

All publications in 2017

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.

- 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>
- 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>
- 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>
- 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>
- Barbash, S., Simchovitz, A., Buchman, A. S., Bennett, D. A., Shifman, S., & Soreq, H. (2017). Neuronal-expressed microRNA-targeted pseudogenes compete with coding genes in the human brain. *Translational Psychiatry*, *7*(8), e1199. <https://doi.org/10.1038/tp.2017.163>
- Barbash, Shahr, Garfinkel, B. P., Maoz, R., Simchovitz, A., Nadorp, B., Guffanti, A., ... Soreq, H. (2017). Alzheimer's brains show inter-related changes in RNA and lipid metabolism. *Neurobiology of Disease*, *106*, 1–13. <https://doi.org/10.1016/j.nbd.2017.06.008>
- Beaino, W., Janssen, B., Kooij, G., van der Pol, S. M. A., van Het Hof, B., van Horsen, J., ... de Vries, H. E. (2017). Purinergic receptors P2Y12R and P2X7R: Potential targets for PET imaging of microglia phenotypes in multiple sclerosis. *Journal of Neuroinflammation*, *14*(1), 259. <https://doi.org/10.1186/s12974-017-1034-z>
- Bekenstein, U., Mishra, N., Milikovsky, D. Z., Hanin, G., Zelig, D., Sheintuch, L., ... Soreq, H. (2017). Dynamic changes in murine forebrain miR-211 expression associate with cholinergic imbalances and epileptiform activity. *Proceedings of the National Academy of Sciences*, *114*(25), E4996–E5005. <https://doi.org/10.1073/pnas.1701201114>
- Bennis, A., Brink, J. B. ten, Moerland, P. D., Heine, V. M., & Bergen, A. A. (2017). Comparative gene expression study and pathway analysis of the human iris- and the retinal pigment epithelium. *PLOS ONE*, *12*(8), e0182983. <https://doi.org/10.1371/journal.pone.0182983>
- Bertin, N., Mendez, M., Hasegawa, A., Lizio, M., Abugessaisa, I., Severin, J., ... Plessy, C. (2017). Linking FANTOM5 CAGE peaks to annotations with CAGEscan. *Scientific Data*, *4*, 170147. <https://doi.org/10.1038/sdata.2017.147>

