

Review of dissertation thesis: Study of adamantane-based supramolecular cross-linkage agents for cyclodextrin-modified biopolymers

Student: M.Sc. Jelica Kovačević

Reviewer: Prof. Ing. Petr Slobodian, Ph.D.

The dissertation thesis takes the form of monography. It has an appropriate introduction to problematics of supramolecular hydrogels, followed by motivation, experimental section, results and discussion of own research activities in area of basic research, conclusion and references. There is also applicant curriculum vitae. As additional, there is cited one publication published in journal *Molecules* (IF = 3.06) and one other article already submitted. There is only one conference participation on conference as a poster. Further, students completed internship between years 2018-2019 in Austria, Technical University in Wien. What I miss is a statement of intellectual property or copyright, which should be stated in the introduction of the dissertation. Although the number of reference is respectable, 249, but the most of them are a long year of publishing, and for example, only one is from year 2019 and only a few from 2017.

Based on an internal standard of Faculty of technology TBU (SD/14/2013), which was valid when students starts her study, she has met the required criteria for awarding a doctorate defend and finish the study with a degree Ph.D.

The dissertation thesis is written in English. It has a good structure, graphic standard and language. The work has a high scientific standard and promising application potential in the future.

Finally, I would like to state that the student M.Sc. Jelica Kovačević proved that she is capable of an independent and creative scientific work; she fulfilled the planned study schedule and wrote a satisfactory dissertation thesis for the defence. She also met the criteria for the minimum required amount of published scientific work. That is why I recommend dissertation thesis to defend and obtain Ph.D. degree.

I have no questions

In Zlin, April 20th, 2020

Prof. Ing. Petr Slobodian, Ph.D.