MASTER'S THESIS EVALUATION

Thesis Opponent

Master student: Bc. Hynek Kasl **Department:** KKY

Thesis name: Characterisation of off-target activation in cell-cell signal transmission networks

	Subject of the evaluation	Above average	Average	Below average
1	Linguistic form and final polishing of the text	☐	☒	☐
2	Form and content of the thesis	☐	☒	☐
3	Suitability of the used methods	☒	☐	☐
4	Processing and evaluation methods	☒	☐	☐
5	Correctness of the results obtained	☒	☐	☐
6	Own contribution	☒	☐	☐
7		☐	☐	☐

Evaluation supplement, remarks, questions:

This work present a deep and thorough analysis of homogeneous single marker communication networks with one step activation. The technical part of the document has very high quality and reflects the comprehensive work performed by the author.

Comments for a better understanding of the presented work:

- Introduction should be more focused homogeneous single marker communication networks with one step activation, with more explanation of the role of receptors and antibodies rather than a general introduction in Quorum Sensing.

Minor comments: Equation 3.11 and Figure 4.2 do not appear.

Fulfillment of the tasks assigned	☒ fully	☐ partially	☐ none	
I recommend this thesis for a defense	☒ yes	☐ no		
Overall thesis grade	☒ **excellent**	☐ **very good**	☐ **good**	☐ **fail**

Name, surname, opponent's title: Alejandro Vignoni, PhD.

Opponent's department (university): Center for Systems Biology Dresden, Max Planck Institute of Molecular Cell Biology and Genetics. Dresden, Germany.

13/06/2016
Date

Signature