

To: Prof. Rob deRuyter

I'm writing to recommend Ivan V. Maly as he seeks a position in Biological Modeling at Biocomplexity Institute at Indiana University and do this with great enthusiasm.

I have known Ivan for 5 years since he came to my laboratory as an undergraduate student. For a year he worked closely with me first on analyzing the microtubule dynamics in fish melanophores and later on doing his diploma project on dependence of saltatory movements in cultured cells on the organization of microtubule array where he performed both experiments on cells including microirradiation of the centrosome and modeling of saltatory movements. He was graduated with distinction from the Moscow State University and his diploma project was recommended for manuscript submission (published in Cell Biol. Intern. in 2002). The results obtained during his undergraduate training he further developed into the original theories on diffusion approximation of microtubule dynamics and stochastic patterning of the cytoplasm by saltatory movements.

I know Ivan as a very strongly self-motivated, creative and highly productive researcher, who has original vision of different problems in cell organization and function. He is the kind of person that I like to work and to communicate with.

Clearly he is very committed to computational biology and modeling and has good experience in communication with several teams of experimentalists. During rather short period of time he successfully participated in several research projects related to different aspects of cell structure and behavior and I'm sure that his participation in biological modeling at Indiana University studies will be fruitful.

In conclusion I would like to say that Ivan V. Maly is an outstanding young scientist and has a focus and passion for generating new ideas, creation and development of new research projects in modeling cell organization and function by means of computational biology.



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