**Design, synthesis and biological evaluation of organotin(IV) complexes of flumequine and cetirizine.**

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**Response to Reviewers**

Introduction: As per instructions from reviewers the suggested changes have been made. It is given in questions answers form.

**Reviewers A:**

1. The reported spectral data are in accordance with the expected values, but their representation in
Experimental section needs to be adjusted according to the Journal’s style.

Answer: Done as per instructions.

1. Synthesis of the complexes has to be moved to Results and Discussion part.

Answer: Done as per instructions.

1. The antioxidative potential is determined using DPPH test and represented as IC50 values given in μg/ml. Since these complexes have different molecular weights, it is difficult to determine which one is the most active. Figure 1 has to be modified and IC50 values should be represented as μM.

Answer: Fig.-1 changed as per instructions.

1. Regarding the language, this article contains numerous mistakes throughout the manuscript, both regarding grammar and spelling. Some of the sentences are very confusing and difficult to understand.

Answer: The revised manuscript is thoroughly changed and the mistakes are corrected so to sentences according to best of our efforts.

**Reviewers B:**

1. The manuscript is not very innovative and the work reported here is not very sound but is worthy of publication as it can be useful for people working in the same field of research.

Answer: It is worthy and innovative in the sense that this is done to enhance the working capacity of previously marketed drugs which are not in common use now.

1. Introduction is not up to date.

Answer: The introduction of the manuscript is thoroughly revised with latest work done in this field and as per instructions of the reviewer.

1. Experimental part regarding biological tests is not complete. It is based on previous papers but the manuscript should include an example description of the method of each of the tests carried out for the determination of the biological properties (antioxidant, antifungal, antimicrobial) at least
briefly.

Answer: The method of each of the tests carried out for the determination of the biological properties (antioxidant, antifungal, antimicrobial) are included and briefly discussed in the revised manuscript.

1. It is difficult to know how these compounds are behaving in solid state, especially when some of those are having the carboxylate ligand as bidentate and some others as monodentate ligand.

Answer: The synthesized products were in powder form. The IR values ∆ν, (∆ν = ν (COO)asy - ν (COO)sym) less than 200 cm*−*1 indicates the bidentate coordination while the value of the Δνgreater than 200 cm*−*1 indicates monodentate, which is well known according to previous studies. As IR is technique of solid state so this clearly tells the behavior of solid state. Clearly discussed in IR section.

1. The results are not very well discussed, the manuscript only includes sentences such as: Triphenyltin(IV) derivatives has shown batter results as compared with all other complexes and neutral ligands”, but no explanation of why. No discussion of the results. This happens in most of
the biological tests studied here.

Answer: The reasons of these are briefly discussed in the revised manuscript.

1. Finally, I would like to comment about the high quantity of spelling mistakes such as “batter” “toulene” etc and the grammar that is a bit confusing in some paragraphs of the manuscript.

Answer: The revised manuscript is thoroughly changed and the mistakes are corrected so to sentences according to best of our efforts.

**Reviewers C:**

1. IR and NMR data values were missing and not correctly written: MHz values do not agree with Exp. Section.

Answer: The IR and NMR values were thoroughly checked and corrected and the characterization data is shifted to the supplementary material file to this paper as per style of this journal and instructions of the reviewer.

1. The limitations in thermal studies.

Answer: All the results and values were checked and the changes were made as per tga-dsc graphs. It is correct that two Me disappears in the first step. Mistakes corrected.

1. However, there are many inconsistencies between the spectroscopic data discussed in the text
and those given in the Exp. Section (see corrections suggested to authors).

Answer: All the limitations in the manuscript are addressed in the revised form and we tried to overcome these deficiencies raised by the reviewers.

1. Attach NMR spectra and TG-DSC graphs.

Answer: NMR spectra and TG-DSC graph are attached in supplementary material file to this paper.