

-LIST OF ABBREVIATION

AD	Alzheimer's Disease.
ADC	AIDS Dementia Complex.
ADHD	Attention Deficit Hyperactivity Disorders.
AIDS	Acquired Immune Deficiency Syndrome.
AMPT	A-methylparatyrosine.
APDs	Avalanche Photodiodes.
arMPFC	Anterior-rostral medial frontal cortex.
AZT	Zidovudine.
BBB	Blood Brain Barrier.
BD	Bipolar Disorders.
BGO	Bismuth Orthogermanate.
BRASS	Brain Registration And Analysis of SPECT Studies.
CBF	Cerebral Blood Flow.
CBV	Cerebral Blood Volume.
CMV	Cytomegalo Virus.
CNS	Central Nervous System
CNSSS	Central Nervous System Symptoms and Signs
CO2	Carbon Dioxide.
CT	Computed Tomography
CVD	Cerebro-Vascular Disease.
CVR	Cerebro Vascular Reserve.
CXR	Chest X-Ray.

DLB	Dementia with Lewy Bodies.
D2R	Dopamine 2 Receptors
<i>DAT1</i>	Dopamine Transporter Gene.
DAT	Dopamine Transporter.
EBF	Early Bladder Filling.
ECD	Ethyl Cysteinate Dimer.
ECT	Electro Convulsive Therapy.
EDAS	Encephalo-Duro-Arterio-Synangiosis.
ETV	Endoscopic Third Ventriculostomy.
FBP	Filtered Back Projection.
FD	Frontal Lobe Dementia.
FOV	Field of View.
FTD	Frontotemporal Dementia.
FWHM	Full-Width at Half-Maximum.
GABA	Gama-Aminobutyric Acid.
GCV	Ganciclovir.
Ga-67	Gallium 67.
GIT	Gastro Intestinal Tract.
HD	Huntington's Disease.
HIV	Human Immune Deficiency Virus.
HMPAO	Hexamethylpropyleneamine Oxime.
HSE	Herpes Simplex Encephalitis.
HSV	Herpes Simplex Virus.
I-¹²³	.Radioactive Iodine
¹²³I-β-CIT	123I-2b-carbomethoxy-3b-(4-iodophenyl)- N-(3-

	fluoropropyl) Nortropane.
¹²³I-Dex	¹²³I-labelled iodo-Dexetimide.
¹²³I-IBVM	¹²³I-iodo Benzo- Vesa- Micol.
¹²³I-IMP	¹²³I-iodoamphetamine.
¹²³I-IMT	¹²³I-alpha-methyl tyrosine.
IL-2	Interleukin-2.
¹³¹IMIBG	Radioactive Iodine Laced with Metaiodobenzyl guanidine.
IPA	¹²³I-Iodol –Phenylalanine.
¹²³I-QNB	Iodo-Quinuclidinyl Benzilate.
5IA-85380¹²³I	5-iodo-3-2S-2-azetidinylmethoxy pyridine.
LT	Leukotriene.
LV	Left Ventricle.
LVEF	Left Ventricular Ejection Fraction.
MAC	Membrane Attacking Complex.
MCI	Mild Cognitive Impairment.
MDMA	Methylene Dioxymeth Amphetamine.
MDR	Multi Drug Resistance.
MFC	Medial Frontal Cortex.
MRI	Magnetic Resonance Imaging.
MSA	Multiple System Atrophy.
MVAs	Motor Vehicle Accidents.
NO	Nitric Oxide.
Na I Tl	Sodium Iodide Doped With Thallium.
NPH	Normal Pressure Hydrocephalus.
OCD	Obsessive Compulsive Disorders.
P-32	Radioactive Phosphorus.
PBR	Peripheral Benzodiazepine Receptor.

PD	Parkinson's disease.
PEG	Pneumoencephalography.
PET\CT	Positron Emission Tomography\Computed Tomography.
PMTs	Photomultiplier Tubes.
PSP	Progressive Supranuclear Palsy.
PTA	Parathecal Activity.
PTSD	Post-Traumatic Stress Disorders.
QC	Quality Control.
RCFS	Radionuclide Cerebrospinal Fluid Scintigraphy.
REM	Rapid Eye Movement.
RI	Radio Isotope.
RNC	Renal Clearance.
ROI	Regions of Interest.
R CBF	Regional Cerebral Blood Flow.
SAD	Social Anxiety Disorders.
SAH	Sub Arachnoid Haemorrhage.
SIH	Spontaneous Intracranial Hypotension.
SISCOM	Subtraction Ictal SPECT Coregistered with MRI.
SLE	Systemic Lupus Erythematosus.
SPECT	Single Photon Emission Computed Tomography.
SPECT\CT	Single Photon Emission Computed Tomography\Computed Tomography.
SC	Sydenham's Chorea.
SERT	Serotonin Transporter.
SND	Striato Nigral Degeneration.
SPM	Statistical Parametric Mapping.
²⁰¹Tl	Thalium -201

Tc-99m	Techintium 99 Metastable.
^{99m}Tc-(V) DMSA	Pentavalent Technetium-99m Dimercaptosuccinic Acid.
TIA	Transient Ischaemic Attacks.
μ-maps	Adequate Attenuation Maps.
VD	Vascular Dementia.
VS	Versus.
VOI	Volume-of-Interest.
VPS	Ventriculoperitoneal Shunting.
