

# Supplementary Material

## Effects of *Thymus vulgaris* L., *Cinnamomum verum* J.Presl and *Cymbopogon nardus* (L.) Rendle essential oils in the endotoxin-induced acute airway inflammation mouse model

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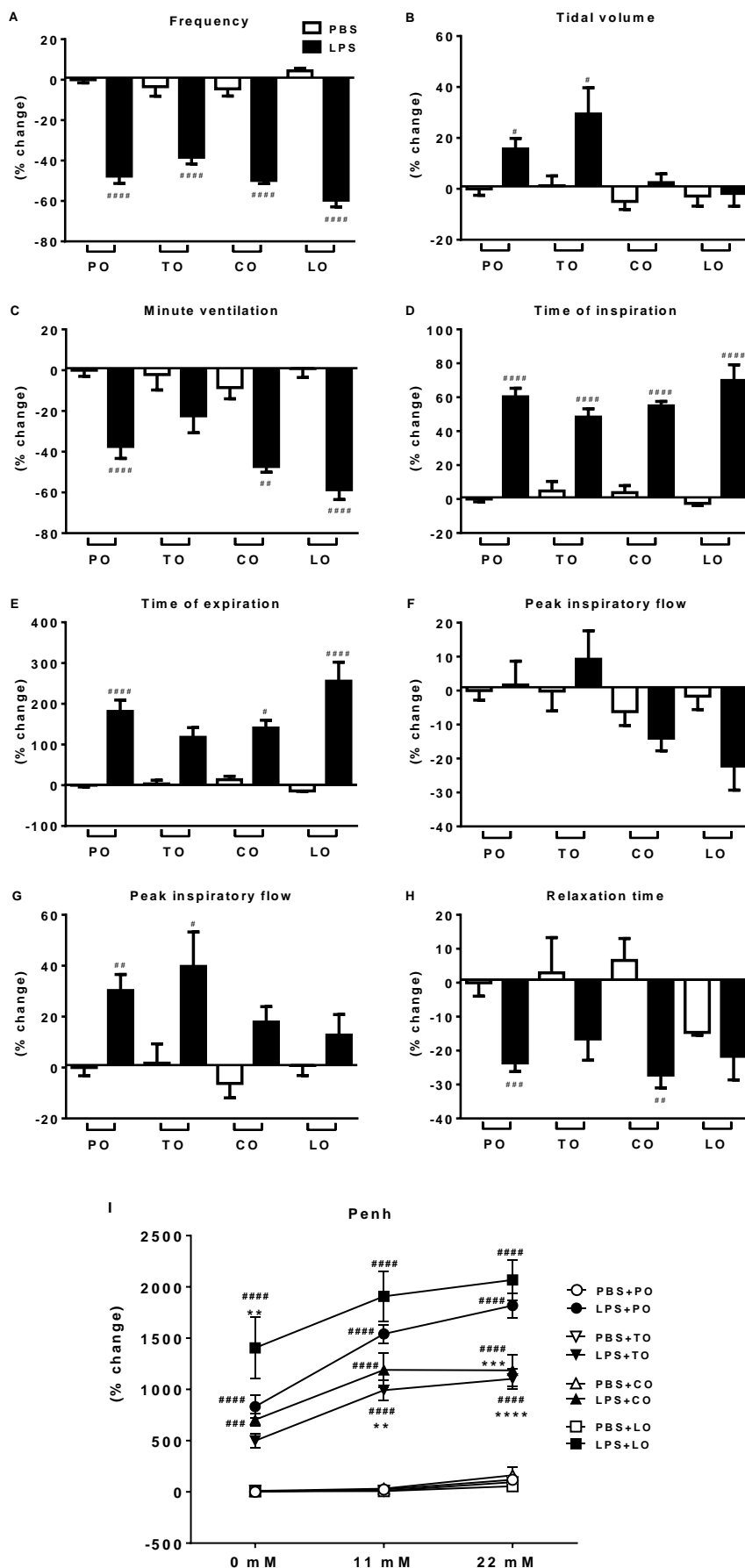
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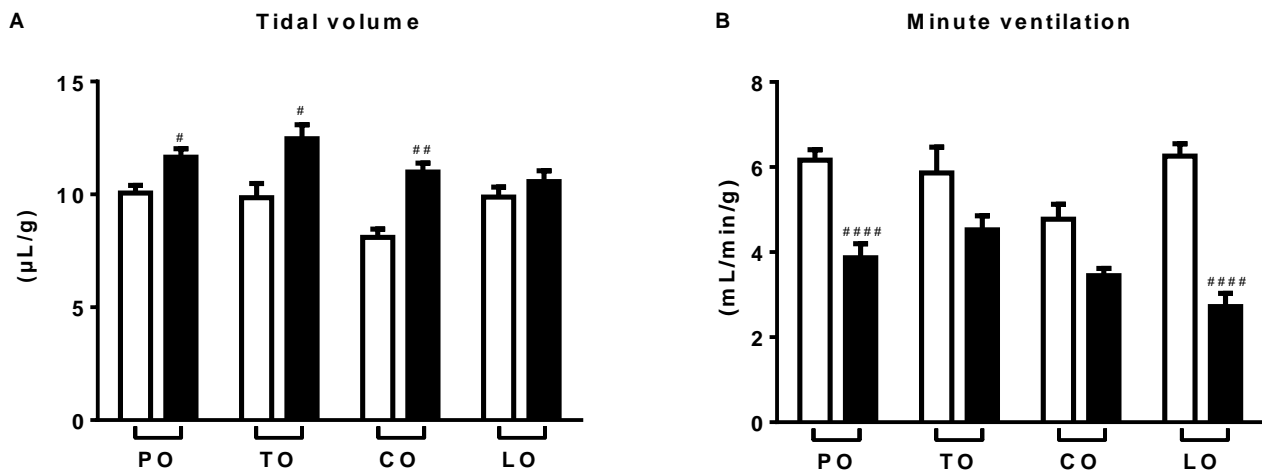
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**Figure S1.** Percentage changes of respiratory parameters measured by unrestrained whole-body plethysmography



