

Thesis title

Thesis subtitle (if appropriate)

Author name

Thesis for the degree of Philosophiae Doctor

Supervisor:

Name of supervisor

Advisor:

Name of advisor (if appropriate)

Doctoral committee:

Names of committee membersMonth Year

Titill ritgerðar

Undirtitill (ef við á)

Nafn nemanda

Ritgerð til doktorsgráðu

Umsjónarkennari:

Nafn umsjónarkennara

Leiðbeinandi:

Nafn leiðbeinanda (ef við á)

Doktorsnefnd:

Nöfn nefndarmanna

Mánuður ár

****

Thesis for a doctoral degree at the University of Iceland. All right reserved. No part of this publication may be reproduced in any form without the prior permission of the copyright holder.

© Name of student Year

ISBN (apply at <http://www.landsbokasafn.is/>)

Printing by XXXXX.

Reykjavik, Iceland Year

Ágrip

Ágrip/útdráttur ritgerðar.

Nota skal *Heading 1 – Án númerabirtingar* í kaflanum.

Greina skal í stuttu máli frá markmiði/markmiðum verkefnisins, geta aðferða stuttlega og segja hnitmiðað frá niðurstöðum rannsóknanna án þess að vísað sé í myndir/töflur eða heimildir. Draga má ályktanir af niðurstöðum en ekki skal vera umræða um niðurstöður. Útdráttur skal helst ekki fara yfir tvær blaðsíður.

**Lykilorð:**

Fyrir neðan ágrip skal skrá 5 lykilorð (keywords).

Abstract

English abstract.

Use *Heading 1 – Án númerabirtingar* for this chapter.

Briefly outline the aims of the research, methods used and list results clearly, without referring to tables, figures or references. Draw conclusions from the results, but do not discuss the results in the abstract. The abstract should preferably not exceed two pages.

**Keywords:**

Below the abstract, list 5 keywords.

Acknowledgements

Acknowledge all that helped on the doctoral study. Clearly acknowledge supervisors, instructors and the institutions where the project was carried out. Acknowledge all that financially supported the research.

Use *Heading 1 – Án númerabirtingar* for this chapter.

Contents

[Ágrip 3](#_Toc367432966)

[Abstract 5](#_Toc367432967)

[Acknowledgements 7](#_Toc367432968)

[Contents 9](#_Toc367432969)

[List of abbreviations 11](#_Toc367432970)

[List of figures 12](#_Toc367432971)

[List of tables 13](#_Toc367432972)

[List of original papers 15](#_Toc367432973)

[Declaration of contribution 16](#_Toc367432974)

[1 Introduction 17](#_Toc367432975)

[1.1 Subheading – Style: Heading 2 17](#_Toc367432976)

[1.2 Subheading– Style: Heading 2 17](#_Toc367432977)

[2 Aims 19](#_Toc367432978)

[2.1 Subheading – Style: Heading 2 19](#_Toc367432979)

[3 Materials and methods 21](#_Toc367432980)

[3.1 Subheading – Style: Heading 2 21](#_Toc367432981)

[3.2 Subheading – Style: Heading 2 21](#_Toc367432982)

[4 Results 23](#_Toc367432983)

[5 Discussion 27](#_Toc367432984)

[5.1 Subheading – Style: Heading 2 27](#_Toc367432985)

[5.1.1 Subheading – Style: Heading 3 27](#_Toc367432986)

[6 Conclusions 29](#_Toc367432987)

[References 31](#_Toc367432988)

[Original publications 33](#_Toc367432989)

[Paper I 35](#_Toc367432990)

[Paper II 37](#_Toc367432991)

[Paper III 39](#_Toc367432992)

[Paper IV 41](#_Toc367432993)

[Appendix 43](#_Toc367432994)

List of abbreviations

List and explane all abbreviations used in the thesis.

List of figures

List a short title of all figures in the thesis.

[**Figure 1.** Figure title. Figure title is below the figure. 24](#_Toc367372475)

List of tables

List a short title of all tables in the thesis.

[**Table 1.** Table title. Table title is above the table. 25](#_Toc367372476)

List of original papers

This thesis is based on the following original publications, which are referred to in the text by their Roman numerals (I-V [as needed]):

I. When referring to published papers, list all papers in full. When referring to manuscripts, list as “submitted for publication” or “accepted for publication in [journal name]”.

II.

III.

IV.

V.

In addition, some unpublished data may be presented:

All papers are reprinted by kind permission of the publishers. [this must be stated in the thesis]

NOTE: The original publications should not be included in the electronic file to be stored in Skemman ([www.skemman.is](http://www.skemman.is)), unless specifically permitted by the copyright holder.

