

Supplementary Materials: Pertussis Toxin Exploits Host Cell Signaling Pathways Induced by Meningitis-Causing *E. coli* K1-RS218 and Enhances Adherence of Monocytic THP-1 Cells to Human Cerebral Endothelial Cells

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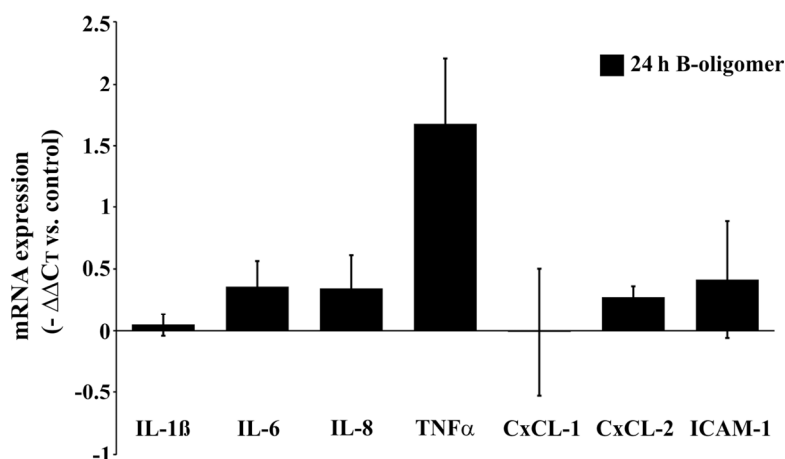


Figure S1. Long-term application of the PTx B-Oligomer has no effect on the expression of IL-1β, IL-6, IL-8, CxCL-1, CxCL-2 and ICAM-1 in TY10 cells. qRT-PCR analysis of TY10 cell treated with B-oligomer (200 ng/mL, 24 h) does not affect IL-1β, IL-6, IL-8, TNFα, CxCL-1, CxCL-2 and ICAM-1 mRNA levels. Bars represent the mean ± SEM of at least three independent experiments performed in duplicates. Statistical significance was determined by ANOVA followed by Bonferroni post hoc test.

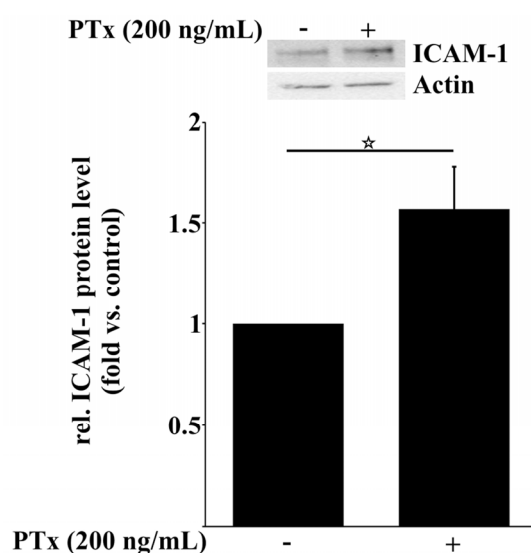


Figure S2. PTx increases ICAM-1 expression in cerebral TY10 endothelial cells. Western blotting analysis of whole TY10 cell lysates after PTx application (200 ng/mL, 24 h) show increased ICAM-1 protein expression levels. Bars represent the mean ± SEM of three independent experiments performed in duplicates. * $p < 0.05$ (determined by the two-tailed Student's t -test). +: with PTx treatment; -: without PTx treatment.