



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). 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.

NETHERLANDS BRAIN BANK

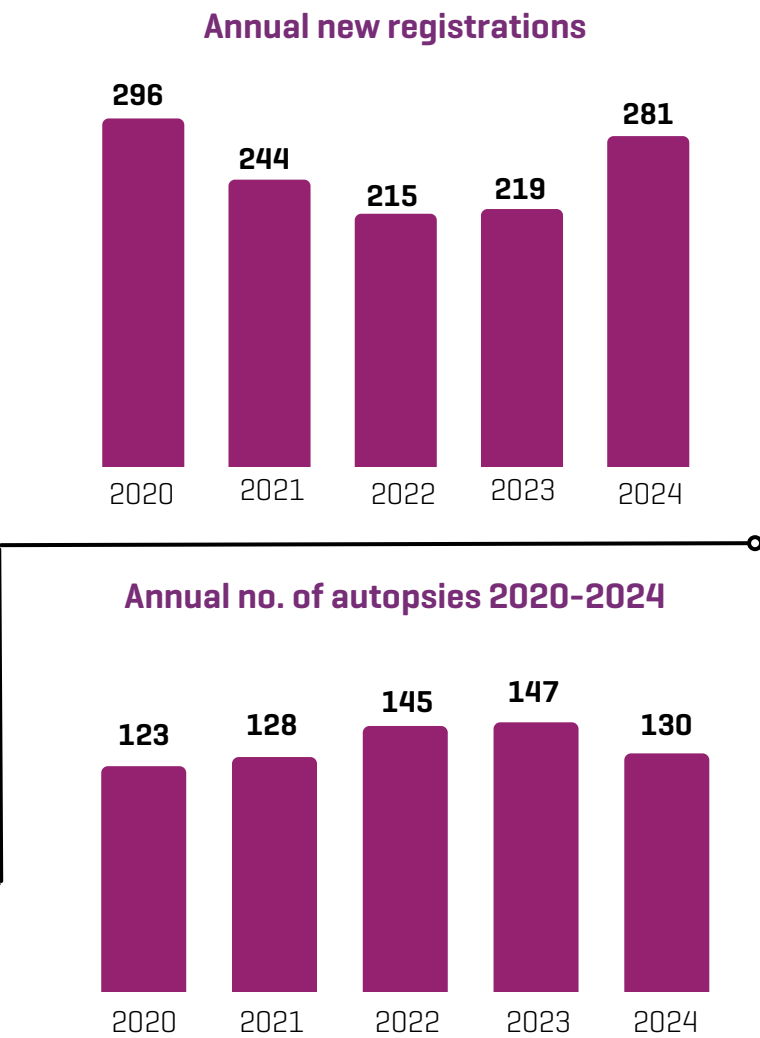
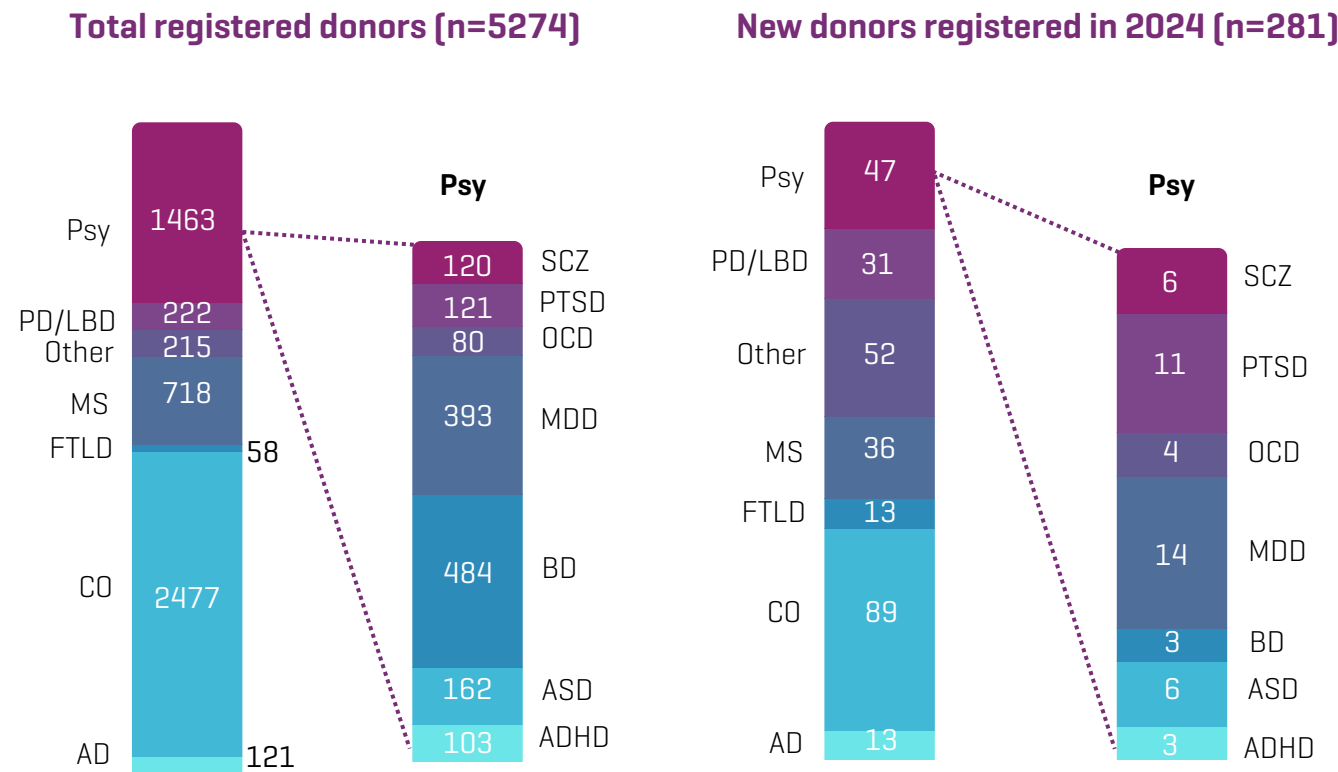
PROGRESS REPORT 2024