Publications 2017

- Bogie, J. F. J., Maillieux, J., Wouters, E., Jorissen, W., Grajchen, E., Vanmol, J., ... Hendriks, J. J. A. (2017). Scavenger receptor collectin placenta 1 is a novel receptor involved in the uptake of myelin by phagocytes. *Scientific Reports*, 7, 44794. <https://doi.org/10.1038/srep44794>
- Bossoni, L., Moursel, L. G., Bulk, M., Simon, B. G., Webb, A., van der Weerd, L., ... Oosterkamp, T. H. (2017). Human brain ferritin studied by muon Spin Rotation: A pilot study. *Journal of Physics: Condensed Matter*, 29(41), 415801. <https://doi.org/10.1088/1361-648X/aa80b3>
- Bozek, K., Khrameeva, E. E., Reznick, J., Omerbašić, D., Bennett, N. C., Lewin, G. R., ... Khaitovich, P. (2017). Lipidome determinants of maximal lifespan in mammals. *Scientific Reports*, 7(1), 5. <https://doi.org/10.1038/s41598-017-00037-7>
- Cabrera, J. R., & Lucas, J. J. (2017). MAP2 Splicing is Altered in Huntington's Disease: MAP2 Splicing is Altered in HD. *Brain Pathology*, 27(2), 181–189. <https://doi.org/10.1111/bpa.12387>
- Chelban, V., Manole, A., Pihlstrøm, L., Schottlaender, L., Efthymiou, S., O'Connor, E., ... Houlden, H. (2017). Analysis of the prion protein gene in multiple system atrophy. *Neurobiology of Aging*, 49, 216.e15-216.e18. <https://doi.org/10.1016/j.neurobiolaging.2016.09.021>
- Chen, Y., Zhen, W., Guo, T., Zhao, Y., Liu, A., Rubio, J. P., ... Wang, R. (2017). Histamine Receptor 3 negatively regulates oligodendrocyte differentiation and remyelination. *PLOS ONE*, 12(12), e0189380. <https://doi.org/10.1371/journal.pone.0189380>
- Chiu, W. Z., Donker Kaat, L., Boon, A. J. W., Kamphorst, W., Schleicher, A., Zilles, K., ... Palomero-Gallagher, N. (2017). Multireceptor fingerprints in progressive supranuclear palsy. *Alzheimer's Research & Therapy*, 9(1), 28. <https://doi.org/10.1186/s13195-017-0259-5>
- Choi, J. L., Kao, P. F., Itriago, E., Zhan, Y., Kozubek, J. A., Hoss, A. G., ... Delalle, I. (2017). MiR-149 and miR-29c as candidates for bipolar disorder biomarkers. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, 174(3), 315–323. <https://doi.org/10.1002/ajmg.b.32518>
- Dai, D., Li, Q. C., Zhu, Q. B., Hu, S. H., Balesar, R., Swaab, D., & Bao, A. M. (2017). Direct Involvement of Androgen Receptor in Oxytocin Gene Expression: Possible Relevance for Mood Disorders. *Neuropsychopharmacology : Official Publication of the American College of Neuropsychopharmacology*, 42(10), 2064–2071. <https://doi.org/10.1038/npp.2017.76>
- de Wit, N. M., Snkhchyan, H., den Hoedt, S., Wattimena, D., de Vos, R., Mulder, M. T., ... de Vries, H. E. (2017). Altered Sphingolipid Balance in Capillary Cerebral Amyloid Angiopathy. *Journal of Alzheimer's Disease*, 60(3), 795–807. <https://doi.org/10.3233/JAD-160551>
- Demuyser, T., Deneyer, L., Bentea, E., Albertini, G., Femenia, T., Walrave, L., ... Smolders, I. (2017). Slc7a11 (xCT) protein expression is not altered in the depressed brain and system xc- deficiency does not affect depression-associated behaviour in the corticosterone mouse model. *The World Journal of Biological Psychiatry*, 0(0), 1–12. <https://doi.org/10.1080/15622975.2017.1371332>
- Doorenweerd, N., Mahfouz, A., Putten, M. van, Kaliyaperumal, R., Hoen, P. A. C. t', Hendriksen, J. G. M., ... Lelieveldt, B. P. F. (2017). Timing and localization of human dystrophin isoform expression provide insights into the cognitive phenotype of Duchenne muscular dystrophy. *Scientific Reports*, 7(1), 12575. <https://doi.org/10.1038/s41598-017-12981-5>

