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ABBREVIATION

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AD	Alzheimer disease
BBB	Blood-brain-barrier
BSA	Bovine serum albumin
CCL	Chemokine (C-C motif) ligand
CCR	Chemokine (C-C motif) receptor
CNPase	2',3'-Cyclic Nucleotide 3'-Phosphodiesterase
CNS	Central nervous system
CSF	Cerebrospinal fluid
C-SF	Colony stimulated factor
CXCL	Chemokine (C-X-C motif) ligand
CXCLR	Chemokine (C-X-C motif) receptor
dsRNA	Double stranded RNA
EBV	Epstein-Bar virus
FCS	Fetal calf serum
GalCer	Galactosylceramide
GAPDH	Glyceraldehyde-3-phosphate dehydrogenase
GFAP	Glial fibrillary acidic protein
G-CSF	Granulocyte colony-stimulating factor
RIG-I	Retinoic acid-inducible gene-I
GM-CSF	Granulocyte-macrophage colony-stimulating factor
HHV-6	Human herpes virus
iDC	Immature dendritic cells
IFN	Interferon
IL	Interleukin
Ikk	IkappaB kinase
IRF	Interferon regulatory factor
JNK	Jun N-terminal Kinase
LDH	Lactate dehydrogenase
LPS	Liposaccharide
MAPKs	Mitogen-activated protein kinases
MBP	Myelin basic protein
M-CSF	Macrophage colony-stimulating factor
Mda-5	Melanoma differentiation-associated gene-5

MHC	Major histocompatibility complex
MRI	Magnetic resonance imaging
MS	Multiple sclerosis
MTT	3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyl tetrazolium bromide
MyD88	Myeloid differentiation primary-response gene 88
NAGM	Normal-appearing gray matter
NAWM	Normal-appearing white matter
NF- κ B	Nuclear factor kappa-light-chain-enhancer of activated B cells
NK	Natural killer cells
OPCA	Olivopontocerebellar atrophy
OPC	Oligodendrocyte progenitor cell
O2A	Oligodendrocyte –type-2-astrocyte progenitor
O4	Pro-oligodendrocyte
PAMPs	Pathogen-associated molecular patterns
PBMC	Peripheral blood mononuclear cells
PD	Parkinson disease
pDC	Plasmacytoid dendritic cells
PID	Pick's disease
PLL	Poly-L-lysine
PLP	Proteolipid protein
PM	Post mortem
PRR	Pattern-recognition receptors
siRNA	Small interfering RNA
STAT	Signal Transducers and Activator of Transcription
TFA	Trifluoroacetic acid
TFE	Trifluoroethanol
TGF	Transforming growth factor
TIR	Toll/IL-1R
TICAM	TIR domain-containing adapter molecule
TIRAP	Toll-interleukin 1 receptor domain containing adaptor protein
TLR	Toll-like receptors
TNF	Tumor necrosis factor
TRAM	TRIF-related adaptor molecule
TRIF	TIR-domain-containing adapter-inducing interferon- β
VEGF	Vascular endothelial growth factor
WST	Water-soluble tetrazolium salt