

Al-Farabi Kazakh National University

Class 14. Writing skills. Structure of Thesis

FA.Iskakova

Department of Epidemiology, Biostatistics and Evidence-Based Medicine

2020

GUIDELINES FOR THE PREPARATION AND DEFENSE OF A MASTER'S THESIS

- The Law of the Republic of Kazakhstan dated July 27, 2007 No. 319-III “On Education” (as amended as of December 22, 2016);
- The state compulsory standard of postgraduate education, approved by resolution of the Government of the Republic of Kazakhstan dated August 23, 2012 No. 1080 (as amended and supplemented as of May 13, 2016) etc/

Structure of Thesis

- Title page;
- **Abstract page**
(one page in Kazakh, Russian and English languages);
- Contents
- Regulatory and legal references
- Definitions, Designations and Abbreviations (if necessary)
- **Introduction part**
- **Body:** sections, subsections
 - Chapter 1
 - 1.1
 - 1.2
 - Chapter 2
 - 2.1
 - 2.2
- **Conclusion: common and short statements;**
- References
- Appendix

Ministry of Education and Science of the Republic of Kazakhstan

Al-Farabi Kazakh National University

Faculty (name of faculty)

Department (name of department)

MASTER'S DISSERTATION

on a subject of dissertation: "Topic of the master's thesis"

in the specialty Cipher - "specialty"

Completed (a): _____ Full name

(signature)

Scientific adviser: _____ Full name

(signature)

Academic degree

Approved for Thesis defense

Protocol No. __ of yyyy

Head Department _____

(signature and stamp)

Inspector _____ Name

(signature)

Almaty, yyyy

Abstract as a part of Master's Thesis

- Introduction part:
 - Assessment of the current state of a scientific problem
 - Rationale and main objectives of a thesis statements of the scientific research (common sentences, not repeat Introduction part)
 - The main statement of the scientific research
 - Conclusions from the scientific research
 - Scientific novelty and its degree
 - Theoretical and practical relevance of the results
 - Volume of Thesis (number of pages)
 - Number of illustration

The thesis statement should

- author evaluates an problem and research question by considering its various aspects or parts, and presents this evaluation.
- thesis statement tells what issue or idea was analyzing
- what aspects of the issue or idea were evaluating
- how author present analyses.
- Thesis must have a declarative statement and affirm received statement from research
- and has a complete sentence
- Uses specific language, and reflects the results
- it must express a complete thought
- **A thesis should not contain phrases as “I think” or “in my opinion” because they weaken the writer’s argument.**
- contain phrases as “I think” or “in my opinion” because they weaken the writer’s argument.

Contents:

Contents

• Normative references	2 page
• Definitions, Designations and Abbreviations (if necessary)	3-4 page
• Introduction part	5-6 page
Body: sections, subsections	
1. Literature search	7-27 page
1.1 Epidemiological situation with tuberculosis in the world and Kazakhstan	7-14
1.2 Epidemiological surveillance over tuberculosis	
2 Material and methods	24-34
2.1 Methods	
2.2 Hypothesis _a	
3. Results	35-75
3.1 Topic	
3.2 Topic	
Conclusion:	76-82
References	83-86
Appendix	

Normative references (if necessary)

- The order of the acting Minister of Health of the Republic of Kazakhstan No. 361 dated June 13, 2018. About the approval of Sanitary rules "Sanitary and epidemiological requirements for carrying out preventive vaccinations to the population"

Definitions, terms and Abbreviations

Definitions

Delpazolid (LCB01-0371) Delpazolid is a new oxazolidinone developed by LegoChem BioSciences. It entered a Phase II trial in the Republic of Korea in 2017.

Abbreviations

aDSM	active TB drug-safety monitoring and management
AIDS	acquired immunodeficiency syndrome
ART	antiretroviral therapy
BCG	bacille Calmette-Guerin
CFR	case fatality ratio

Introduction

- Assessment of the current state of a scientific problem
- Basis and initial data for the development of the topic
- Rationale for this research
- Purpose
- Objectives:
- he relevance and novelty
- The theoretical and practical significance of the topic of work
- The object and subject of the study
- Design of research
- Goal and objectives

Body: sections, subsections

Chapter 1. Literature search

1.1 Epidemiological situation with tuberculosis in the world and Kazakhstan

1.2 Epidemiological surveillance over tuberculosis: international and national standard

1.3 Monitoring over Tuberculosis program

Chapter 2 Material and methods.