Publications 2017

- Doshina, A., Gourgue, F., Onizuka, M., Opsomer, R., Wang, P., Ando, K., ... Pierrot, N. (2017). Cortical cells reveal APP as a new player in the regulation of GABAergic neurotransmission. *Scientific Reports*, 7(1), 370. <https://doi.org/10.1038/s41598-017-00325-2>
- Duran-Aniotz, C., Cornejo, V. H., Espinoza, S., Ardiles, Á. O., Medinas, D. B., Salazar, C., ... Hetz, C. (2017). IRE1 signaling exacerbates Alzheimer's disease pathogenesis. *Acta Neuropathologica*, 134(3), 489–506. <https://doi.org/10.1007/s00401-017-1694-x>
- Dzamko, N., Gysbers, A. M., Bandopadhyay, R., Bolliger, M. F., Uchino, A., Zhao, Y., ... Halliday, G. M. (2017). LRRK2 levels and phosphorylation in Parkinson's disease brain and cases with restricted Lewy bodies: Lrrk2 In The PD Brain. *Movement Disorders*, 32(3), 423–432. <https://doi.org/10.1002/mds.26892>
- Elnagar, M. R., Walls, A. B., Helal, G. K., Hamada, F. M., Thomsen, M. S., & Jensen, A. A. (2017). Probing the putative $\alpha 7$ nAChR/NMDAR complex in human and murine cortex and hippocampus: Different degrees of complex formation in healthy and Alzheimer brain tissue. *PLOS ONE*, 12(12), e0189513. <https://doi.org/10.1371/journal.pone.0189513>
- Fang, X., Sun, D., Wang, Z., Yu, Z., Liu, W., Pu, Y., ... Cao, L. (2017). MiR-30a Positively Regulates the Inflammatory Response of Microglia in Experimental Autoimmune Encephalomyelitis. *Neuroscience Bulletin*, 33(6), 603–615. <https://doi.org/10.1007/s12264-017-0153-y>
- Fathy, Y. Y., de Jong, F. J., van Dam, A.-M., Rozemuller, A. J. M., & van de Berg, W. D. J. (2017). *Insular cortex sub-region-dependent distribution pattern of α -synuclein immunoreactivity in Parkinson's disease and dementia with Lewy bodies*. <https://doi.org/10.1101/156984>
- Frenkel-Pinter, M., Shmueli, M. D., Raz, C., Yanku, M., Zilberzwige, S., Gazit, E., & Segal, D. (2017). Interplay between protein glycosylation pathways in Alzheimer's disease. *Science Advances*, 3(9), e1601576. <https://doi.org/10.1126/sciadv.1601576>
- Fu, W., Vukojevic, V., Patel, A., Soudy, R., MacTavish, D., Westaway, D., ... Jhamandas, J. (2017). Role of microglial amylin receptors in mediating beta amyloid ($A\beta$)-induced inflammation. *Journal of Neuroinflammation*, 14(1), 199. <https://doi.org/10.1186/s12974-017-0972-9>
- Galatro, T. F., Holtman, I. R., Lerario, A. M., Vainchtein, I. D., Brouwer, N., Sola, P. R., ... Eggen, B. J. L. (2017). Transcriptomic analysis of purified human cortical microglia reveals age-associated changes. *Nature Neuroscience*, 20, 1162.
- Gellhaar, S., Sunnemark, D., Eriksson, H., Olson, L., & Galter, D. (2017). Myeloperoxidase-immunoreactive cells are significantly increased in brain areas affected by neurodegeneration in Parkinson's and Alzheimer's disease. *Cell and Tissue Research*, 369(3), 445–454. <https://doi.org/10.1007/s00441-017-2626-8>
- Ghanbari, M., Erkeland, S. J., Xu, L., Colijn, J. M., Franco, O. H., Dehghan, A., ... Meester-Smoor, M. A. (2017). Genetic variants in microRNAs and their binding sites within gene 3'UTRs associate with susceptibility to age-related macular degeneration: GHANBARI et al. *Human Mutation*, 38(7), 827–838. <https://doi.org/10.1002/humu.23226>
- Ginneken, V van, Verheij, E., Hekman, M., & der Greef, J. van. (2017). Characterization of the lipid profile post mortem for Type-2 diabetes in human brain and plasma of the elderly with LCMS-techniques: A

