

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_129031
Title of the Manuscript:	Pharmacokinetics of enrofloxacin in Rohu (<i>Labeo rohita</i>): A comparison of bath, intramuscular, and oral administration
Type of the Article	Original Research Article

PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	Food safety is very important for humanity. Increasing the productivity of industrial fisheries and fish farming is also very important. The authors studied the pharmacokinetics of fluoroquinolones - enrofloxacin in fish. This is very important, as it not only allows for correct dosing, but also shows the residence time of fluoroquinolones in fish.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	To indicate practical implications for fish producers and food toxicologists	
Is the manuscript scientifically, correct? Please write here.	Yes, the manuscript is written in scientific language.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The links are up to date. There are many more works starting from the 1980s on the HPLC method.	

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Is the language/English quality of the article suitable for scholarly communications?	It's hard to answer. I understand the meaning of the article.	
Optional/General comments	<p>There are questions and comments. 1. Anesthesia of fish. Selection of anesthetic and concentration. Reference to this anesthesia method. 2. Validation of the method for determining enrofloxacin. 3. In the materials and methods, the authors write about the cutaneous administration of enrofloxacin in the bath, and in the text they write about the peroral and parenteral administration of the drug. 3. How did you achieve the pH of the medium? 4. Sample preparation. 5. How does your method for determining enrofloxacin differ from others?</p> <p>The topic is very interesting. However, there are many English-language and Russian-language articles on the pharmacokinetics of fluoroquinolones, and enrofloxacin in particular, in fish of different breeds in the public domain. A method for determining enrofloxacin in biological material by HPLC with UV identification is known. It is not clear how the authors extracted enrofloxacin from fish blood and how this affected the final concentration of the drug. There is no method for mathematical analysis of the results obtained. There is no presentation of the pharmacokinetic function of enrofloxacin in the traditional form - concentration-time. Why did the authors not determine the concentration of enrofloxacin in fish organs? This is a question of food safety. Why did not the authors determine the metabolites of enrofloxacin? Reference samples for HPLC are available.</p>	

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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