

VICTORIAN BRAIN BANK COLLECTION

For all enquiries regarding tissue and research project applications, please contact the coordinator of the Victorian Brain Bank (VBB), Mr Tom Allen via email, VBB@Florey.edu.au.

The Victorian Brain Bank has over 1,500 cases available for research. The collection is further sub-divided into Neurodegeneration, Psychiatric and Neurotrauma. Below is introductory information about each sub-collection to help researchers determine if the VBB may be able to assist with their projects.

Neurodegeneration

The neurodegeneration collection is the largest within the VBB. All neurodegeneration cases have been formally diagnosed post-mortem by the VBB's Neuropathologist. The information presented below is listed in order of the number of cases found within each disease category from largest to smallest.

Disease	Age Range	Gender Split F:M%	Frozen Cases %	FFPE Cases %	CSF Cases %	pH Range
AD	35-102	43:57	77%	97%	56%	5.07-7.27
MND	37-98	39:61	90%	99%	44%	5.73-6.96
PD	58-95	31:69	89%	100%	56%	5.83-6.95
FTLD	25-88	31:69	87%	99%	57%	5.88-7.09
PSP	52-88	38:62	94%	100%	64%	5.83-7.57
MS	38-96	69:31	94%	100%	66%	5.94-6.78
LBD	60-91	16:84	88%	100%	53%	5.88-7.04
HD	27-86	25:75	96%	100%	75%	5.92-7.17
MSA	41-88	62:38	76%	95%	33%	6.01-6.62
SCA	38-85	50:50	88%	100%	50%	6.07-6.36

Controls	42-99	40:60	85%	97%	31%	5.65-6.84
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Psychiatric

The VBB's psychiatric collection makes up a third of the total number of cases available from the Victorian Brain Bank. The cases have undergone a neuropathological autopsy to exclude any neurodegenerative cause of disease and have also been diagnosed through clinical information according to the DSMIV. Below are the most common conditions represented in the collection.

Disease	Age Range	Gender Split F:M%
Schizophrenia	18-82	26:74
Depression	19-87	56:44
Bipolar	26-79	58:42
Suicide	18-62	12:88
Schizoaffective	26-77	46:54

Controls	21-80	20:80
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Victorian Brain Bank

The Florey, 30 Royal Parade, Parkville, Victoria, 3052

Tel: 03 8344 1900 Email: VBB@florey.edu.au

www.florey.edu.au/science-research/scientific-services-facilities/victorian-brain-bank

The Victorian Brain Bank is funded in part by The Florey, Fight Parkinson's, FightMND, Ian and Maria Cootes and One More Night for Tania.

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Neurotrauma

The VBB's Neurotrauma is a world first collection of tissue taken from donors who died within 14 days of suffering head trauma. Tissue is limited by number of cases, as well as tissue available for use within each case. Please contact the VBB to discuss whether your project can be fulfilled.

Survival Time	Age Range	Gender Split F:M%
<5 mins	22-64	18:82
<1 hour	18-79	0:100
<1 day	18-76	29:71
1 day - 1 week	39-82	33:67
>1 week	18-80	67:33

These lists are not to be taken as an exhaustive list of the available tissue within the VBB. There may be additional disease categories or case characteristics not listed in the above tables. Not all tissue will be available or appropriate for all projects. Researchers are asked to please contact the VBB to discuss their projects. An initial discussion with the VBB should include an overview of the intended project, the disease categories of interest, the brain regions of interest, as well as the number of cases, and if necessary, controls.

Tissue Type Availability

The VBB holds tissue in the form of fresh/frozen tissue and formalin fixed paraffin embedded blocks for brain tissue and in some cases spinal cord tissue. Additionally the VBB has collected CSF for many cases. The tissue supplied by the VBB comes in the form of frozen tissue sections (100-150mg), and FFPE sections on slides. CSF is supplied in 0.5mL aliquots. Discussions can be made to allow for the use of increased frozen tissue if adequate justification is provided.

Please do not hesitate to contact the VBB for queries regarding any information provided in this document.



Professor Catriona A McLean AO
BSc, MBBS, FRCPA, MD, FFSc (RCPA), FAHMS, Ass. Member FACD
Consultant Neuropathologist & Director, Victorian Brain Bank



Mr Tom Allen
Coordinator, Victorian Brain Bank

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