2.1 Methods and techniques

2.2 Hypothesis

2.3. Ways and directions of research

2.4 Methods of analysis

Chapter 3 Chapter 1. Literature search

Chapter 3. Results and discussion

3.1

3.2

3.3

Requirements for the body part

- The body of the assignment consists of one or more parts structured to reflect your critical thinking about the issue and question, and the chosen order for presenting your argument.
- The order of your parts can be a logical sequence, a chronological sequence, a clustering of closely related ideas, a juxtaposition of opposing ideas, or in terms of importance.
- Each parts will have a similar structure, and functions to demonstrate the results of research, and consist of paragraphs. The parts should have an introduction (topic paragraph), a body, and a concluding paragraph

Requirements for the body part

- The concluding paragraph links the main idea of the part back to your argument
- The paragraph can contain explanations, evidence, and examples to support the key point of the paragraph.
- Supporting evidence is used to justify, explain or develop your argument.
- Every statement must be support figures as OR 2.8 (2-3.5) $P < 0.001$; mortality rate was 34 per 100 000 people etc.
- Every part contains texts, tables and illustrations as diagram, figure etc.

Conclusion: common and short statements;

- assessment of a completeness of solutions to tasks, in many cases it has concluding paragraphs from each parts of body part of thesis;
- brief conclusions on the results of a dissertation research;
- development of recommendations for the specific use of the results;
- assessment of technical and economic effectiveness of implementation due to results of research

Conclusion

- **Summarizes the argument**
 - to restate your main points
 - you should use different language than you used in your introduction and your body paragraphs.
 - The introduction and conclusion of your paper should not be the same.
- **Explains the significance of the argument**
 - For example, your argument might be significant to studies of a certain time period
 - or alternately, it might be significant to a certain geographical region

References

1. Тулегенова Г.С. Биология трансплантированных опухолей. – Алматы: Наука, 2003. – 216 с.
2. Георгиева Р.С. Изменения в системе свертывания крови у больных злокачественными опухолями // Вопросы экспер. и клин, онкол.: сб. науч. Тр. Института онкологии и радиологии. – Алматы, 2004. – С.214-217.
3. Vachaspati T., Videnkin A. Evolution of cosmic nets //Psych. Rev. -2003. – Vo1. 46, № 2. – P. 1133-1140.

Appendix A. CDC Fact Sheet on Chlamydia

What is chlamydia? Chlamydia is a common sexually transmitted disease (STD) caused by the bacterium, *Chlamydia trachomatis*, which can damage a woman's reproductive organs. Even though symptoms of chlamydia are usually mild or absent, serious complications that can cause irreversible damage, including infertility, can occur without notice before a woman ever recognizes a problem. Chlamydia also can cause discharge from the penis of an infected man.

How common is chlamydia? Chlamydia is the most frequently reported bacterial STD in the United States. In 2002, a total of 834,555 chlamydial infections were reported to CDC from 50 states and the District of Columbia. Underreporting is substantial because the majority of persons with chlamydia are not aware of their infections and do not seek testing. Also, testing is not often performed if patients are treated for their symptoms. An estimated 2.8 million Americans are infected with chlamydia each year. Women are frequently re-infected if their sex partners are not treated.

FORMAT CRITERIA

- The master's thesis must be carried out by computer
- The one side of a sheet of A4 white paper
- **Font:** Times New Roman , font size in the text must be 14
- **Spacing.** The recommended line spacing is 1.0.
- **Margins:** left margin –30 mm, right margin –10 mm, upper –20 mm,
lower – 25 mm
- **Footnotes:** size 10

References:

- Useful tips for Academic Writing
- <http://library.bcu.ac.uk/learner/writingguides/1.33.htm>

Essay outline

Introduction

Body

Conclusion

Paragraphs

Orientate the reader
Identify the focus/purpose
Outline scope
State **thesis**

Topic sentence 1
Supporting details
Concluding sentence 1

Topic sentence 2
Supporting details
Concluding sentence 2

Topic sentence 3 and so on
Supporting details
Concluding sentence 3

Restate thesis
Summarise argument