



Dr. Babak Minofar, Ph.D.

Supervisor statement for supporting thesis defense of MSc. Fatemeh Fadaei

I have known Fatemeh since the spring of 2019 when she expressed her interest to perform a Ph.D. at the University of South Bohemia. In order to assess her performance in research she was accepted into the summer school in 2019 which was organized by the center of nanobiology and structural biology of the Czech academy of sciences in Nove Hrad. She successfully finished her summer school and showed great courage and interest to do a Ph.D. at the University of South Bohemia in České Budějovice. After formal university procedures including the official interview by faculty authorities, she started her Ph.D. under my supervision on bio-molecular simulation in non-aqueous media.

The theoretical and computational works in which she was involved were part of the collaboration with experimental colleagues in the Elettra Synchrotron facility in Trieste. The collaboration with experimental colleagues who performed resonance Raman spectroscopy allowed Fatemeh to use her molecular dynamics finding to support experimental data and partially understand the experimental method.

Her computational results and experimental findings helped her to have nice publications in highly impacted factor international journals. During her Ph.D. Fatemeh did hard work independently and was motivated to finish her Ph.D. as soon as possible. She has done all requirements including all mandatory exams and duties. She has performed her stay abroad at the Leibniz Institute of Plant Biochemistry in Halle, Germany for 5 months where she worked on machine learning which is one of her interests to peruse as a post-doc in the future. As Fatemeh fulfilled all requirements for defending her Ph.D. thesis, I recommend Fatemeh to defend her Ph.D. for the fulfillment of her Ph.D. in front of this committee.

Dr. Babak Minofar, Ph.D.



In České Budějovice, 27.6.5 2023