Abbreviations:

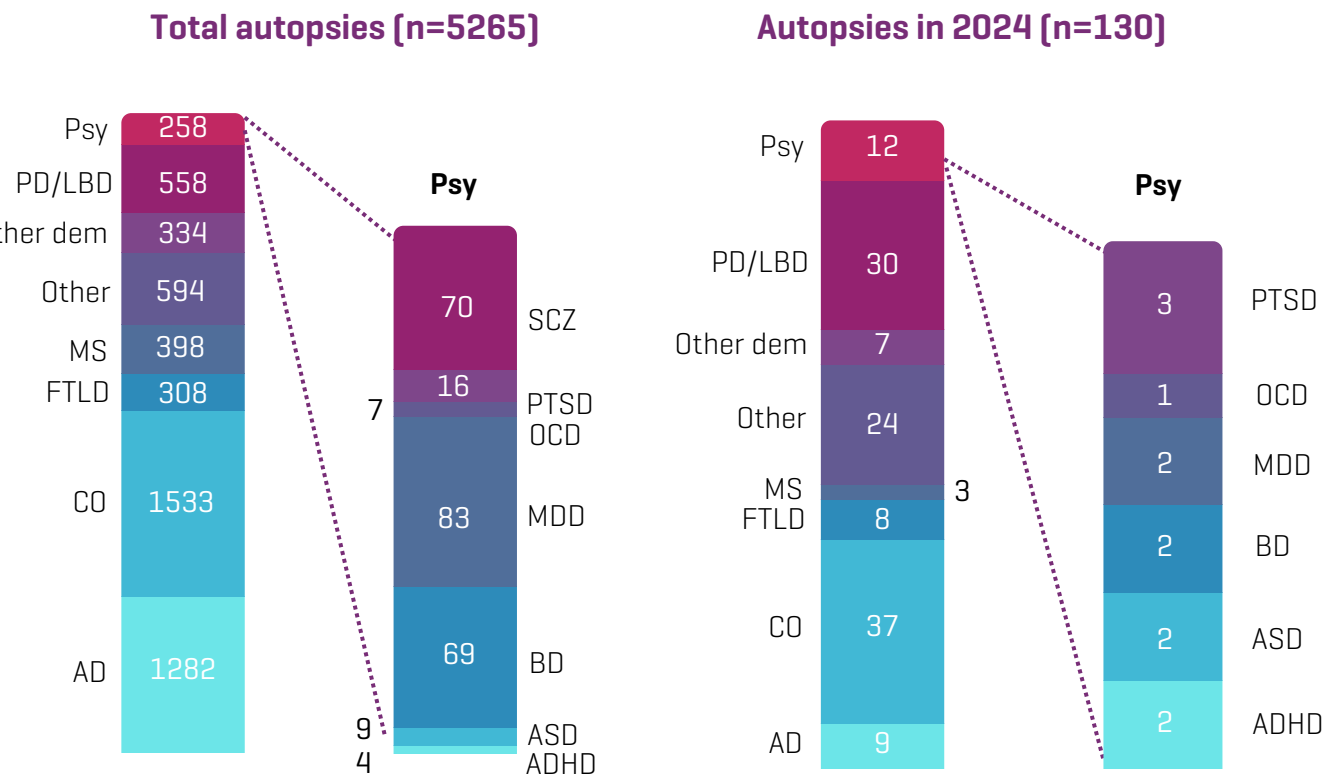
AD: Alzheimer's disease
CO: Non-demented control
FTLD: Frontotemporal lobar degeneration
MS: Multiple sclerosis
Other: Other neurological diagnosis
Other dem.: Other type of dementia
PD/LBD: Parkinson's disease/Lewy body dementia
Psy: Psychiatric disorder

