

Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_91877
Title of the Manuscript:	Toxicity of methonolic extract of fruits of Catunaregam spinosa (Rubiaceae) on Danio rerio embryos
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

<https://www.journaljpri.com/index.php/JPRI/editorial-policy>

Review Form 1.6

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	<p>Abstract: The conclusion of the study did not refer to the teratogenic effect methanolic extract of fruits of <i>C. spinosa</i></p> <p>Introduction Thus this study would be helpful in unveiling more details about the piscicidal activity of this plant found in Sri Lanka. Clarify this point as this the aim of the study.</p> <p>Methodology 2.1. Preparation of plant extract. Ref. must be added.</p> <p>Results and discussion The exact p value either significant or non-significant must added</p>	
Minor REVISION comments	<p>INTRODUCTION</p> <ol style="list-style-type: none"> 1. Among the activities of anti- oxidant, anthelmintic, anti- inflammatory, cytotoxicity and insecticidal, piscicidal property of <i>C. spinosa</i> has been occupied among the people since decades ago. Clarify this sentence 2. It ease the fishermen to harvest the crop. Change to : It eases the fishermen to harvest the crop. 3. Triterpenoid saponins and rotenone are well known functional agents in fish poisoning [6]. Other than those cardiac glycosides, alkaloids and tannins escort synergetic effect in fish poisoning [7]. Change to: while triterpenoid saponins and rotenone are well known components in fish poisoning [6], cardiac glycosides, alkaloids and tannins escort synergetic effect in fish poisoning [7]. 4. A research carried out in Nepal on piscicidal activity of <i>C. spinosa</i> reported its LC50 as 0.0036% (w/v) within 5 hrs on <i>Heteropneustes fossilis</i> [9]. LC50 of which part of the plant? <p>Results and discussion</p> <ol style="list-style-type: none"> 1. In table 2: add the significance marks 2. In figure 1: add the significance marks 3. Saponins affect both physiological and behavioral activities of nauplii. It disturbs the normal growth of nauplii and suffocate them by lowering water surface tension causing them for excess use of respiratory organs [8, 18] De Vera et al., 2016). Adjust ref. format. 4. Organic acids are also found in seeds of <i>C. spinosa</i> [23]. In our study 96 h LC50 values of methonolic fruit extract of <i>C. spinosa</i> was 19.50 mg L⁻¹ at 95% confidence level. Change to: methanolic fruit extract 	
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

Name:	Ahmed Ahmed Abdelsameea
Department, University & Country	Zagazig University, Egypt