

**SOUHLASÍ
S ORIGINÁLEM**

MASTER'S THESIS EVALUATION

Thesis Opponent

Západočeská univerzita v Plzni
 Fakulta aplikovaných věd
 Institut biologie

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	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Form and content of the thesis	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Suitability of the used methods	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Processing and evaluation methods	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Correctness of the results obtained	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Own contribution	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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:

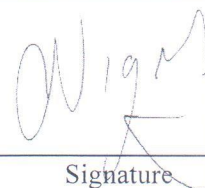
- Introduction should be more focused homogeneous single marker communication networks with one step activation, with more explanation of the role of receptors and antibodies rather than a general introduction in Quorum Sensing.

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

Fulfillment of the tasks assigned	<input checked="" type="checkbox"/> fully	<input type="checkbox"/> partially	<input type="checkbox"/> none
I recommend this thesis for a defense	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	
Overall thesis grade	<input checked="" type="checkbox"/> excellent	<input type="checkbox"/> very good	<input type="checkbox"/> good <input type="checkbox"/> 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