



Laboratory of Computational  
Photochemistry and Photobiology

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*Siena, October 25<sup>th</sup>, 2020*

To whom it May concern,

**Review Statement on the doctoral Thesis of:**

Dr. Mikhail N. Ryazantsev:

**«The development of computational models and methods for the  
rational design of photoactivated molecular systems based on organic  
molecules and proteins»**

As an expert in computational photochemistry and computational modeling of rhodopsins, I recognize the relevance and the high quality of Dr. Ryazantsev's research work. The results of his research have been reported in a number of high-level publications, and constitute a relevant contribution to the entire field of computational photochemistry. I believe that the results of his work are not only highly valuable for the research field focusing on rhodopsins, but are also of importance for the general field of photobiology and for their potential application in the presently expanding area of optogenetics.

Yours Sincerely

Prof. Massimo Olivucci

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