

Supplementary Figure 1

Cytokine/proliferation comparison (+medium vs +adrenomedullin)	P value T test	P value Mann-Whitney Test
IL-17 (unstimuli)	0.1792 (ns)	0.5211 (ns)
IFN $\gamma$ (unstimuli)	0.3287 (ns)	1.000 (ns)
IL-2 (unstimuli)	0.1792 (ns)	0.5211 (ns)
CXCL10 (unstimuli)	0.1075 (ns)	0.1745 (ns)
proliferation (unstimuli)	0.0065 (**)	0.0028 (**)
IL-17 (stimuli: MOG)	<0.0001 (***)	<0.0001 (***)
IFN $\gamma$ (stimuli: MOG)	0.0013 (**)	0.0029 (**)
IL-2 (stimuli: MOG)	<0.0001 (***)	<0.0001 (***)
CXCL10 (stimuli: MOG)	0.0340 (*)	0.0891 (ns)
proliferation (stimuli: MOG)	0.0004 (***)	0.0091 (**)

Supplementary Figure 2

Cytokine (control vs adrenomedullin)	P value T test	P value Mann-Whitney Test
<b>Spinal cord</b>		
IL-17 (unstimuli)	0.7246 (ns)	0.8437 (ns)
IFN $\gamma$ (unstimuli)	0.925 (ns)	0.5412 (ns)
IL-2 (unstimuli)	0.4828 (ns)	1.000 (ns)
IL-17 (stimuli: MOG)	<0.0001 (***)	0.0079 (**)
IFN $\gamma$ (stimuli: MOG)	0.1224 (ns)	0.0317 (*)
IL-2 (stimuli: MOG)	<0.0001 (***)	0.0079 (**)
<b>Brain</b>		
IL-17 (unstimuli)	0.2545 (ns)	0.3360 (ns)
IFN $\gamma$ (unstimuli)	0.1844 (ns)	0.3340 (ns)
IL-2 (unstimuli)	0.3371 (ns)	1.000 (ns)
IL-17 (stimuli: MOG)	0.0002 (***)	0.0006 (***)
IFN $\gamma$ (stimuli: MOG)	0.4724 (ns)	0.2593 (ns)
IL-2 (stimuli: MOG)	<0.0001 (***)	0.0006 (***)

Supplementary Figure 3

Surface markers and cytokines  
(LPS vs LPS+adrenomedullin)

P value T test

P value Mann-Whitney Test

CD86	0.0819 (ns)	0.1 (ns)
CD80	0.0089 (**)	0.0286 (*)
CD40	0.0076 (**)	0.0286 (*)
TNF $\alpha$	0.0026 (**)	0.0143 (*)
IL-12	0.0018 (**)	0.0286 (*)
IL-6	0.0141 (*)	0.0295 (*)
IFN $\gamma$	0.0519 (ns)	0.0898 (ns)
IL-10	0.0133 (*)	0.0143 (*)