, Rozemuller, A. J. M., Hoozemans, J. J. M., & Dijkstra, A. A. (2019). Von Economo neurons are part of a larger neuronal population that are selectively vulnerable in C9orf72 frontotemporal dementia. *Neuropathology and Applied Neurobiology*, *0*(0). <https://doi.org/10.1111/nan.12558>

- Ganz, A. B., Beker, N., Hulsman, M., Sikkes, S., Netherlands Brain Bank, Scheltens, P., Smit, A. B., Rozemuller, A. J. M., Hoozemans, J. J. M., & Holstege, H. (2018). Neuropathology and cognitive performance in self-reported cognitively healthy centenarians. *Acta Neuropathologica Communications*, 6(64). <https://doi.org/10.1186/s40478-018-0558-5>
- Hepp, D. H., Vergoossen, D. L. E., Huisman, E., Lemstra, A. W., Netherlands Brain Bank, Berendse, H. W., Rozemuller, A. J., Foncke, E. M. 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>
- Krudop, W. A., Bosman, S., Geurts, J. J., Sikkes, S. A., Verwey, N. A., Stek, M. L., Scheltens, P., Rozemuller, A. J., Pijnenburg, Y. A., & 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.
- Laarman, M. D., Vermunt, M. W., Kleinloog, R., de Boer-Bergsma, J. J., Netherlands Brain Bank, Rinkel, G. J. E., Creyghton, M. P., Mokry, M., Bakkers, J., & Ruigrok, Y. M. (2018). Intracranial Aneurysm–Associated Single-Nucleotide Polymorphisms Alter Regulatory DNA in the Human Circle of Willis. *Stroke*, 49(2), 447–453. <https://doi.org/10.1161/strokeaha.117.018557>
- Laarman Melanie D., Geeven Geert, Barnett Phil, Netherlands Brain Bank, Rinkel Gabriël J. E., de Laat Wouter, Ruigrok Ynte M., & Bakkers Jeroen. (2019). Chromatin Conformation Links Putative Enhancers in Intracranial Aneurysm–Associated Regions to Potential Candidate Genes. *Journal of the American Heart Association*, 8(9), e011201. <https://doi.org/10.1161/JAHA.118.011201>
- Nielsen, H. M., Ek, D., Avdic, U., Orbjörn, C., Hansson, O., Netherlands Brain Bank, Veerhuis, R., Rozemuller, A. J. M., Brun, A., Minthon, L., & 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>
- Niklasson, B., Lindquist, L., Klitz, W., Bank, N. B., & Englund, E. (2020). Picornavirus Identified in Alzheimer’s Disease Brains: A Pathogenic Path? *Journal of Alzheimer’s Disease Reports*, 4(1), 141–146. <https://doi.org/10.3233/ADR-200174>
- Scarioni, M., Gami-Patel, P., Timar, Y., Seelaar, H., Swieten, J. C. van, Rozemuller, A. J. M., Dols, A., Scarpini, E., Galimberti, D., Netherlands Brain Bank, Hoozemans, J. J. M., Pijnenburg, Y. A. L., & Dijkstra, A. A. (2020). Frontotemporal Dementia: Correlations Between Psychiatric Symptoms and Pathology. *Annals of Neurology*, 87(6), 950–961. <https://doi.org/10.1002/ana.25739>
- Schottlaender, L. V., Houlden, H., & Multiple-System Atrophy (MSA) Brain Bank Collaboration. (2014). Mutant COQ2 in Multiple-System Atrophy. *New England Journal of Medicine*, 371(1), 80–83. <https://doi.org/10.1056/NEJMc1311763>
- Schultz, N., Brännström, K., Byman, E., Moussaud, S., Nielsen, H. M., The Netherlands Brain Bank, Olofsson, A., & Wennström, M. (2018). Amyloid-beta 1-40 is associated with alterations in NG2+ pericyte population ex vivo and in vitro. *Ageing Cell*, 17(3), e12728. <https://doi.org/10.1111/accel.12728>
