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Review of BSc. thesis:
Quynh Nguyenova
Analysis of NHR-25 function on yolk expression in *C. elegans*

BSc. thesis of Quynh is written on 22 pages, which is not extremely a lot of reading, yet it contains all required chapters. It is written in very good and readable English (in contrast to this review, sorry). As a reader, I especially appreciate good structure of the material, including clearly stated goals, short but informative introduction with explanatory figures. The introduction quotes several original studies or reviews. Some of them are also in the reference list. Unfortunately not many and the actual overlap between references in the text and the list is smaller than what it should be. Which is not very user-friendly to reader who might want to go and check the original work (as was my intention).

For example publications missing in the reference list:

Asahina et al. 2006
Mullaney et a. 2010
Achermann et al. 2001
Hodgkin et al., 1979
Hodgkin and Brenner, 1977
Hodgkin 1980
Raymond et al. 2000

I am not familiar with *C. elegans* formalism, but in insect and vertebrate literature we write latin names of (taxonomical) species in *italics*.

Questions:

1. Why do use two antibiotics (carbenicillin and tetracyclin)? (page 7)
2. Is NHR25 identically expressed (e.g. splicing) in males and hermafrodites, respectively?

The positive aspect of this work is that Quynh did actual experiments, which is more than what is required at our faculty. Especially in the study program of Biological Chemistry, where students have only 50% of time for experimental work in Ceske Budejovice (compared to pure biologists). The experimental work included "culturing" *C. elegans*, genetics (crosses) and microscopy.

Despite the minor formal deficits, I am convinced that BSc. thesis of Quynh Nguyen fullfils all requests expected from this type of work, and therefore as a reviewer I approve it for defence.

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David Dolezel

A handwritten signature in blue ink, appearing to read "Dolezel", is written on the right side of the page.