



Confidential

Supervisor's Review of USB RIFCH PhD Thesis

Surname of the PhD student: Sakalli Sidika	Name of supervisor: Žlábek V.
Title of PhD thesis: Bioactive chemicals in the aquatic environment and their effects on fish - Special focus on piscine cytochrome P450.	

OVERALL COMMENTARY ON THE PhD THESIS

Structure

The PhD thesis is very clearly structured. The essential argument is well defined in the introduction. The outline of the work is concisely presented in the introduction. The work then closely follows this structure. Each chapter covers a specific element of the project, and in turn each chapter is well-ordered and presented. The theoretical sections are also well laid out, offering readers the information they need in a systematic manner. Overall, the structure is very logical and follows a well-defined path.

Content

The candidate has established a very clear argument for the thesis in the introduction, which is then well developed throughout the rest of the work.

The candidate starts with a survey of the literature. This shows evidence of a good familiarity with the range of material published on the broader subject. It is also explained how the thesis fits into this wider body of work and how it makes an original contribution by, in particular, shedding more light on specific effects of selected pharmaceuticals in fish. The thesis is commented compile of 5 published articles, while Ph.D. candidate is the first author of 3. The author further specifies her contribution to each study and final papers.

It is obvious that student is very familiar and comfortable with the concepts she is discussing. Moreover, the explanation of the methodology used is suitably thorough and persuasive. The candidate have a very good grasp of the necessary analytical tools required to carry out this form of biochemical analysis.

As for sources, the candidate has shown a keen awareness of the extensive range of articles available on the topic.

Language and graphical quality

The thesis is very well written and the points being made by the candidate are clear and descriptive. It's standard scientific English.

General Comments

Sidika Sakalli is an enthusiastic, energetic and well-organized student. She demonstrated good laboratory, writing and social skills, and fulfilled all given requirements.

FINAL RECOMMENDATION



Fakulta rybnářství
a ochrany vod
Faculty of Fisheries
and Protection
of Waters

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice
Czech Republic

- 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

1.5.2018, Vodňany

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Date and place

Žlábek Vladimír

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surname and signature