- Schultz, N., Byman, E., Netherlands Brain Bank, & Wennström, M. (2018). Levels of retinal IAPP are altered in Alzheimer’s disease patients and correlate with vascular changes and hippocampal IAPP levels. *Neurobiology of Aging*, 69, 94–101. <https://doi.org/10.1016/j.neurobiolaging.2018.05.003>

- Schultz, N., Byman, E., Netherlands Brain Bank, & Wennström, M. (2019). Levels of Retinal Amyloid- β Correlate with Levels of Retinal IAPP and Hippocampal Amyloid- β in Neuropathologically Evaluated Individuals. *Journal of Alzheimer's Disease: JAD*. <https://doi.org/10.3233/JAD-190868>
- Schultz, N., Byman, E., Netherlands Brain Bank, & Wennström, M. (2020). Levels of Retinal Amyloid- β Correlate with Levels of Retinal IAPP and Hippocampal Amyloid- β in Neuropathologically Evaluated Individuals. *Journal of Alzheimer's Disease: JAD*, 73(3), 1201–1209. <https://doi.org/10.3233/JAD-190868>
- Sneeboer, M. A. M., Snijders, G. J. L. J., Berdowski, W. M., Fernández-Andreu, A., Psychiatric Donor Program of the Netherlands Brain Bank (NBB-Psy), Mierlo, H. C. van, Berlekom, A. B. van, Litjens, M., Kahn, R. S., Hol, E. M., & Witte, L. D. de. (2019). Microglia in post-mortem brain tissue of patients with bipolar disorder are not immune activated. *Translational Psychiatry*, 9. <https://doi.org/10.1038/s41398-019-0490-x>
- Sneeboer, M. A. M., van der Doef, T., Litjens, M., Netherlands Brain Bank for Psychiatry, Melief, J., Hol, E. M., Kahn, R. S., & de Witte, L. D. (2020). Microglial activation in schizophrenia: Is translocator 18 kDa protein (TSPO) the right marker? *Schizophrenia Research*, 215, 167–172. <https://doi.org/10.1016/j.schres.2019.10.045>
- Snijders, G. J. L. J., Sneebouer, M. A. M., Fernández-Andreu, A., Udine, E., Psychiatric donor program of the Netherlands Brain Bank (NBB-Psy), Boks, M. P., Ormel, P. R., van Berlekom, A. B., van Mierlo, H. C., Böttcher, C., Priller, J., Raj, T., Hol, E. M., Kahn, R. S., & de Witte, L. D. (2020). Distinct non-inflammatory signature of microglia in post-mortem brain tissue of patients with major depressive disorder. *Molecular Psychiatry*. <https://doi.org/10.1038/s41380-020-00896-z>
- Tiepol, S., Schäfer, A., Rullmann, M., Roggenhofer, E., Netherlands Brain Bank, Gertz, H.-J., Schroeter, M. L., Patt, M., Bazin, P.-L., Jochimsen, T. H., Turner, R., Sabri, O., & Barthel, H. (2018). Quantitative Susceptibility Mapping of Amyloid- β Aggregates in Alzheimer's Disease with 7T MR. *Journal of Alzheimer's Disease*, 64(2), 393–404. <https://doi.org/10.3233/JAD-180118>
- van der Lee, S. J., Conway, O. J., Jansen, I., Carrasquillo, M. M., Kleinedam, L., van den Akker, E., Hernández, I., van Eijk, K. R., Stringa, N., Chen, J. A., Zettergren, A., Andlauer, T. F. M., Diez-Fairen, M., Simon-Sanchez, J., Lleó, A., Zetterberg, H., Nygaard, M., Blauwendraat, C., Savage, J. E., ... The GIFT (Genetic Investigation in Frontotemporal Dementia and Alzheimer's Disease) Study Group. (2019). A nonsynonymous mutation in PLCG2 reduces the risk of Alzheimer's disease, dementia with Lewy bodies and frontotemporal dementia, and increases the likelihood of longevity. *Acta Neuropathologica*, 138(2), 237–250. <https://doi.org/10.1007/s00401-019-02026-8>