ADHD: Attention deficit hyperactivity disorder
ASD: Autism spectrum disorder
BD: Bipolar disorder
MDD: Major depressive disorder
OCD: Obsessive compulsive disorder
PTSD: Post traumatic stress disorder
SCZ: Schizophrenia
PANR: Pathological report not ready yet

REGISTRATIONS



AUTOPSIES

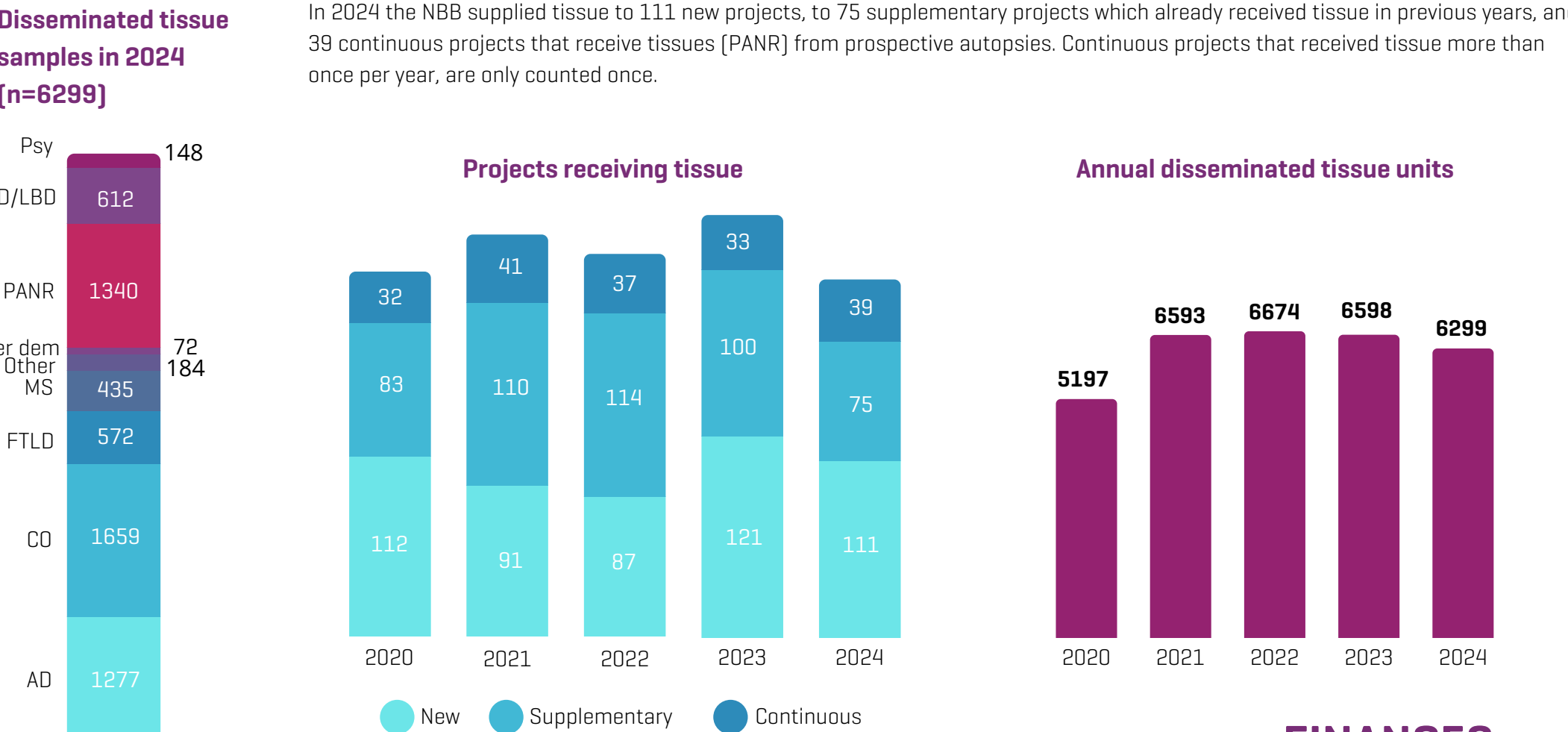


NEWS

The NBB launched a donor program focussed on Myalgic Encephalomyelitis/chronic fatigue syndrome (ME/cfs), financed by [ZonMw](#). This donor program aims to collect tissues from 200 donors with ME/csf by 2027 and is part of the Netherlands ME/csf Cohort and Biobank Consortium (NMCB).

The Institute of Chemical Neuroscience (iCNS) was launched, an [NWO gravitation](#) program of M€ 23, which aims to elucidate the molecular changes relating to psychiatric symptoms, such as depression, anxiety and psychosis. NBB is part of the iCNS consortium and the NBB's brain tissue is the cornerstone making iCNS possible. This research will lead to a "brain atlas" of psychiatric symptoms, and to new approaches to improve the diagnosis, prognosis and treatment of psychiatric illnesses.

