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## New avenues in PET imaging of multiple sclerosis

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# **List of abbreviations**

1TCM	One tissue compartment model
2TCM	Two tissue compartment model
2TCMR	Reversible two tissue compartment model
AIC	Akaike information criterion
AUC	Area under the curve
BBB	Blood-brain barrier
Bq	Becquerel
[ <sup>11</sup> C]	Carbon-11
[ <sup>11</sup> C]CIC	[ <sup>11</sup> C]Case imaging compound
[ <sup>11</sup> C]MeDAS	[ <sup>11</sup> C]Methyl diaminostilbene
[ <sup>11</sup> C]PIB	Pittsburg compound B
CNS	Central nervous system
DA rat	Dark Agouti rat
DEX	Dexamethasone
EAE	Experimental autoimmune encephalomyelitis
[ <sup>18</sup> F]	Fluor-18
[ <sup>18</sup> F]FB-IL2	N-(4-[ <sup>18</sup> F]fluorobenzoyl)interleukin-2
[ <sup>18</sup> F]FDG	[ <sup>18</sup> F]Fluorodesoxiglucose
[ <sup>18</sup> F]SFB	N-succinimidyl 4-[ <sup>18</sup> F]fluorobenzoate
FCS	Fetal calf serum
HPLC	High performance liquid chromatography
IFA	Incomplete Freund's Adjuvant
Iba1	Ionized calcium binding adapter molecule 1
i.p.	intraperitoneal

K <sub>i</sub>	Metabolic rate
LFB	Luxol fast blue
LOR	Line of response
LPC	Lysolecithin, lysophosphatidylcholine
MBP	Myelin basic protein
MOG	Myelin oligodendrocyte glycoprotein
MRI	Magnetic resonance imaging
MS	Multiple sclerosis
NGS	Normal goat serum
OPC	Oligodendrocyte precursor cell
PET	Positron emission tomography
PPMS	Primary progressive multiple sclerosis
PRMS	Primary relapsing multiple sclerosis
RRMS	Relapsing-remitting multiple sclerosis
ROI	Region of interest
SPMS	Secondary progressive multiple sclerosis
SUV	Standardized uptake value
TAC	Time activity curve
TLC	Thin-layer chromatography
TSPO	Translocator protein 18kDa
V <sub>T</sub>	Volume of distribution
WHO	World Health Organization