



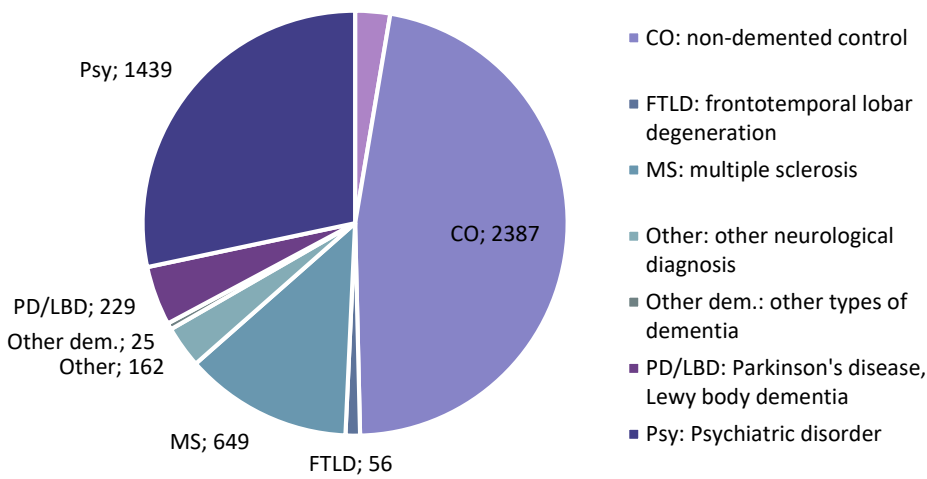
# The Netherlands Brain Bank Progress Report 2019

The Netherlands Brain Bank (NBB, [www.brainbank.nl](http://www.brainbank.nl)) is a non-profit organization that collects human brain tissue of donors with a variety of neurological and psychiatric disorders, but also of non-diseased donors. This brain tissue, together with an anonymized summary of a donor's medical record, is sent to scientific researchers worldwide, with the ultimate aim of increasing our understanding of the human brain and to develop therapies for neurological and psychiatric diseases. The NBB is a department of the [Netherlands Institute for Neuroscience](http://www.knaw.nl) (NIN), an institute of the [Royal Netherlands Academy of Arts and Sciences](http://www.knaw.nl) (KNAW).

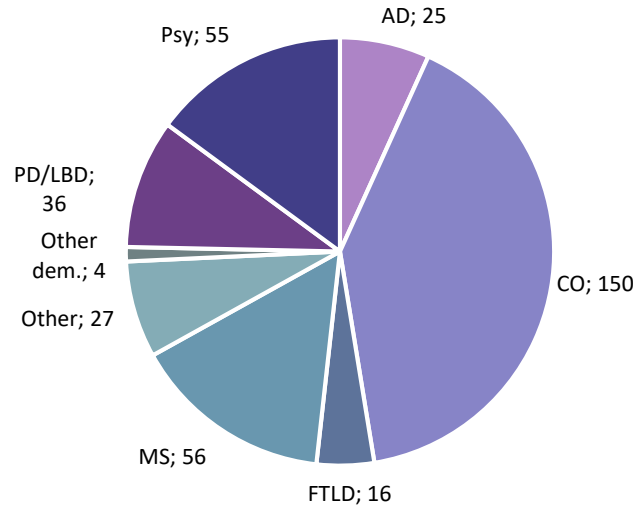
## Donor Registrations

The NBB has a prospective donor program, registering donors during life via informed consent.

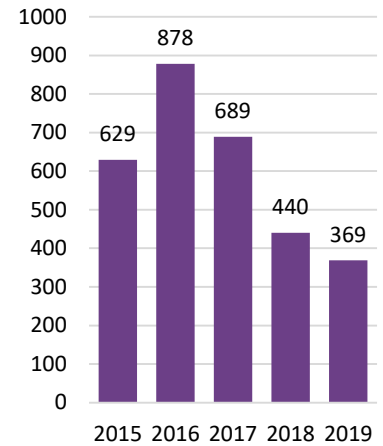
Registered donors on 1-1-2020, n=5082  
AD; 135



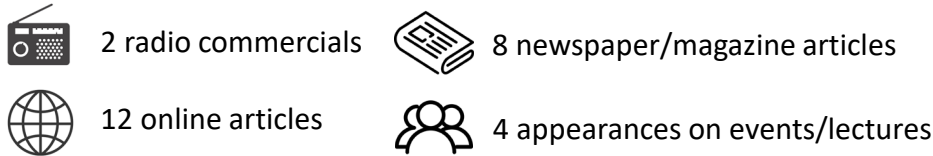
New registrations in 2019, n=369



New registrations in 2015-2019



## Public relations

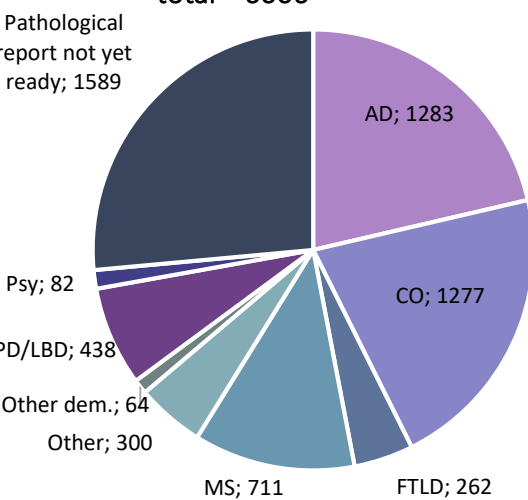


Icons designed by [freepik.com](http://freepik.com) and [flaticon.com](http://flaticon.com)

