**SUPPLEMENTARY FIGURES**

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*Figure S1:* Fold-changes of pro-inflammatory mRNAs for NT, 100 μM NMDA, and 100 mM NaCl slices at 6h (n=3-12).

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*Figure S2:* Fold-changes of excitation-related proteins and antioxidant enzyme mRNAs mRNAs for NT and 100 μM NMDA slices at 6h (n=3-12).

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*Figure S3:* Fold-changes of antioxidant mRNAs for NT, 1000 mM MSG, and 1000 mM NaCl slices at 6h (n=1).