

Průběh obhajoby bakalářské práce:

SUPERVISOR COMMENTS

→ PRELIMINARY SCREEN, COLLABORATORS, WORK ON LOF CANDIDATES, CAUTIOUS (A BIT TOO MUCH). FRUSTRATED BY TROUBLESHOOTING, PERIOD OF ILLNESS ABSENCE. EVENTUALLY PULLED THROUGH. GENERALLY OK

PRESENTATION:

- INTRODUCTION: TRYPANOSOME AS PARASITE & MODEL ORGANISM KINETOPHASTID & UNIQUE ORGANELLES
- AIM: CONFIRM MITOCHONDRIAL LOCALISATION OF 'TETRA'
- CANDIDATE TB... 1290. → TAGGING & RNAi LOF.
- METHODOLOGY: INSTITU TAGGING (HUNG PRIMER PCR CASSETTE PREP).
⇒ RECOMBINATION (POST TRANSFECTION & SELECTION)
★ GOOD LEVEL OF KNOWLEDGE DEMONSTRATED

RESULTS: CASSETTES OF APPROPRIATE SIZE & RESISTANT CLONES ID & CONFIRMED BY WESTERN BLOT (AGAINST TAG). IF MICROSCOPY ⇒ PATCHY CO-LOCALISATION (MITOTRACKER) & NOISE KDNA. (ALSO PATCHY CO-LOC WITH HEXOKINASE & ENOLASE). CRUDE CELLULAR FRACTIONATION ⇒ MITO? LOF TET INDUCIBLE RNAi TB 1290 INTERFERED CELL LINES, 1 TERM (DAYS) ↓ CELL NUMBER. PD

Body: 65

Klasifikace: X3 (2) & X2 (3)

Celková klasifikace: 2.0

Datum obhajoby: 23/01/2019

duB...
podpis předsedy

Hodnocení ústních zkoušek:

Immunology
72/1
Sh H

RESULTS CONT.

- CTERM DELETED LINE SHOWED NO SUCH EFFECT ON TET INDUCED RNAi
 - BOTH TAG VARIANT LINES LOSS OF PROTEIN BY TET INDUCED RNAi CONFIRMED :- EXPERIMENTALLY WORKING, MORE PRONOUNCED N TERM THAN CTERM.
- * OVERALL COMPETENT PRESENTATION

CONCLUSIONS

- CLEAR & LARGELY SUPPORTED BY DATA.

OPPONENTS QUESTIONS & REPORT

- OPPONENT GENERALLY SATISFIED (BUT DID QUESTION REASONING FOR SELECTION OF TARGET GENE)
 - ↳ ALSO QUESTIONED LACK OF ^{EXTENSIVE} DISCUSSION.
- OPPONENTS QUESTIONS WELL FIELD TO SATISFACTION OF OPPONENT.