

Additional file 4. **Descriptive statistics for microglia cells by condition**

Criteria	Controls (n=7)				LPS (n=6)			
	H	FC	S	C	H	FC	S	C
GFP Intensity	9985 (1097)	11307 (1815)	9877 (1289)	10419 (1292)	11360 (2737)	12109 (1524)	10508 (1797)	11869 (2709)
Cell Body Area (μm^2)	22.72 (2.24)	21.93 (1.98)	22.87 (2.1)	20.45 (0.84)	26.47 (1.33)	25.34 (1.35)	26.47 (1.04)	24.69 (1.98)
Cytoplasm Area (μm^2)	74.42 (8.80)	63.39 (9.79)	66.28 (4.09)	123.4 (24.37)	149.4 (23.23)	123.0 (11.39)	129.2 (14.44)	177.0 (29.81)
Complexity Index	5.89 (1.45)	5.68 (1.58)	7.98 (1.80)	4.49 (0.22)	4.98 (0.51)	6.09 (0.81)	7.30 (1.35)	3.59 (0.23)
CEA (μm^2)	953.4 (330.7)	950.6 (400.9)	1378 (489)	450 (109.7)	907.6 (146.2)	1184 (253.5)	1499 (396)	360.1 (145.9)
Density (Cells/mm^2)	240.7 (53.38)	370.8 (101.3)	250.2 (55.59)	99.12 (23.61)	174.0 (56.44)	373.8 (58.42)	256.5 (55.84)	62.76 (46.31)

Values are expressed as mean (\pm standard deviation of the mean)