

Supplementary Material: Cyanobacteria *Scytonema javanicum* and *Scytonema ocellatum* Lipopolysaccharides Elicit Release of Superoxide Anion, Matrix-Metalloproteinase-9, Cytokines and Chemokines by Rat Microglia In Vitro

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Table S1. The effect of *E. coli*, *S. javanicum*, and *S. ocellatum* LPS on neonatal rat microglia TXB₂ release.

TXB ₂ Release						
LPS	<i>E. coli</i>	<i>S. javanicum</i>		<i>S. ocellatum</i>		
[ng/mL]	[pg/mL]	n ^a	[pg/mL]	n ^a	[pg/mL]	n ^a
0	6748.2 ± 613.3	3	6748.2 ± 613.3	3	6748.2 ± 613.3	3
0.1	4683.0 ± 984.4	3	4649.3 ± 2641.3	2	4593.8 ± 2188.1	2
1	6488.8 ± 1278.4	3	5947.4 ± 384.7	3	6812.9 ± 645.4	3
10	6795.3 ± 1266.6	3	6120.7 ± 1,218.9	3	6553.9 ± 756.6	3
100	7698.5 ± 1779.9	3	6207.3 ± 687.9	3	6545.1 ± 712.2	3
1,000	ND		6435.5 ± 395.8	3	7345.9 ± 827.9	3
10,000	ND		6806.5 ± 1320.0	3	6959.0 ± 1282.0	3
100,000	ND		8547.1 ± 1073.6	3	7328.5 ± 547.5	3

^a Neonatal rat microglia ($1.8\text{--}2.0 \times 10^5$ cells/well) were treated with *E. coli* LPS [0.1–100 ng/mL], *S. javanicum* LPS [0.1– 1×10^5 ng/mL], or *S. ocellatum* LPS [0.1– 1×10^5 ng/mL] for 18 h in vitro. TXB₂ was determined as described in Materials and Methods. Data expressed as pg/mL is the mean ± SEM from 2 or 3 independent experiments (n), each with triplicate determinations. ND: Not done.