Publications 2017

- descriptive approach of diabetic encephalopathy. *Integrative Molecular Medicine*, 4(2).
<https://doi.org/10.15761/IMM.1000278>
- Ginneken, Vincent van. (2017). Are there any Biomarkers of Aging? Biomarkers of the Brain. *Biomedical Journal of Scientific & Technical Research*, 1(1). <https://doi.org/10.26717/BJSTR.2017.01.000151>
- Ginneken, Vincent van, Meerveld, A. van, Verheij, E., & der Greef, J. van. (2017). On the Futile Existence of DHA, None of EPA and the Predominant Role of the Triacylglycerols (TGs) in the Post Mortem Human Brain: An LCMS Study with Evolutionary Implications. *Journal of Bioanalysis & Biomedicine*, 09(03). <https://doi.org/10.4172/1948-593X.1000170>
- Ginneken, Vincent van, Vries, E. de, E. V., & der Greef, J. van. (2017). Type 3 Diabetes Reflects Disordered Lipid Metabolism in the Human Brain Related to Higher Degree of Unsaturated Fatty Acids Composition and is not Related to Body Mass Index. *Journal of Bioanalysis & Biomedicine*, 09(03). <https://doi.org/10.4172/1948-593X.1000171>
- Hendrickx, D. A. E., van Scheppingen, J., van der Poel, M., Bossers, K., Schuurman, K. G., van Eden, C. G., ... Huitinga, I. (2017). Gene Expression Profiling of Multiple Sclerosis Pathology Identifies Early Patterns of Demyelination Surrounding Chronic Active Lesions. *Frontiers in Immunology*, 8. <https://doi.org/10.3389/fimmu.2017.01810>
- Hernández, I. H., Torres-Peraza, J., Santos-Galindo, M., Ramos-Morón, E., Fernández-Fernández, M. R., Pérez-Álvarez, M. J., ... Lucas, J. J. (2017). The neuroprotective transcription factor ATF5 is decreased and sequestered into polyglutamine inclusions in Huntington's disease. *Acta Neuropathologica*, 134(6), 839–850. <https://doi.org/10.1007/s00401-017-1770-2>
- Holtman Inge R., Bsibsi Malika, Gerritsen Wouter H., Boddeke Hendrikus W. G. M., Eggen Bart J. L., van der Valk Paul, ... Amor Sandra. (2017). Identification of highly connected hub genes in the protective response program of human macrophages and microglia activated by alpha B-crystallin. *Glia*, 65(3), 460–473. <https://doi.org/10.1002/glia.23104>
- Hon, C.-C., Ramilowski, J. A., Harshbarger, J., Bertin, N., Rackham, O. J. L., Gough, J., ... Forrest, A. R. R. (2017). An atlas of human long non-coding RNAs with accurate 5' ends. *Nature*, 543(7644), 199–204. <https://doi.org/10.1038/nature21374>
- Jun, G. R., Chung, J., Mez, J., Barber, R., Beecham, G. W., Bennett, D. A., ... Farrer, L. A. (2017). Transethnic genome-wide scan identifies novel Alzheimer's disease loci. *Alzheimer's & Dementia*, 13(7), 727–738. <https://doi.org/10.1016/j.jalz.2016.12.012>
- Kannan, P., Schain, M., Kretschmar, W. W., Weidner, L., Mitsios, N., Gulyás, B., ... Mulder, J. (2017). An automated method measures variability in P-glycoprotein and ABCG2 densities across brain regions and brain matter. *Journal of Cerebral Blood Flow & Metabolism*, 37(6), 2062–2075. <https://doi.org/10.1177/0271678X16660984>
- Kim, N.-Y., Cho, M.-H., Won, S.-H., Kang, H.-J., Yoon, S.-Y., & Kim, D.-H. (2017). Sorting nexin-4 regulates β -amyloid production by modulating β -site-activating cleavage enzyme-1. *Alzheimer's Research & Therapy*, 9(1), 4. <https://doi.org/10.1186/s13195-016-0232-8>
- Koopman, A. C. M., Taziaux, M., & Bakker, J. (2017). Age-related changes in the morphology of tanycytes in the human female infundibular nucleus/median eminence. *Journal of Neuroendocrinology*, 29(5). <https://doi.org/10.1111/jne.12467>