TISSUE SUPPLY



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 receive tissue. In 2024 the costs of the NBB were € 1,45 mln.

Grants

stichting research

NBB-MS 2024-2028:
€598.000



2023-2027: €375.000



NBB-ME/cfs 2023-2027: €250.000



NND-project 2020-2024: €322.500



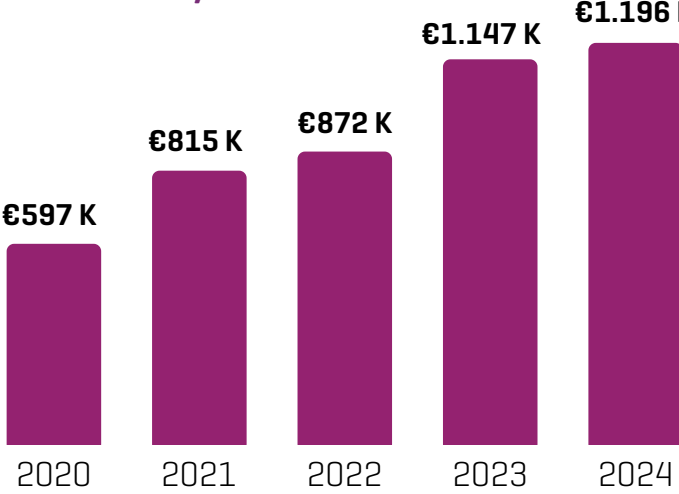
2022-2024: €100.000



2022-2024: €120.000

Stichting Woelse Waard 2024 €205.404

Cost recovery



PR ACTIVITIES



11 Articles



2 Radio-commercials, podcasts



11 Events



2 TV news items

SCIENTIFIC PUBLICATIONS

A list of all publications from 2024 that resulted from research using NBB tissue, a total of 127, can be found on our [website](#). Publications in 2024 with NBB as corporate co-author (n=8):

- Asbelaoui, N. et al., Acta Neuropathologica Communications
- Boon, B. D. C. et al., Neuropathology and Applied Neurobiology
- Nuñez-Díaz, C. et al., Alzheimer's Research & Therapy
- Santiago, J. et al., Brain Pathology
- Schultze, J. et al., Research Square
- Vicario, R. et al., bioRxiv [preprint]
- Vliet, D. van der, et al., bioRxiv [preprint]
- Wennström, M. et al., Cells