

Table S1**Clinical and demographic data of the MS patients and non-neurological disease controls**

Case	Sex (f/m)	Age of death (years)	Cause of death	Death tissue preservation (hours)	Disease duration (years)	Time in progressive phase (years)	Quantified lesions
MS patients							
MS408	m	39	Pneumonia, sepsis	21	10	2	8 (4 AL, 4 NAWM)
MS423	f	54	Pneumonia	10	30	21	6 (5 IL, 1 AL)
MS506	f	61/62	Pneumonia	21	50	19	8 (4 NAWM, 2 CA, 1 RL, 1 AL)
MS513	m	51	MS, respiratory failure	17	18	14	9 (1 NAWM, 3 AL, 4 CA, 1 IL)
MS528	f	45	MS	17	25	3 to 11	6 (3 NAWM, 2 AL, 1 CA)
MS530	m	42	MS	15	21	15	11 (3 AL, 3 CA, 2 RL, 1 IL, 2 NAWM)
MS549	m	50	End stage of MS	8	29	20	4 (2 AL, 1 RL, 1 CA)
MS576	m	75	Pneumonia	25	31	Primary progressive	10 (5 CA, 1 IL, 4 NAWM)
MS585	f	53	Bronchopneumonia	27	27	-	7 (1 RL, 5 IL, 1 NAWM)
MS403	f	54	End stage of MS	11	26	15	4 (2 AL, 1 RL, 1 CA)
Controls							
C25	m	35	Carcinoma of the tongue	22	-	-	5
C36	m	68	Cor pulmonale, heart failure	30	-	-	5
C48	m	68	Metastatic colon cancer	10	-	-	5
PDC39	f	50	Metastatic renal cancer	-	-	-	5
PDC40	f	61	Ovarian cancer	-	-	-	5