Publications 2017

- Kovács, T., Billes, V., Komlós, M., Hotzi, B., Manzóger, A., Tarnóci, A., ... Vellai, T. (2017). The small molecule AUTEN-99 (autophagy enhancer-99) prevents the progression of neurodegenerative symptoms. *Scientific Reports*, 7, 42014. <https://doi.org/10.1038/srep42014>
- Lemoine, L., Gillberg, P.-G., Svedberg, M., Stepanov, V., Jia, Z., Huang, J., ... Nordberg, A. (2017). Comparative binding properties of the tau PET tracers THK5117, THK5351, PBB3, and T807 in postmortem Alzheimer brains. *Alzheimer's Research & Therapy*, 9(1), 96. <https://doi.org/10.1186/s13195-017-0325-z>
- Lu, J., Zhao, J., Balesar, R., Fronczek, R., Zhu, Q.-B., Wu, X.-Y., ... Swaab, D. F. (2017). Sexually Dimorphic Changes of Hypocretin (Orexin) in Depression. *EBioMedicine*, 18, 311–319. <https://doi.org/10.1016/j.ebiom.2017.03.043>
- Michailidou, I., Naessens, D. M. P., Hametner, S., Guldenaar, W., Kooi, E.-J., Geurts, J. J. G., ... Ramaglia, V. (2017). Complement C3 on microglial clusters in multiple sclerosis occur in chronic but not acute disease: Implication for disease pathogenesis: Complement C3 and Microglial Clusters in MS. *Glia*, 65(2), 264–277. <https://doi.org/10.1002/glia.23090>
- Mitterreiter, J. G., Ouwendijk, W. J. D., van Velzen, M., van Nierop, G. P., Osterhaus, A. D. M. E., & Verjans, G. M. G. M. (2017). Satellite glial cells in human trigeminal ganglia have a broad expression of functional Toll-like receptors. *European Journal of Immunology*, 47(7), 1181–1187. <https://doi.org/10.1002/eji.201746989>
- Ni, R., Gillberg, P.-G., Bogdanovic, N., Viitanen, M., Myllykangas, L., Nennesmo, I., ... Nordberg, A. (2017). Amyloid tracers binding sites in autosomal dominant and sporadic Alzheimer's disease. *Alzheimer's & Dementia: The Journal of the Alzheimer's Association*, 13(4), 419–430. <https://doi.org/10.1016/j.jalz.2016.08.006>
- Nierop, G. P. van, Luijn, M. M. van, Michels, S. S., Melief, M.-J., Janssen, M., Langerak, A. W., ... Verjans, G. M. G. M. (2017). Phenotypic and functional characterization of T cells in white matter lesions of multiple sclerosis patients. *Acta Neuropathologica*, 134(3), 383–401. <https://doi.org/10.1007/s00401-017-1744-4>
- Pascual, G., Wadia, J. S., Zhu, X., Keogh, E., Kükre, B., van Ameijde, J., ... Goudsmit, J. (2017). Immunological memory to hyperphosphorylated tau in asymptomatic individuals. *Acta Neuropathologica*, 133(5), 767–783. <https://doi.org/10.1007/s00401-017-1705-y>
- Pinner, E., Gruper, Y., Ben Zimra, M., Kristt, D., Laudon, M., Naor, D., & Zisapel, N. (2017). CD44 Splice Variants as Potential Players in Alzheimer's Disease Pathology. *Journal of Alzheimer's Disease*, 58(4), 1137–1149. <https://doi.org/10.3233/JAD-161245>
- Piston, D., Alvarez-Erviti, L., Bansal, V., Gargano, D., Yao, Z., Szabadkai, G., ... Gegg, M. E. (2017). DJ-1 is a redox sensitive adapter protein for high molecular weight complexes involved in regulation of catecholamine homeostasis. *Human Molecular Genetics*, 26(20), 4028–4041. <https://doi.org/10.1093/hmg/ddx294>
- Pollok, K., Mothes, R., Ulbricht, C., Liebheit, A., Gerken, J. D., Uhlmann, S., ... Hauser, A. E. (2017). The chronically inflamed central nervous system provides niches for long-lived plasma cells. *Acta Neuropathologica Communications*, 5(1), 88. <https://doi.org/10.1186/s40478-017-0487-8>

