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Authors: Stífani Machado Araujo, Marcia Rósula Poetini, Vandreza Cardoso Bortolotto, Shanda de Freitas Couto, Franciane Cabral Pinheiro, Luana Barreto Meichtry, Francielli Polet de Almeida, Elize Aparecida Santos Musachio, Mariane Trindade de Paula, Marina Prigol

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Chronic unpredictable mild stress-induced depressive-like behavior and dysregulation of brain levels of biogenic amines in *Drosophila melanogaster*

Stífani Machado Araujo[a], Marcia Rósula Poetini[a], Vandreza Cardoso Bortolotto[a] Shanda de Freitas Couto [a,b], Franciane Cabral Pinheiro[a], Luana Barreto Meichtry[a], Francielli Polet de Almeida[a], Elize Aparecida Santos Musachio[a], Mariane Trindade de Paula[a], Marina Prigol [a,b] *

[a]Laboratório de Avaliações Farmacológicas e Toxicológicas Aplicadas às Moléculas Bioativas (LaftamBio Pampa) - Universidade Federal do Pampa, Itaqui, CEP 97650-000,RS, Brasil.

[b]Departamento de Nutrição, UNIPAMPA- Campus Itaqui, RS, Brasil

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*Corresponding author at: Laboratório de Avaliações Farmacológicas e Toxicológicas Aplicadas às Moléculas Bioativas (LaftamBio Pampa). CEP 97.650-000 Itaqui, RS, Brazil. Phone: 55-55-3433-1669.
E-mail address: marinaprigol@gmail.com (M.Prigol)

Highlights

- The validity of the CUMS paradigm was confirmed in *D. melanogaster* model
- CUMS induced depressive-like behavior in *D. melanogaster*
- CUMS decreases biogenic amine levels in *D. melanogaster*
- CUMS induces longer immobility time in FST in *D. melanogaster*
- FLX exerts antidepressant effect on the induction of depressive-like behavior

Abstract