- van der Lee, S. J., Conway, O. J., Jansen, I., Carrasquillo, M. M., Kleinedam, L., van den Akker, E., Hernández, I., van Eijk, K. R., Stringa, N., Chen, J. A., Zettergren, A., Andlauer, T. F. M., Diez-Fairen, M., Simon-Sanchez, J., Lleó, A., Zetterberg, H., Nygaard, M., Blauwendraat, C., Savage, J. E., ... The GIFT (Genetic Investigation in Frontotemporal Dementia and Alzheimer's Disease) Study Group. (2020). Correction to: A nonsynonymous mutation in PLCG2 reduces the risk of Alzheimer's disease, dementia with Lewy bodies and frontotemporal dementia, and increases the likelihood of longevity. *Acta Neuropathologica*, 139(5), 959–962. <https://doi.org/10.1007/s00401-019-02107-8>
- van Rooij, J. G. J., Meeter, L. H. H., Melhem, S., Nijholt, D. A. T., Wong, T. H., Netherlands Brain Bank, Rozemuller, A., Uitterlinden, A. G., van Meurs, J. G., & van Swieten, J. C. (2019). Hippocampal transcriptome profiling combined with protein-protein interaction analysis elucidates Alzheimer's

- disease pathways and genes. *Neurobiology of Aging*, 74, 225–233.
<https://doi.org/10.1016/j.neurobiolaging.2018.10.023>
- van Rooij, J., Mol, M. O., Melhem, S., van der Wal, P., Arp, P., Paron, F., Donker Kaat, L., Seelaar, H., Netherlands Brain Bank, Miedema, S. S. M., Oshima, T., Eggen, B. J. L., Uitterlinden, A., van Meurs, J., van Kesteren, R. E., Smit, A. B., Buratti, E., & van Swieten, J. C. (2020). Somatic TARDBP variants as a cause of semantic dementia. *Brain*, 143(12), 3827–3841.
<https://doi.org/10.1093/brain/awaa317>
- Vergouw, L. J., Geut, H., Breedveld, G., Kuipers, D. J., Quadri, M., Netherlands Brain Bank, Rozemuller, A. J., van Swieten, J. C., de Jong, F. J., & van de Berg, W. D. (2020). Clinical and Pathological Phenotypes of LRP10 Variant Carriers with Dementia. *Journal of Alzheimer's Disease, Preprint*, 1–10.
- Vergouw, L. J. M., Marler, L. P., Van, W. de B., Rozemuller, A. J. M., De, F. J., & Netherlands Brain Bank. (2019). Dementia With Lewy Bodies: A Clinicopathologic Series of False-positive Cases. *Alzheimer Disease and Associated Disorders*. <https://doi.org/10.1097/WAD.0000000000000308>
- Vergouw, L. J., Marler, L. P., Van De Berg, W. D., Rozemuller, A. J., De Jong, F. J., & Netherlands Brain Bank. (2020). Dementia with lewy bodies: A clinicopathologic series of false-positive cases. *Alzheimer Disease & Associated Disorders*, 34(2), 178–182.
- Vermunt, M. W., Reinink, P., Korving, J., de Bruijn, E., Creyghton, P. M., Basak, O., Geeven, G., Toonen, P. W., Lansu, N., Meunier, C., van Heesch, S., Netherlands Brain Bank, Clevers, H., de Laat, W., Cuppen, E., & Creyghton, M. P. (2014). Large-Scale Identification of Coregulated Enhancer Networks in the Adult Human Brain. *Cell Reports*, 9(2), 767–779.