Publications 2017

- Ran, C., Wirdefeldt, K., Brodin, L., Ramezani, M., Westerlund, M., Xiang, F., ... Belin, A. C. (2017). Genetic Variations and mRNA Expression of NRF2 in Parkinson's Disease [Research article]. Retrieved November 5, 2018, from Parkinson's Disease website:
<https://www.hindawi.com/journals/pd/2017/4020198/abs/>
- Rydbirk, R., Elfving, B., Andersen, M. D., Langbøl, M. A., Folke, J., Winge, K., ... Aznar, S. (2017). Cytokine profiling in the prefrontal cortex of Parkinson's Disease and Multiple System Atrophy patients. *Neurobiology of Disease*, 106, 269–278. <https://doi.org/10.1016/j.nbd.2017.07.014>
- Saal, K.-A., Galter, D., Roeber, S., Bähr, M., Tönges, L., & Lingor, P. (2017). Altered Expression of Growth Associated Protein-43 and Rho Kinase in Human Patients with Parkinson's Disease. *Brain Pathology*, 27(1), 13–25. <https://doi.org/10.1111/bpa.12346>
- Schultz, N., Byman, E., Fex, M., & Wennström, M. (2017). Amylin alters human brain pericyte viability and NG2 expression. *Journal of Cerebral Blood Flow & Metabolism*, 37(4), 1470–1482. <https://doi.org/10.1177/0271678X16657093>
- Shan, L., Bao, A.-M., & Swaab, D. F. (2017). Changes in Histidine Decarboxylase, Histamine N-Methyltransferase and Histamine Receptors in Neuropsychiatric Disorders. In Y. Hattori & R. Seifert (Eds.), *Histamine and Histamine Receptors in Health and Disease* (pp. 259–276). Retrieved from https://doi.org/10.1007/164_2016_125
- Stanic, J., Mellone, M., Napolitano, F., Racca, C., Zianni, E., Minocci, D., ... Gardoni, F. (2017). Rabphilin 3A: A novel target for the treatment of levodopa-induced dyskinesias. *Neurobiology of Disease*, 108, 54–64. <https://doi.org/10.1016/j.nbd.2017.08.001>
- Stepanov, V., Svedberg, M., Jia, Z., Krasikova, R., Lemoine, L., Okamura, N., ... Halldin, C. (2017). Development of [11C]/[3H]THK-5351 – A potential novel carbon-11 tau imaging PET radioligand. *Nuclear Medicine and Biology*, 46, 50–53. <https://doi.org/10.1016/j.nucmedbio.2016.12.004>
- Strijbis, E. M. M., Kooi, E.-J., van der Valk, P., & Geurts, J. J. G. (2017). Cortical Remyelination Is Heterogeneous in Multiple Sclerosis. *Journal of Neuropathology & Experimental Neurology*, 76(5), 390–401. <https://doi.org/10.1093/jnen/nlx023>
- Sun, D., Yu, Z., Fang, X., Liu, M., Pu, Y., Shao, Q., ... He, C. (2017). LncRNA GAS5 inhibits microglial M2 polarization and exacerbates demyelination. *EMBO Reports*, 18(10), 1801–1816. <https://doi.org/10.15252/embr.201643668>
- Tasegian, A., Paciotti, S., Ceccarini, M. R., Codini, M., Moors, T., Chiasserini, D., ... Beccari, T. (2017). Origin of α -mannosidase activity in CSF. *The International Journal of Biochemistry & Cell Biology*, 87, 34–37. <https://doi.org/10.1016/j.biocel.2017.03.016>
- Van, A. E., Janssen, A. P. A., Cognetta, 3rd AB, Ogasawara, D., Shpak, G., Van, M. der K., ... Van, M. der S. (2017). Activity-based protein profiling reveals off-target proteins of the FAAH inhibitor BIA 10-2474. *Science (New York, N.Y.)*, 356(6342), 1084–1087. <https://doi.org/10.1126/science.aaf7497>
- van der Harg, J. M., Eggels, L., Bangel, F. N., Ruigrok, S. R., Zwart, R., Hoozemans, J. J. M., ... Scheper, W. (2017). Insulin deficiency results in reversible protein kinase A activation and tau phosphorylation. *Neurobiology of Disease*, 103, 163–173. <https://doi.org/10.1016/j.nbd.2017.04.005>
- van der Meer, T. P., Artacho-Cordón, F., Swaab, D. F., Struik, D., Makris, K. C., Wolffenbuttel, B. H. R., ... van Vliet-Ostaptchouk, J. V. (2017). Distribution of Non-Persistent Endocrine Disruptors in Two

