Title:

Total protein composition of young and adult *Biomphalaria alexandrina* snails with different compatibilities to *Schistosoma mansoni* infection

All authors; Hayam A. Sadaka, Iman F. Abou-El-Naga, Eglal I. Amer, Iman H. Diab, Safaa I.A. Khedr, confirm that:

- The document is original.

- All authors agree with publication.

- In this work, all authors meet the ethical requirement.

- The importance of the current study to Tropical biology and conservation:

This study was conducted on *Biomphalaria* snails; the freshwater snails that act as obligate intermediate hosts for *Schistosoma mansoni* in tropics and sub-tropics. Infection by this parasite leads to schistosomiasis, a neglected tropical disease causing persistent and debilitating manifestations. The study is concerned with host parasite interaction; focusing on the importance of age on the protein composition of the snails.

- All authors agree to pay excess page fee charges if required.

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