<https://doi.org/10.1016/j.celrep.2014.09.023>
- Vermunt, M. W., Tan, S. C., Castelijn, B., Geeven, G., Reinink, P., de Bruijn, E., Kondova, I., Persengiev, S., Netherlands Brain Bank, Bontrop, R., Cuppen, E., de Laat, W., & 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., Hukema, R. K., Seelaar, H., Frick, P., Severijnen, L.-A., Lammers, G.-J., Lebbink, J. H. G., van Duinen, S. G., Kamphorst, W., Rozemuller, A. J., Netherlands Brain Bank, Bakker, B. E., The International Parkinsonism Genetics Network, Neumann, M., ... 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>
- Wong, T. H., Pottier, C., Hondius, D. C., Meeter, L. H. H., van Rooij, J. G. J., Melhem, S., Netherlands Brain Bank, van Minkelen, R., van Duijn, C. M., Rozemuller, A. J. M., Seelaar, H., Rademakers, R., & van Swieten, J. C. (2018). Three VCP Mutations in Patients with Frontotemporal Dementia. *Journal of Alzheimer's Disease*, 65(4), 1139–1146. <https://doi.org/10.3233/JAD-180301>

Full publication list

The following list contains publications from 2013 to 2020 that were realized through the use of NBB tissue. The NBB is acknowledged in these articles, but is not included as a co-author.

- Aarum, J., Cabrera, C. P., Jones, T. A., Rajendran, S., Adiutori, R., Giovannoni, G., Barnes, M. R., Malaspina, A., & Sheer, D. (2019). Enzymatic degradation of RNA causes widespread protein aggregation in cell and tissue lysates. *BioRxiv*, 841577. <https://doi.org/10.1101/841577>
- Aarum, J., Cabrera, C. P., Jones, T. A., Rajendran, S., Adiutori, R., Giovannoni, G., Barnes, M. R., Malaspina, A., & Sheer, D. (2020). Enzymatic degradation of RNA causes widespread protein aggregation in cell and tissue lysates. *EMBO Reports*, 21(10). <https://doi.org/10.15252/embr.201949585>
- Aberg, K. A., Dean, B., Shabalin, A. A., Chan, R. F., Han, L. K. M., Zhao, M., van Grootheest, G., Xie, L. Y., Milaneschi, Y., Clark, S. L., Turecki, G., Penninx, B. W. J. H., & van den Oord, E. J. C. G. (2018). Methylome-wide association findings for major depressive disorder overlap in blood and brain and replicate in independent brain samples. *Molecular Psychiatry*. <https://doi.org/10.1038/s41380-018-0247-6>
- Aberg, K. A., Dean, B., Shabalin, A. A., Chan, R. F., Han, L. K. M., Zhao, M., van Grootheest, G., Xie, L. Y., Milaneschi, Y., Clark, S. L., Turecki, G., Penninx, B. W. J. H., & van den Oord, E. J. C. G. (2020). Methylome-wide association findings for major depressive disorder overlap in blood and brain and replicate in independent brain samples. *Molecular Psychiatry*, 25(6), 1344–1354. <https://doi.org/10.1038/s41380-018-0247-6>
- 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., Benayoun, L., Tilton, K., Chavez, O. R., Himali, J. J., Blusztajn, J. K., Seshadri, S., & 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., Benayoun, L., Tilton, K., Mellott, T. J., Seshadri, S., Blusztajn, J. K., & Delalle, I. (2018). Immunohistochemical Analysis of Activin Receptor-Like Kinase 1 (ACVRL1/ALK1) Expression in the Rat and Human Hippocampus: Decline in CA3 During Progression of Alzheimer's Disease. *Journal of Alzheimer's Disease*, 63(4), 1433–1443. <https://doi.org/10.3233/JAD-171065>
- 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>
- Adav, S. S., Park, J. E., & Sze, S. K. (2019). Quantitative profiling brain proteomes revealed mitochondrial dysfunction in Alzheimer's disease. *Molecular Brain*, 12(1), 8. <https://doi.org/10.1186/s13041-019-0430-y>
- Ádori, C., Glück, L., Barde, S., Yoshitake, T., Kovacs, G. G., Mulder, J., Maglóczy, Z., Havas, L., Bölcskei, K., & 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., Chance, S. A., & 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>
