

**Supplementary Table 1:** Electrophysiological parameters of fused NS/microglia and NS cells

<b>Day 21 <i>in vitro</i></b>	NS Cells (n = 6)	Fused Cells (n = 6)
Resting membrane potential (mV)	-23.2 ± 1.6	-21.1 ± 2.0
Membrane capacitance (pF)	5.0 ± 0.9	4.9 ± 0.9
Input resistance (MΩ)	3490 ± 251	1637 ± 231* p < 0.001
<b>Day 24 <i>in vitro</i></b>		
	NS Cells (n = 6)	Fused Cells (n = 6)
Resting membrane potential (mV)	-24.5 ± 1.4	-32.6 ± 2.9* p = 0.03
Membrane capacitance (pF)	5.7 ± 0.3	6.3 ± 1.4
Input resistance (MΩ)	2613 ± 319	1205 ± 204* p = 0.004
<b>Day 27 <i>in vitro</i></b>		
	NS Cells (n = 6)	Fused Cells (n = 6)
Resting membrane potential (mV)	-24.7 ± 2.7	-36.5 ± 3.6* p = 0.027
Membrane capacitance (pF)	6.3 ± 0.7	6.6 ± 1.0
Input resistance (MΩ)	3302 ± 386	1208 ± 519* p = 0.009

Means ± SEM. \*P < 0.05, unpaired *t*-test