

CHARLES UNIVERSITY IN PRAGUE
FACULTY OF PHARMACY IN HRADEC KRALOVE
Department of Biological and Medical Sciences

Pharmacy

Review of diploma thesis

Student: **Theodosia Evlogimenou**

Mentor of the thesis: Doc.PharmDr.Petr Nachtigal, Ph.D.

Year of the defence:

Reviewer of the thesis: Doc.PharmDr.Miloslav Hronek, Ph.D.

2015

Title of diploma thesis:

Arterial Hypertension and its relation to atherosclerosis

Formal comments: number of pages: 63, number of graphs: 0, number of figures: 3,

number of tables: 0, number of references: 99

Type of work: Bibliographic search

a) Aim of the thesis is: Fulfilled

b) Language and graphic level: Good

c) Processing of theory: Very good

d) Methods description: Not commented, no practical part in thesis

e) Results description: Not commented, no practical part in the thesis

f) Discussion and conclusions: Very good

Reviewer comments: The work deals with interesting and important pathology of hypertension related to atherosclerosis. It employs 99 sources with a higher number websites references. In terms of the content diploma thesis achieved its aim. From a formal and language point of view it needs greater care when drafting of. It is written somewhere in difficult English and with errors e.g.

- It is not used plural in sentence "edema caused by taking steroids or estrogen p.23",
- in Contents "adverse reaction" may be better termed a "Adverse effects" or "Side effect";
- incorrect breakdowns of content for atherosclerosis (paragraphs 14 to 17 should be placed under paragraph 13)
- "all medicines as doctor prescribesnes";
- Figure 1 is not figure but table (p.13)
- missing List of Figures
- Some sentences are also written in the second person e.g. "No matter if you're taking too much salt and your blood pressure is in normal stage because the coronary heart disease does not start when you have high blood pressure." (it should be in the third person in the passive)
- errors in references
 - o incompleteness in the citation (eg. Faselis C et al, 2011)
 - o missing the place of publisher (eg. MacGregor, G. & Kaplan, N.M., 2006)
 - o inconsistent form of citation (eg. Sowers, J. R., Standley, P. R., Ram, J. L., Jacober, S., Simpson, L. and Rose, K. (1993) Hyperinsulinemia, Insulin Resistance, and Hyperglycemia: Contributing Factors in the Pathogenesis of Hypertension and Atherosclerosis. The journal of clinical pharmacology 32(6):529-535.)

Questions:

1. Does always increased salt intake cause of the hypertension? It depends on what?
2. How can you explain overweight as cause for hypertension?
3. You described risk factors for hypertension e.g. alcohol. How affects a moderate intake of red wine?

Evaluation of diploma thesis: Good, to defense: Recommended

In Hradec Kralove 26.5.2015

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