Dear Professor Julián Monge-Nájera

Universidad de Costa Rica Vicerrectoría de Investigación

Revista de Biología Tropical, Costa Rica

I write to submit our manuscript (RESEARCH ARTICLE) entitled “**Ultrastructural changes caused by a methanolic extract of Rhinella schneideri (cururú toad) poison in nerve terminals of mouse phrenic nerve-diaphragm preparations**” by Sandro Rostelato-Ferreira and colleagues for consideration for publication in the Revista de Biología Tropical.

The manuscript describes alterations produced by a methanolic extract produced from the secretion of the granular gland (or parotoid gland) of the cururú toad, *Rhinella schneideri*, which is largely distributed and well-adapted in dry and wet lands in Brazil. Numerous studies have reported the composition of the granular gland secretion of this species and others from the same genus, indicating the richness of biologically compounds. The great majority of studies describe the anti-proliferative and toxicological action of the gland poison, as well as, a well-characterized cardiotoxic action. The originality of the present study resides in a poorly explored effect that the poisonous secretion presents, that is a neurotoxic action at the neuromuscular junction of avian and mammal. Just two articles have been delivered on the theme, and they describe the pharmacological effect on nerve-muscle preparations, suggesting its pre-synaptic site of action. Herein, our purpose is to investigate by transmission electron microscopy and immunofluorescence if the pharmacological data is confirmed or not.

This is an original work that is of interest to the journal readers and is not under consideration by any other journal. We would like to thank you in advance for receiving our manuscript and considering it for reviewing and be part of the next issue. We appreciate your time and look forward to your response.

Sincerely yours,

Sandro Rostelato-Ferreira, Ph.D.

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