

Publications in 2025 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.

- Jeannelle, F., Maza, M. M. de la, Hammer, G. P., Schreiner, S., Mirault, D., Mechawar, N., **Netherlands Brain Bank**, Mittelbronn, M., & Bouvier, D. S. (2025). *GPC5 expression highlights astrocytic heterogeneity and divergent hippocampal responses in Alzheimer's and Parkinson's Dementia* (p. 2025.08.19.671074). bioRxiv. <https://doi.org/10.1101/2025.08.19.671074>
- Lorenz, L. M. C., Rohde, S. K., Luimes, M. C., Fierro-Hernández, P., Rozemuller, A. J. M., **Netherlands Brain Bank**, Hoozemans, J. J. M., Teunissen, C., & Holstege, H. (2025). In-vivo plasma biomarker concentrations correlate with postmortem AD-neuropathology in the oldest old. *Alzheimer's & Dementia*, 20(Supl 2), e090703. <https://doi.org/10.1002/alz.090703>
- Lorenz, L. M. C., Rohde, S. K., Luimes, M. C., Rozemuller, A. J. M., Bank, **Netherlands Brain Bank**, Hulsman, M., Graat, M. J. I., van der Hoorn, M. E., Daatselaar, D. A. H., Gouda, M., Hoozemans, J. J. M., Sikkes, S. A. M., Teunissen, C. E., & Holstege, H. (2025). AD-related plasma biomarkers in centenarians: Links to cognition and neuropathology. *Alzheimer's & Dementia*, 21(12), e70969. <https://doi.org/10.1002/alz.70969>
- Santiago, J., Pocevičiūtė, D., the **Netherlands Brain Bank**, & Wennström, M. (2025). Perivascular phosphorylated TDP-43 inclusions are associated with Alzheimer's disease pathology and loss of CD146 and Aquaporin-4. *Brain Pathology*, 35(2), e13304. <https://doi.org/10.1111/bpa.13304>
- Santiago, J., Pocevičiūtė, D., Vogel, the **Netherlands Brain Bank**, J., Brinkmalm, G., & Wennström, M. (2025). Retinal tau phosphorylation in Alzheimer's disease: A mass spectrometry study. *Neurobiology of Disease*, 215, 107057. <https://doi.org/10.1016/j.nbd.2025.107057>
- Vicario, R., Fragkogianni, S., Weber, L., Lazarov, T., Hu, Y., Hayashi, S. Y., Craddock, B., Socci, N. D., Alberdi, A., Baako, A., Ay, O., Ogishi, M., Lopez-Rodrigo, E., Kappagantula, R., Viale, A., Iacobuzio-Donahue, C. A., Zhou, T., Ransohoff, R. M., Chesworth, R., **Netherlands Brain Bank** ... Geissmann, F. (2025). A microglia clonal inflammatory disorder in Alzheimer's disease. *eLife*, 13, RP96519. <https://doi.org/10.7554/eLife.96519>

All publications in 2025

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.

- An, D., You, Y., Ma, Q., Xu, Z., Liu, Z., Liao, R., Chen, H., Wang, Y., Wang, Y., Dai, H., Li, H., Jiang, L., Chen, Z., & Hu, W. (2025). Deficiency of histamine H2 receptors in parvalbumin-positive neurons leads to

- hyperactivity, impulsivity, and impaired attention. *Neuron*, 0(0).
<https://doi.org/10.1016/j.neuron.2024.12.002>
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- Badina, A. M., Ceyzériat, K., Amossé, Q., Tresh, A., Abjean, L., Guénat, L., Vauthey, E., Tsartsalis, S., Millet, P., & Tournier, B. B. (2025). Non-linear microglial, inflammatory and oligodendrocyte dynamics across stages of Alzheimer's disease. *Neurobiology of Disease*, 211, 106950. <https://doi.org/10.1016/j.nbd.2025.106950>
- Barczánfalvi, G., Nyári, T., Tolnai, J., Tiszlavicz, L., Gulyás, B., & Gulya, K. (2025). Automated Segmentation and Morphometric Analysis of Thioflavin-S-Stained Amyloid Deposits in Alzheimer's Disease Brains and Age-Matched Controls Using Weakly Supervised Deep Learning. *International Journal of Molecular Sciences*, 26(15), 7134. <https://doi.org/10.3390/ijms26157134>
- Bast, L., Yao, S., Martínez-López, J. A., Memic, F., French, H., Valiukonyte, M., Karlsson, R., Wen, J., Song, J., Zhang, R., Abrantes, A., Koopmans, F., Österholm, A.-M., Rosoklija, G., Mann, J. J., Stankov, A., Trencsevska, I., Dwork, A., Stockmeier, C. A., ... Hjerling-Leffler, J. (2025). Transcriptomic and genetic analysis suggests a role for mitochondrial dysregulation in schizophrenia. *medRxiv*, 2025.03.14.25323827. <https://doi.org/10.1101/2025.03.14.25323827>
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- Blok, K. M., Klein Kranenbarg, R. A. M., Ananth, K., Engelenburg, H. J., van den Bosch, A., Giannini, L. A. A., de Beukelaar, J., Seelaar, H., Huitinga, I., Green, A., Wokke, B., Abdelhak, A., & Smolders, J. (2025). Multifaceted Biomarkers Suggest a Similar Profile of CNS Pathology in Relapsing and Progressive MS. *European Journal of Neurology*, 32(2), e70052. <https://doi.org/10.1111/ene.70052>
- Bouland, G. A., Tesi, N., Zhang, M., Ganz, A. B., Hulsman, M., Lee, S. van der, Graat, M., Rozemuller, A., Huisman, M., Schoor, N. M. van, Flier, W. M. van der, Hoozemans, J., Smit, A. B., Reinders, M. J. T., & Holstege, H. (2025). *Genetic Variants that Modulate Alzheimer's Disease Risk Deregulate Protein-Protein Correlations in the Gyrus Temporalis Medius* (p. 2025.02.11.25322052). *medRxiv*. <https://doi.org/10.1101/2025.02.11.25322052>
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