

Supplementary Table S1: Summary of experimental cohorts

Mouse Nr	Experiment	Age at euthanization	Treatment		Notes	Corpus callosum							Cortex				Internal capsule/ Globus pallidus		
						Olig2+ Ki67+	Olig2+ TUNEL	Olig2+ CNPase +	Ng2	GFAP	Iba1	MBP	GFAP	Iba1	MBP	TUNEL	GFAP	Iba1	MBP
M83	16	P11	2 mg/kg NaCl	Normoxia 25 MIN		x	x	x		x	x	x	x	x	x	x	x	x	x
M84	16	P11	2 mg/kg NaCl	Normoxia 25 MIN		x	x	x		x	x	x	x	x	x	x	x	x	x
M85	16	P11	2 mg/kg NaCl	Normoxia 25 MIN		x	x	x		x	x	x	x	x	x	x	x	x	x
M86	16	P11	2 mg/kg LPS	25 MIN @ 8% O2		x	x	x		x	x	x	x	x	x	x	x	x	x
M87	16	P11	2 mg/kg LPS	25 MIN @ 8% O2		x	x	x		x	x	x	x	x	x	x	x	x	x
M88	16	P11	2 mg/kg LPS	25 MIN @ 8% O2		x	x	x		x	x	x	x	x	x	x	x	x	x
M99	16	P11	2 mg/kg NaCl	Normoxia 25 MIN		x	x	x		x	x	x	x	x	x	x	x	x	x
M100	16	P11	2 mg/kg NaCl	Normoxia 25 MIN		x	x	x		x	x	x	x	x	x	x	x	x	x
M101	16	P11	2 mg/kg NaCl	Normoxia 25 MIN		x	x	x		x	x	x	x	x	x	x	x	x	x
M115	20	P11	2 mg/kg NaCl	Normoxia 25 MIN	Tissue not analyzed; tissue integrity compromised														
M116	20	P11	2 mg/kg NaCl	Normoxia 25 MIN	Tissue not analyzed for MBP; Scanning failure	x	x	x		x	x		x	x		x	x	x	
M117	20	P11	2 mg/kg LPS	25 MIN @ 8% O2	Tissue not analyzed for MBP & TUNEL; Scanning failure	x		x		x	x		x	x		x	x	x	
M118	20	P11	2 mg/kg LPS	25 MIN @ 8% O2	Tissue not analyzed for MBP; Scanning failure	x	x	x		x	x		x	x		x	x	x	
M119	21	P11	2 mg/kg NaCl	Normoxia 25 MIN		x	x	x		x	x	x	x	x	x	x	x	x	x
M120	21	P11	2 mg/kg NaCl	Normoxia 25 MIN	Tissue not analyzed; plane inappropriate														
M121	21	P11	2 mg/kg LPS	25 MIN @ 8% O2	Tissue not analyzed for MBP; plane inappropriate	x	x	x		x	x	x	x	x	x	x	x	x	
M122	21	P11	2 mg/kg LPS	25 MIN @ 8% O2		x	x	x		x	x	x	x	x	x	x	x	x	x
M123	21	P11	2 mg/kg LPS	25 MIN @ 8% O2		x	x	x	x	x	x	x	x	x	x	x	x	x	x
M135	23	P3	2 mg/kg NaCl	Normoxia 25 MIN		x	x	x	x	x	x		x	x		x	x	x	
M136	23	P3	2 mg/kg NaCl	Normoxia 25 MIN		x	x	x	x	x	x		x	x		x	x	x	
M137	23	P3	2 mg/kg LPS	25 MIN @ 8% O2	Corpus callosum not analyzed for Iba1/GFAP due to inappropriate plane/ compromised anatomy	x	x	x	x							x	x	x	
M138	23	P3	2 mg/kg LPS	25 MIN @ 8% O2		x	x	x	x	x	x		x	x		x	x	x	
M139	23	P3	2 mg/kg LPS	25 MIN @ 8% O2		x	x	x	x	x	x		x	x		x	x	x	
M140	23	P4	2 mg/kg NaCl	Normoxia 25 MIN		x	x	x	x	x	x		x	x		x		x	
M141	23	P4	2 mg/kg NaCl	Normoxia 25 MIN		x	x	x	x	x	x		x	x		x		x	
M142	23	P4	2 mg/kg LPS	25 MIN @ 8% O2		x	x	x	x	x	x		x	x		x		x	
M143	23	P4	2 mg/kg LPS	25 MIN @ 8% O2		x	x	x	x	x	x		x	x		x		x	
M144	23	P11	2 mg/kg NaCl	Normoxia 25 MIN		x	x	x	x	x	x	x	x	x	x	x	x	x	x
M145	23	P11	2 mg/kg LPS	25 MIN @ 8% O2		x	x	x		x	x	x	x	x	x	x	x	x	x
M146	24	P3	2 mg/kg NaCl	Normoxia 25 MIN		x	x	x	x	x	x		x	x		x	x	x	
M154	24	P4	2 mg/kg NaCl	Normoxia 25 MIN		x	x	x	x	x	x		x	x		x	x	x	
M155	24	P4	2 mg/kg NaCl	Normoxia 25 MIN	Corpus callosum not analyzed for Iba1/GFAP due to inappropriate plane/ compromised anatomy	x	x	x	x				x	x		x		x	
M156	24	P4	2 mg/kg NaCl	Normoxia 25 MIN		x	x	x	x	x	x		x	x		x	x	x	
M157	24	P4	2 mg/kg LPS	25 MIN @ 8% O2	Corpus callosum not analyzed for Iba1/GFAP due to inappropriate plane/ compromised anatomy	x	x	x	x				x	x		x			
M158	24	P11	2 mg/kg NaCl	Normoxia 25 MIN		x	x	x		x	x	x	x	x	x	x	x	x	x
M159	24	P11	2 mg/kg NaCl	Normoxia 25 MIN		x	x	x		x	x	x	x	x	x	x	x	x	x
M160	25	P3	2 mg/kg NaCl	Normoxia 25 MIN		x	x	x	x		x		x	x		x	x	x	
M161	25	P3	2 mg/kg LPS	25 MIN @ 8% O2	Corpus callosum and cortex not analyzed for Iba1/GFAP due to inappropriate plane/ compromised anatomy	x	x	x	x				x	x		x	x	x	
M162	25	P3	2 mg/kg NaCl	Normoxia 25 MIN		x	x	x	x	x	x		x	x		x	x	x	
M163	25	P3	2 mg/kg LPS	25 MIN @ 8% O2	Tissue not analyzed; tissue integrity compromised														
M165	25	P3	2 mg/kg LPS	25 MIN @ 8% O2		x	x	x	x	x	x		x	x		x	x	x	
M166	25	P3	2 mg/kg LPS	25 MIN @ 8% O2		x	x	x	x	x	x		x	x		x	x	x	
M167	25	P4	2 mg/kg NaCl	Normoxia 25 MIN		x	x	x	x	x	x		x	x		x	x	x	
M168	25	P4	2 mg/kg LPS	25 MIN @ 8% O2		x	x	x	x	x	x		x	x		x	x	x	
M169	25	P4	2 mg/kg LPS	25 MIN @ 8% O2		x	x	x	x	x	x		x	x		x	x	x	
M170	25	P4	2 mg/kg LPS	25 MIN @ 8% O2		x	x	x	x	x	x		x	x		x	x	x	
M171	25	P4	2 mg/kg LPS	25 MIN @ 8% O2		x	x	x	x	x	x		x	x		x	x	x	