



Confidential

Supervisor's Review of USB RIFCH PhD Thesis

Table with 2 columns: Surname of the PhD student, Name of supervisor, and Title of PhD thesis.

OVERALL COMMENTARY ON THE PhD THESIS

During four years of her PhD study (2009-2012) mostly in my laboratory, later in Martin Psenicka's laboratory, she was an active student with excellent publication level and great creativity. We invited "Azi" with Hadi Alavi to join our group for further cooperation and to develop methodology for study of endocrine disrupting chemicals on fish sperm functions in the cellular and molecular level. Upon coming to our faculty and laboratory as the second student from Iran in Vodnany, she started to develop a study of Bisphenol A effect on sperm motility characteristics in perch and then she tried to understand the mechanisms of action of mercury on sperm morphology, ATP content and motility in the same species. She also investigated the morphology and fine structure of Acipenser persicus (Acipenseridae, Chondrostei) spermatozoon, then she studied adverse effects of Bisphenol A on reproductive physiology in male goldfish at environmentally relevant concentrations and finally she investigated theory how the steroidogenesis transcriptomic is functioning in fish exposed to endocrine disrupting chemicals. Without her creativity and simplicity for this field of toxicology science, our lab would never develop such study. She has published, as the first author, more than 6 peer-reviewed papers with two more papers accepted and as coauthor 4 more papers. Her papers have citation level around 20, without self-citations, with h-index 3. She was also involved in studies or research activities in the laboratory of Tomas Policar, which have not been included in her thesis. Last but not least, during four years with us "Azi" expressed herself and matured as an excellent and creative scientist/lady who is fully enjoying travelling, life, including science as pleasure job. I understand that she is able to accomplish outstanding results in near future.

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

5.6.2012

Date and place

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surname and signature