

## SUPERVISOR'S REPORT OF BACHELOR THESIS

Author: Jana Beranová

Title: Synthesis and separation of novel bombesin analogues for targeting molecular radionuclide imaging and therapy in oncology.

Student participated within the frame of research and development carried out at our department during past years and supported by Ministry of Education, Youth and Sports by means of the Eureka grant „Radionuclide precursors and radiopharmaceuticals for targeted radionuclide imaging and therapy in nuclear medicine“. Author prepared background research concerning given thesis on her own and consequently manifested her own opinion in case of experimental work planning. Her following work considerably contributed to obtain new scientific findings in terms of current research works in the Department of radiopharmaceuticals. Within the scope of entrusted tasks, author also manifested high level background knowledge in the selected scientific branch. Author solved entrusted tasks independently and despite the fact, that author had only limited time available for her experimental work, she was able to reach comprehensive scientific results comparable to other laboratories. Student also showed, in reasonable amount, serious way of evaluation of acquired experimental results. These results were then clearly summarized in the conclusions of the submitted work.

Of course, as in the case of any work, also this thesis contains a few minor formal shortages, which however doesn't reduce scientific level of the submitted bachelor thesis. Having respect to this fact, I recommend this bachelor thesis to the defence and I classify this thesis as excellent.

Prague, 13th June 2012



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