**Figure S1.** Effects of thyme (TO), cinnamon (CO) and lemongrass essential oil (LO) on respiratory parameters after LPS/PBS treatment compared to paraffin oil (PO) and PBS treatment as control. (n = 8-10 / group, #p < 0.05, ##p < 0.005, ###p < 0.0005, ####p < 0.0001 vs. respective PBS-treated group, \*p < 0.05, \*\*p < 0.005, \*\*\*p < 0.0005, \*\*\*\*p < 0.0001 vs. LPS-PO-treated mice)

**Figure S2.** Tidal volume and Minute ventilation normalized to body weight



**Figure S2.** Effects of thyme (TO), cinnamon (CO) and lemongrass essential oil (LO) on (A) tidal volume and (B) minute ventilation compared to paraffin oil (PO) after LPS/PBS treatment. (n = 8-10 / group, # $p < 0.05$ , ## $p < 0.005$ , ### $p < 0.0005$ , #### $p < 0.0001$  vs. respective PBS-treated group)

**Table S1.** Body weights of the mice

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<b>Group</b>	<b>0h</b>	<b>24h</b>
	<b>Mean±SEM (g)</b>	<b>Mean±SEM (g)</b>
PBS+PO	19.5±0.38	19.4±0.41
LPS+PO	21.7±0.48	19.4±0.39
PBS+TO	19.2±0.75	19.2±0.70
LPS+TO	20.5±0.22	18.0±0.26
PBS+CO	20.1±0.70	20.1±0.70
LPS+CO	22.6±1.56	20.1±1.32
PBS+LO	22.7±0.61	22.9±0.55
LPS+LO	20.5±0.42	18.1±0.40