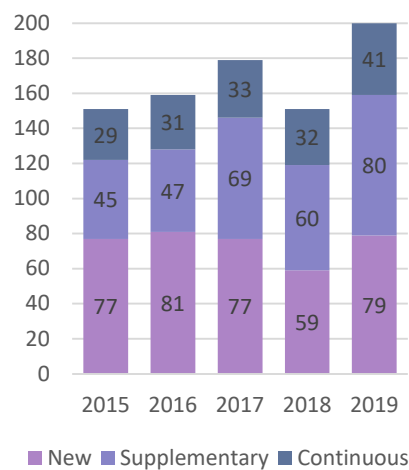
## Tissue supply

In 2019 the NBB supplied tissue to **79** new projects, to **80** supplementary projects which also received tissue in previous years, and **41** continuous projects that receive fresh tissue at each autopsy. Supplementary and continuous projects that received tissue more than once per year, are only counted once.

Disseminated tissue samples in 2019, total = 6006

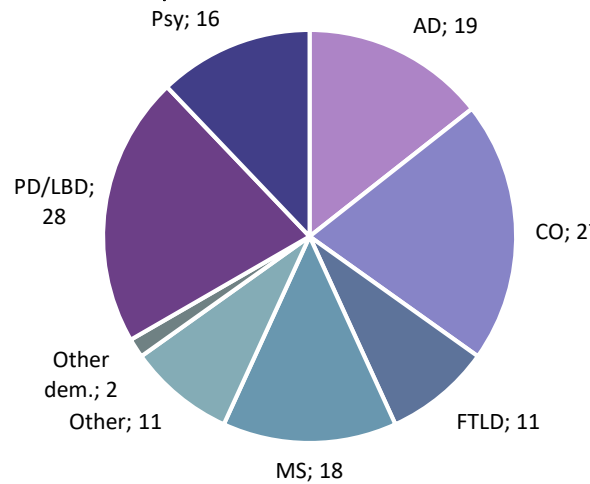


Number of projects receiving NBB tissue in 2015-2019

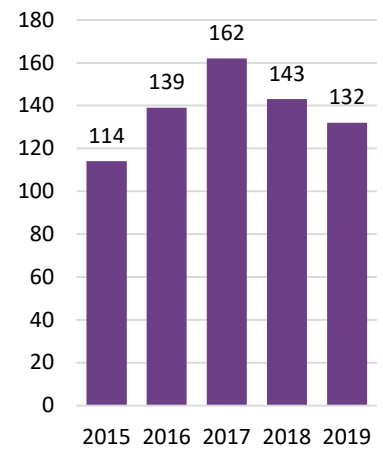


## Autopsies

Autopsies in 2019, total = 132



Autopsies in 2015-2019



Autopsies and post-mortem diagnostics are performed at Amsterdam UMC (AUMC), location Vumc, in cooperation with neuropathologists and mortuary assistants of AUMC, and the NBB autopsy team. The names of all NBB and involved AUMC personell can be found on our [website](http://www.brainbank.nl).



Autopsies are performed 24/7. The average post-mortem delay in 2019 is 6 hours, 32 minutes.

## Publications

A list of all publications from 2019 that resulted from research using NBB tissue, a total of **120**, can be found on our [website](http://www.brainbank.nl).

Publications in 2019 with NBB as **corporate co-author**:

- Böttcher, C., et al. (2019). *Nature Neuroscience*.
- Byman, E., et al. (2019). *Journal of Alzheimer's Disease*.
- Gami-Patel, P., et al. (2019). *Neuropathology and Applied Neurobiology*.
- Laarman, M.D., et al. (2019). *Journal of the American Heart Association*.
- Schultz, N., et al. (2019). *Journal of Alzheimer's Disease*.
- Sneboer, M.A.M., et al. (2019). *Translational Psychiatry*.
- Van der Lee, S.J., et al. (2019). *Acta Neuropathologica*.
- Van Rooij, J.G.J., et al. (2019). *Neurobiology of Aging*.
- Vergouw, L.J.M., et al. (2019). *Alzheimer Disease and Associated Disorders*.

## Finances

Besides the structural support the NBB receives as part of the NIN, the NBB is entirely dependent on grants, donations and the financial contributions from the researchers who apply for tissue. In 2019 the costs of the NBB were € 1,3 mln.

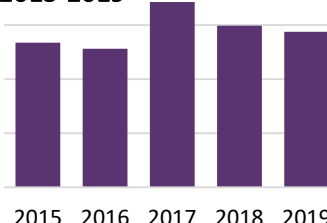
**Stichting research**  
€542.500 for 2019 - 2023

**NWO**  
€3,45 mln for 2012-2020  
Project NBB-Psy

**Rotary**  
Aalsmeer-Uithoorn  
€60,000 in 2019

€ 800.000,00  
€ 600.000,00  
€ 400.000,00  
€ 200.000,00  
€ 0,00

Financial contributions from researchers receiving tissue in 2015-2019



**Hersenstichting**  
€100.000 for 2017-2019

**Stichting ParkinsonFonds**  
€97,040 for 2019-2020