- Adorjan, I., Sun, B., Feher, V., Tyler, T., Veres, D., Chance, S. A., & Szele, F. G. (2020). Evidence for Decreased Density of Calretinin-Immunopositive Neurons in the Caudate Nucleus in Patients With Schizophrenia. *Frontiers in Neuroanatomy*, *14*. <https://doi.org/10.3389/fnana.2020.581685>
- Adorjan, I., Tyler, T., Bhaduri, A., Demharter, S., Finszter, C. K., Bako, M., Sebok, O. M., Nowakowski, T. J., Khodosevich, K., Møllgård, K., Kriegstein, A. R., Shi, L., Hoerder-Suabedissen, A., Ansorge, O., & Molnár, Z. (2019). Neuroserpin expression during human brain development and in adult brain revealed by immunohistochemistry and single cell RNA sequencing. *Journal of Anatomy*, *235*(3), 543–554. <https://doi.org/10.1111/joa.12931>
- Aguila, J., Cheng, S., Kee, N., Cao, M., Deng, Q., & Hedlund, E. (2018). *Spatial transcriptomics and in silico random pooling identify novel dopamine neuron subtype markers*. <https://doi.org/10.1101/334417>
- Aguila, J., Cheng, S., Kee, N., Cao, M., Deng, Q., & Hedlund, E. (2019). Spatial transcriptomics identifies novel markers of vulnerable and resistant midbrain dopamine neurons. *BioRxiv*, 334417. <https://doi.org/10.1101/334417>
- Al-Izki, S., Pryce, G., Hankey, D. J. R., Lidster, K., von Kutzleben, S. M., Browne, L., Clutterbuck, L., Posada, C., Edith Chan, A. W., Amor, S., Perkins, V., Gerritsen, W. H., Ummenthum, K., Peferoen-Baert, R., van der Valk, P., Montoya, A., Joel, S. P., Garthwaite, J., Giovannoni, G., ... 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>
- Alkemade, A., de Hollander, G., Miletic, S., Keuken, M. C., Balesar, R., de Boer, O., Swaab, D. F., & Forstmann, B. U. (2019). The functional microscopic neuroanatomy of the human subthalamic nucleus. *Brain Structure and Function*, *224*(9), 3213–3227. <https://doi.org/10.1007/s00429-019-01960-3>
- Allodi, I., Comley, L., Nichterwitz, S., Nizzardo, M., Simone, C., Benitez, J. A., Cao, M., Corti, S., & 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>
- Allodi, I., Nijssen, J., Aguila Benitez, J. C., Bonvicini, G., Cao, M., & Hedlund, E. (2018). *Modeling motor neuron resilience in ALS using stem cells*. <https://doi.org/10.1101/399659>
- Allodi, I., Nijssen, J., Benitez, J. A., Schweingruber, C., Fuchs, A., Bonvicini, G., Cao, M., Kiehn, O., & Hedlund, E. (2019). Modeling Motor Neuron Resilience in ALS Using Stem Cells. *Stem Cell Reports*, *12*(6), 1329–1341. <https://doi.org/10.1016/j.stemcr.2019.04.009>
- 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>
- Alonso, R., Fernández-Fernández, A. M., Pisa, D., & Carrasco, L. (2018). Multiple sclerosis and mixed microbial infections. Direct identification of fungi and bacteria in nervous tissue. *Neurobiology of Disease*, *117*, 42–61. <https://doi.org/10.1016/j.nbd.2018.05.022>

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- Alsema, A. M., Jiang, Q., Kracht, L., Gerrits, E., Dubbelaar, M. L., Miedema, A., Brouwer, N., Hol, E. M., Middeldorp, J., van Dijk, R., Woodbury, M., Wachter, A., Xi, S., Möller, T., Biber, K. P., Kooistra, S. M., Boddeke, E. W. G. M., & Eggen, B. J. L. (2020). Profiling Microglia From Alzheimer's Disease Donors and Non-demented Elderly in Acute Human Postmortem Cortical Tissue. *Frontiers in Molecular Neuroscience*, *13*. <https://doi.org/10.3389/fnmol.2020.00134>
- Anand, P., Yiangou, Y., Anand, U., Mukerji, G., Sinisi, M., Fox, M., Mcquillan, A., Quick, T., Korchev, Y. E., & 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>
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