

Průběh obhajoby diplomové práce:

Candidate had adequate background about Notch Pathway and Sirtuin. Aims of thesis clearly stated. Nicely explained assay for quantification of phenotype as well as experimental design. Presented results from various fly strains exposing mutant form of Sirtuin 1 as well as RNAi and overexpression phenotype in whole body and wing disc. Conclude with model based on results.

Advisor review: good student, work evenings & weekends due to work and study. Mentioned a slight lack of conceptual understanding, but stated due to lack of overlap in lab. Results could have been more. Thesis done at last minute, would benefit from more time. Recommended mark 2.

Opinion 1: Alena Zikova - 2 introductions, not conceptual. But displayed ability to read papers. Very careful with data analysis but missing some data and lacks replicates. Summary not focused. Adequate start with mark "2"

Questions: Wadding effect, harness well in assay principle. Answered satisfactory. Opinion 2: Adam Bajgar: Interesting reading ~~and~~ introduction; methods; too too brief, file no cross-schemes. Results, suffers from methods, disagreement with interpreting comments about data analysis; Discussion - adequate synthesis of results with discussion. Strongest part. Overall falls short of better grade, recommends between 2-3. Questions 1-4, satisfactory. Question from Komissin:

Body:

Klasifikace: *velmi dobře* *J. Jelen*Celková klasifikace: *velmi dobře*Datum obhajoby: *24. 5. 2018*

..... *[Signature]*
podpis předsedy

Hodnocení ústních zkoušek:

[Signature]