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Title: Evaluation of the antidepressant-like potential of silymarin and silymarin-sertraline combination in mice: highlighting the effects on behaviour, oxidative stress, and neuroinflammation

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Animal Care and Use Statement

I certify that *in vivo* experiments were performed only after receiving formal authorization by the Institutional "Animal Care and Use Committee" of the Ladoke Akintola University of Technology, Ogbomosho, Oyo State Nigeria. The mice were housed in a specific pathogen-free environment, and a 12 h light/dark cycle was maintained. The mice had access to water and rodent laboratory chow ad libitum; the weights of the mice as well as diarrhea were recorded daily. The procedures for the care and handling of the animals used in the study were in accordance with the European Directive 2010/63/EU on the protection of animals used for scientific purposes.

Best Regards,

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