The Netherlands Brain Bank (NBB, 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 (NIN), an institute of the Royal Netherlands Academy of Arts and Sciences (KNAW).

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

Registered donors on 31-12-2018, total 4902
- AD: Alzheimer’s disease
- CO: Non-demented control
- FTLD: Frontotemporal lobar degeneration
- MS: Multiple Sclerosis
- Other dem.: Other types of dementia
- PD/LBD: Parkinson’s disease/Lewy body dementia
- PSP: Progressive supranuclear palsy
- Psy: Psychiatric disorder
- Other: Other neurological diagnoses

New registrations in 2018, total 440
- AD: 28
- CO: 198
- FTLD; 16
- MS: 45
- PD/LBD: 32
- PSP: 1
- Other dem.; 7

New registrations in 2014-2018
- AD: 59
- CO: 689
- FTLD; 440
- MS; 15
- PD/LBD: 162
- PSP; 91

Public relations
- 2 radio commercials
- 7 newspaper/magazine articles
- 10 online articles
- 11 appearances on events/lectures

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Tissue supply
In 2018 the NBB supplied tissue to 59 new projects, to 60 supplementary projects which also received tissue in previous years, and 32 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. A list of all projects that received tissue from in 2018 can be found on our website.

Disseminated tissue samples in 2018, total =4150
- AD; 821
- CO; 1528
- Other dem.; 104
- Other; 476
- MS; 283
- FTLD; 176
- PD/LBD; 588
- Other; 172

Number of projects receiving NBB tissue in 2014-2018
- AD; 33
- CO; 32
- FTLD; 31
- MS; 31
- Other dem.; 33
- Other; 59
- PD/LBD; 33
- PSP; 29
- Other dem.; 4

Publications
A list of all publications from 2018 that resulted from research using NBB tissue, a total of 99, can be found on our website.

Publications in 2018 with NBB as corporate co-author:

Financial contributions from researchers receiving tissue in 2014-2018
- €0
- €50,000
- €100,000
- €125,000
- €1,2 mln

Autopsies
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 personnel can be found on our website.

Autopsies are performed 24/7. The average post-mortem delay in 2018 is 6 hours, 45 minutes.

Pathological report not yet ready; 1625
- AD; 133
- CO; 2296
- FTLD; 50
- MS; 618
- Other; 140

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 2018 the costs of the NBB were €1.2 mln.

Project NBB-Psy
- €4.5 mln for 2012-2020
- €100.000 for 2017-2019
- €12,500 in 2018

Financial contributions from researchers receiving tissue in 2014-2018
- €0
- €50,000
- €100,000
- €125,000

Publications in 2018 with NBB as corporate co-author: