Dear Prof. Branislav Z Nikolic

Editor in Chief Journal of the Serbian Chemical Society

Thanks very much for your e-mail at 2-Jul-2019 about of our Manuscript entitled “La2O3/Co3O4 nanocomposite modified screen printed electrode for voltammetric determination of sertraline at trace level”. I revised the manuscript on the basis of reviewer's comments. All changes and corrections were marked with red pen in the revised manuscript. I hope the revised paper may be suitable for publication in Journal of the Serbian Chemical Society. Kindly do the needful at an early date. Hope to hear from you soon.

With Best Regards

Dr. Sayaed Zia Mohammadi

Response to Reviewer:

**In the comment 2, the reviewer asked you “if the designed modified electrode was demonstrated for the first time to the determination of analytes by voltammetry”, but in the response you said “La2O3/Co3O4/SPE was never used before for determination of sertraline”. Please answer directly to the question – was it used for any analyte, and if it was, those articles have to be cited.**

Dear reviewer, La2O3/Co3O4/SPE was used for electrochemical determination of carvacrol29 and cabergoline30. This sentence and related references were added to text.

**Regarding the comment 4, in the revised manuscript is the sentence: “Phosphate buffer solutions (PBS) was used as the supporting electrolyte.”, there is no “with different pH values was used as supporting electrolyte.” as you stated in the response to the reviewer.**

Dear reviewer, “with different pH values” was added to this sentence.

**In the comment 7 the reviewer was wandering how is possible to have pH 2 with PBS since this buffer has pH range 5.8 to 8.0. In the response you said that it is corrected, but the sentence “the electrochemical activity of sertraline was examined in 0.1 M PBS with different pH (2.0–9.0)” is still there. Also, you added Fig. 2 with the peak currents as a function of pH, but there is no sense to present the peak currents before the voltammograms are shown.**

Dear reviewer, for phosphoric acid (H3PO4) pKa1 is 2.148, pKa2 is 7.199 and pKa3 is 12.15.

Based on the Henderson–Hasselbalch equation, the best pH for buffer reagent is pH=pKa±1, as we stated above pKa1 for H3PO4 is 2.148, Therefore, based on the Henderson–Hasselbalch equation, we can have PBS with pH=2. Therefore with using of H3PO4 and H2PO4- with equal concentrations, wecan obtained a buffer solution with pHs= 2.148.

Also, we added DPVs of modified electrode in the presence of sertraline in different pH value in Figure 2.