

**CHARLES UNIVERSITY**  
**FACULTY OF PHARMACY IN HRADEC KRALOVE**  
Department: Biological and Medical Sciences  
Master's degree program in Pharmacy  
**Mentor's evaluation of Master's thesis**

Student's name: Engy Mohamed Hamdy

Thesis mentor's name: Prof. PharmDr. Petr Nachtigal, PhD

Year of the thesis defense: 2019

Title of the thesis:

**Pathophysiology of Metabolic Syndrome and Current Therapeutic Approaches**

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The topic of the thesis was chosen by student

Working with literature excellent.

Language skills excellent.

Student invention very good.

The student was working independently with mentor help.

Problems and issues were solved independently with mentor help.

Working in the lab was not available, literature review.

Interpretation of the results not available, literature review.

Processing of the thesis was correct with mentor corrections.

Graphical processing of the thesis excellent.

I recommend Diploma thesis for the recognition as Rigorous thesis .

Mentor's comments both on the thesis and the student's approach:

Engy Mohamed Hamdy chose her topic related to latest progress in the therapy of metabolic syndrome which is considered as an epidemic disease in the current world. She nicely described pathophysiology of metabolic syndrome and focused on different categories of drugs that are used currently in the treatment of various symptoms of metabolic syndrome. She also focused on potential novel approaches to treat metabolic syndrome. The thesis is well written and provides nice summary of current knowledge in the field. The thesis is fully recommended for the defense.

**Evaluation of Master's thesis: excellent**

**Recommendations for the thesis defense: recommended**

In Hradec Kralove May 26, 2019

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Mentor's signature