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Systemic *Staphylococcus aureus* infection in restraint stressed mice modulates impaired immune response resulting in improved behavioural activities

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Abbreviations:

HPA, hypothalamus-pituitary-adrenal; COX, Cyclooxygenase; iNOS, inducible nitric oxide synthase; HSP, heat shock proteins; SOD, super oxide dismutase; GC, glucocorticoids; LPS, lipopolysaccharides; IAEC, Institutional Animal Ethics Committee; CFU, colony forming units; TSST, toxic shock syndrome toxin; PBS, phosphate buffered saline; AChE, acetylcholine esterase; MPO, myeloperoxidase; GSH, reduced glutathione.

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