



Confidential

Supervisor's Review of USB RIFCH PhD Thesis

Surname of the PhD student: Christoph Steinbach	Name of supervisor: Hana Kocour Kroupová
Title of PhD thesis: Effect of selected cardiovascular pharmaceuticals found in aquatic environment on fish	

OVERALL COMMENTARY ON THE PhD THESIS

The PhD thesis is clearly and logically structured. The thesis is written in standard scientific English and the text is easy to follow.

Introduction gives a thorough overview of the current knowledge on the effect of the most important cardiovascular pharmaceuticals on fish. This shows evidence of a good familiarity with the material published on the topic. Moreover, the outline, purpose, and the aims of the work are concisely presented in the introduction. The work then closely follows this structure.

The thesis covers 3 manuscripts submitted to international journals and 2 already published articles. PhD candidate is the first author of 2 manuscripts and 2 published articles. I would like to point out that the journals where the articles have been published or submitted to belong to leading journals of their fields, i.e. field of environmental sciences, toxicology, and veterinary sciences.

Discussion gives a well-organized overview of the most important findings covered in the PhD thesis. These findings are put into a broader context of already published data and their significance is highlighted. Conclusions are drawn correctly.

To sum up, the PhD thesis represents high level and very complex scientific work. It is obvious that student is very familiar and comfortable with the topic he is focused on. Finally, all objectives of the work have been fulfilled. Therefore, I would like to recommend the PhD thesis for defence.

FINAL RECOMMENDATION

- can be recommended for defence of PhD Thesis
 can be recommended with reservations for defence of PhD Thesis
 can not be recommended for defence of PhD Thesis

30.4.2015 VE VODŇANECH

Date and place

H. K. Kroupová

surname and signature