Publications 2017

- Different Regions of the Human Brain. *International Journal of Environmental Research and Public Health*, 14(9), 1059. <https://doi.org/10.3390/ijerph14091059>
- van Mierlo, H. C., Wichers, C. G. K., He, Y., Sneuboer, M. A. M., Radstake, T. R. D. J., Kahn, R. S., ... de Witte, L. D. (2017). Telomere quantification in frontal and temporal brain tissue of patients with schizophrenia. *Journal of Psychiatric Research*, 95, 231–234. <https://doi.org/10.1016/j.jpsychires.2017.09.006>
- Wang, C.-W., Nan, D.-D., Wang, X.-M., Ke, Z.-J., Chen, G.-J., & Zhou, J.-N. (2017). A peptide-based near-infrared fluorescence probe for dynamic monitoring senile plaques in Alzheimer's disease mouse model. *Science Bulletin*, 62(23), 1593–1601. <https://doi.org/10.1016/j.scib.2017.11.005>
- Wei, T., Yi, M., Gu, W., Hou, L., Lu, Q., Yu, Z., & Chen, H. (2017). The Potassium Channel KCa3.1 Represents a Valid Pharmacological Target for Astroglialosis-Induced Neuronal Impairment in a Mouse Model of Alzheimer's Disease. *Frontiers in Pharmacology*, 7. <https://doi.org/10.3389/fphar.2016.00528>
- Wirths, O., Walter, S., Kraus, I., Klafki, H. W., Stazi, M., Oberstein, T. J., ... Weggen, S. (2017). N-truncated A β 4–x peptides in sporadic Alzheimer's disease cases and transgenic Alzheimer mouse models. *Alzheimer's Research & Therapy*, 9(1), 80. <https://doi.org/10.1186/s13195-017-0309-z>
- Wu, J.-L., He, Y., Hrubý, R., Balesar, R., Qi, Y.-J., Guo, L., ... Bao, A.-M. (2017). Aromatase changes in depression: A postmortem and animal experimental study. *Psychoneuroendocrinology*, 77, 56–62. <https://doi.org/10.1016/j.psyneuen.2016.11.026>
- Wu, X., Balesar, R., Lu, J., Farajnia, S., Zhu, Q., Huang, M., ... Swaab, D. F. (2017). Increased glutamic acid decarboxylase expression in the hypothalamic suprachiasmatic nucleus in depression. *Brain Structure and Function*, 222(9), 4079–4088. <https://doi.org/10.1007/s00429-017-1442-y>
- Yin, Z., Raj, D., Saiepour, N., Van Dam, D., Brouwer, N., Holtman, I. R., ... Boddeke, E. (2017). Immune hyperreactivity of A β plaque-associated microglia in Alzheimer's disease. *Neurobiology of Aging*, 55, 115–122. <https://doi.org/10.1016/j.neurobiolaging.2017.03.021>
- Yue, X., Zhang, Y., Xing, W., Chen, Y., Mu, C., Miao, Z., ... Tong, Z. (2017). A Sensitive and Rapid Method for Detecting Formaldehyde in Brain Tissues. *Analytical Cellular Pathology*, 2017, 1–8. <https://doi.org/10.1155/2017/9043134>