



Confidential

Supervisor's Review of USB RIFCH PhD Thesis

Surname of the PhD student: Latifeh Chupani	Name of supervisor: Eliska Zuskova
Title of PhD thesis: Physiological and molecular responses of aquatic organisms to chemicals exposure	

OVERALL COMMENTARY ON THE PhD THESIS

The presented thesis named **Physiological and molecular responses of aquatic organisms to chemicals exposure** is clearly divided into seven chapters, where five of them consist of scientific publications (2 submitted and 3 already printed). The work is very well written, all the goals, such as using of integrated biomarkers approach to evaluate fish response to diet born ZnO nanoparticles and assessment of PAA safety for aquaculture application, were achieved, and therefore fulfils the conditions necessary for a successful defence.

Latifeh has always been very responsive to the job, looking for new incentives and techniques to improve the quality of the published results. During her studies, she many times travelled to specialized workplaces, where she worked under the supervision of various experts to produce samples and results for the preparation of this thesis.

It has been an honour to me to be her supervisor.

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

L. S. 2014

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Date and place

ZUSKOVA Eliska

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surname and signature