

Supplementary Table 1. Sample Demographic and Descriptive Characteristics of the cohort used for immunohistochemical investigation

case	marker	Cause of death/ Inflammation	brain weight (g)	PMI (h)	Hemisphere
SCHIZOPHRENIA					
4375/31/M	A	unknown	1450	15.0	L
4496/49/M	A	Suicide (A, N)	1440	19.1	R
4548/82/F	A	Cancer (C, N)	1110	23.9	L
4544/32/M	A	Cardiac Arrest and pancreatitis (A, I)	1400	7.8	L
4702/55/M	A	Cardiac arrest (A, N)	1380	21.4	L
4707/60/F	A	Cancer (C, N)	1220	19.6	R
4907/73/F	A	Cancer (C, N)	1170	24.1	L
4942/61/F	A	Pneumonia (A, I)	1200	14.08	L
5038/93/F	3B3/CS56	Pneumonia (A, I)	970	17.4	L
5100/72/F	A	Renal Failure (C, N)	1065	21.75	L
5158/56/F	3B3/CS56	Cancer (C, N)	1185	18.7	R
5656/73/F	A/CS56	Cancer (C, N)	1130	28.8	R
5785/62/M	A/3B3/CS56	Sepsis (C, I)	1340	25.3	L
5787/36/M	3B3/CS56	unknown	1480	17.97	R
5920/58/M	A/3B3/CS56	COPD (C, N)	1160	32.38	R
6013/65/M	3B3/CS56	Cardiac arrest (A, N)	1255	21.4	R
6987/45/M	3B3/CS56	Cardiac arrest and colitis at t.d. (C, I)	1540	8.5	L
6993/55/F	3B3/CS56	Cardiac arrest (A, N)	1240	17.1	R (PCR), L
COPD and temporal arteritis at t.d. (C, I)					
7056/65/F	3B3/CS56		1160	30.3	L
7284/45/F	3B3/CS56	Cancer (C, N)	1460	12.4	L
7191/65/F	3B3/CS56	Pneumonia (A, I)	1200	18.5	R
7454/60/M	3B3/CS56	ASCVD (C, N)	1265	22.2	R
7817/79/F	CS56	Respiratory failure (A, N)	1065	8.03	R
8006/58/F	3B3	Myocardial infarction (A, N)	1310	20.9	L
Total/mean ± SD					
59.5±15.3, 14 F/10 M			1258.1±15 0.5	19.4±6. 5	14 L/10 R
BIPOLAR DISORDER					
4403/76/F	A	Cardiac arrest (A, N)	1170	22.8	R
4545/73/M	A	Pneumonia (A, I)	1190	7.2	R
4661/25/M	A	Pulmonary edema (A, N)	1480	12.56	R
4665/66/M	A	Pneumonia (C, I)	1480	17.4	R
4928/75/F	A	unknown	1310	36.01	R
4961/74/M	CS56	Pneumonia (C, I)	1340	14.3	R
5044/73/F	A/CS56	Cancer (C, N)	1020	17.0	L
5265/83/M	A	unknown	860	17.5	L
7331/61/F	3B3/CS56	Cancer (C, N)	1195	16.6	L
5431/40/F	A/3B3/CS56	Sepsis (C, I)	1340	21.92	L
5802/51/F	3B3	Ischemic heart disease (A, N)	1260	35.1	L
4518/86/F	A	unknown	1040	11.3	-
4914/73/F	A	Sepsis (C, I)	1060	20.8	L
4464/74/M	A	Pneumonia (A, I)	1270	24.8	L

5357/62/F	3B3/CS56	Congestive heart failure (C, N)	1210	13.37	R
5391/67/F	A/3B3/CS56	Pneumonia (A, I)	1150	25.3	L
5888/70/M	A	Renal failure (C, N)	1215	17.25	L
7610/77/F	3B3/CS56	Pneumonia (A, I)	1170	11.53	R
7893/75/M	3B3/CS56	Sepsis (C, I)	1150	26.83	R
8305/33/M	3B3	Ski accident (A, N)	1660	30.58	R
Total/mean \pm SD					
65.7 \pm 16.3, 11 F/ 9 M			1228.5 \pm 179.5	20.0 \pm 7.9	9 L/10 R/1 Uk

CONTROLS					
4354/68/F	A	Coronary artery disease (A, N)	1330	14.75	R
4389/70/M	A	Myocardial infarction (A, N)	1360	23.2	R
4538/52/M	A	Myocardial infarction (A, N)	-	32.1	L
4571/71/M	A	Cardiac arrest (A, N)	1580	24.0	R
4586/37/M	A	Electrocution (A, N)	1460	18.75	R
4595/65/M	A	Cardiac arrest (A, N)	1240	17.3	R
4647/70/M	A	Aortic aneurysm (A, N)	1400	17.3	R
4625/53/F	A	Cancer (C, N)	1330	24.0	R
4635/62/M	A	Myocardial infarction (A, N)	1300	29.2	R
5058/85/M	A	Cancer (C, N)	1225	20.3	L
5082/78/F	A	Cancer (C, N)	1100	23.9	L
5113/74/F	A	Cancer (C, N)	1145	12.2	L
6975/65/M	3B3/CS56	Myocardial infarction (A, N)	1390	19.85	R
7063/75/F	3B3/CS56	COPD (C, N)	1015	22.0	L
7155/55/F	3B3	Myocardial infarction (A, N)	1330	30.92	L
7160/75/M	3B3	Myocardial infarction (A, N)	1340	23.4	R
7164/85/F	3B3	unknown	1150	29.18	L
7228/75/M	3B3	Cardiac arrest (A, N)	1470	25.43	L
7275/65/M	3B3/CS56	Cardiac arrest (A, N)	1570	17.92	R
7287/79/F	3B3/CS56	Respiratory failure (A, N)	1340	23.08	L
7368/70/M	CS56	unknown	1660	25.92	L
7508/62/M	CS56	Cardiac arrest (A, N)	1380	26.07	R
7529/61/F	3B3/CS56	Cardiac arrest (A, N)	1210	24.92	R
7519/55/M	3B3/CS56	unknown	1425	23.92	L
7542/76/M	3B3/CS56	Cancer (C, N)	1270	23.92	L
7611/64/M	3B3/CS56	unknown	1175	14.33	L
7495/73/F	3B3/CS56	Cardiac arrest (A, N)	1180	26.92	R
7170//F	CS56	Cancer (C, N)	1085	22.8	L
7801/53/F	3B3/CS56	Cardiac arrest (A, N)	1390	34.5	R
Total/mean \pm SD					
67.0 \pm 10.8, 12 F/ 17 M			1316.1 \pm 154.9	23.2 \pm 5.3	14 L/15 R

A: Aggrecan; ASCVD: atherosclerotic cardiovascular disease; A: acute, no prolonged agonal period; C: chronic, with agonal period; COPD: chronic obstructive pulmonary disease; I: infection/inflammatory condition present at time of death; N: no significant infection/inflammation present at time of death; t.i.d: time of death