Declaration of contribution

Outline your contribution to the planning of the research, the manual work, writing of the papers and drawing conclusions as appropriate, either for the complete work or as a list for each paper.

# Introduction

Authors’ text. Start chapter on a right hand page. Use subheadings, figures, and tables, as appropriate. For first paragraph, use style Normal - Fyrsta lína eftir kaflaskil.

For the next paragraphs, use style *Normal* with first line indent.

Please use this as an outline for the setup of your thesis, do not let this document control how you write your text. Do not copy text directly from your publications into your thesis, that’s plagiarism.

The thesis shall be printed on 80/100 gram quality paper in B5 format. The cover shall be a stiff carton paper or vinyl. The light blue color of the School of Health Sciences is CMYK: 100+0+40+0, PANTONE: 320 C, RGB: 0+156+155.

Introduction shall be thorough. A vast knowledge and understanding of the literature shall be presented. Introduce previous research in the field, state the background of the project and connections to previous research. The purpose of the introduction is to place the topic in the correct context and give overview of the field. The scale and importance of the research may be presented in the introduction as appropriate.

## Subheading – Style: Heading 2

Authors’ text. For first paragraph, use style *Normal - Fyrsta lína eftir kaflaskil*.

For the next paragraphs, use style *Normal* with first line indent.

## Subheading– Style: Heading 2

Authors’ text. For first paragraph, use style *Normal - Fyrsta lína eftir kaflaskil*.

For the next paragraphs, use style *Normal* with first line indent.

# 

# Aims

Authors’ text. Start chapter on a right hand page. Use subheadings, figures, and tables as appropriate. For first paragraph, use style *Normal - Fyrsta lína eftir kaflaskil*.

For the next paragraphs, use style *Normal* with first line indent.

State the aims and hypothesis of your study clearly.

## Subheading – Style: Heading 2

Authors’ text. For first paragraph, use style *Normal - Fyrsta lína eftir kaflaskil*.

For the next paragraphs, use style *Normal* with first line indent.

# Materials and methods

Authors’ text. Start chapter on a right hand page. Use subheadings, figures, and tables, as appropriate. For first paragraph, use style *Normal - Fyrsta lína eftir kaflaskil*.

For the next paragraphs, use style *Normal* with first line indent.

Describe methods clearly enough so a competent reader will be able to reproduce your research. Refer to published methods where appropriate, describe in detail any modifications. Describe in detail your own methods. Describe your evaluation methods, including statistical methods and computer-programs used. In this chapter you may explain why certain methods were chosen. State all permissions from ethics committees et. ctr.

## Subheading – Style: Heading 2

Authors’ text. For first paragraph, use style *Normal - Fyrsta lína eftir kaflaskil*.

For the next paragraphs, use style *Normal* with first line indent.

## Subheading – Style: Heading 2

Authors’ text. For first paragraph, use style *Normal - Fyrsta lína eftir kaflaskil*.

For the next paragraphs, use style *Normal* with first line indent.

# Results

Authors’ text. Start chapter on a right hand page. Use subheadings, figures, and tables, as appropriate. For first paragraph, use style *Normal - Fyrsta lína eftir kaflaskil*.

For the next paragraphs, use style *Normal* with first line indent.

Report your results in an organized manner, in the same order as the research questions or aims are. Here, only report facts, do not discuss or conclude from the results and avoid citing results from others. Use text, figures, graphs, and tables as appropriate. In the text, briefly cite the main points of all tables and figures. Cite each table and figure at least once. Refer to the original publications as appropriate. Do not copy text directly from your publications into your thesis, that’s plagiarism.

In some research projects, a more logical way to present the results might be in a combined “Results and discussion” chapter. Then the chapter must be followed by a thorough “Summary and conclusions” chapter.

text

text

text

**Figure 1.** Figure title. Figure title is below the figure.

To label the figure, place the cursor in front of the figure text. Under References select Insert caption and choose figure. Then the figure should be numbered correctly, in a running order. Number all figures in the order of their citation in the text. All figures should have descriptive titles and text and should be able to stand alone without support from the text. Cite references where needed, such as authors of photographs or artwork. All micrographs shall include a size scale.

Þegar myndin er merkt þá er bendillinn settur fyrir framan myndatextan farið í References, þar í Insert caption og valið Figure og vinstrismellt og myndin merkist í réttri númmeraröð.

**Table 1.** Table title. Table title is above the table.

To label the table, place the cursor in front of the table text. Under References select Insert caption and choose table. Then the table should be numbered correctly, in a running order as cited in the text. Number all tables in the order of their citation in the text. All tables should have descriptive titles and text and should be able to stand alone without support from the text. Footnotes can be added to explain parts of the tables or cite references when needed. For footnotes, use a, b, c, d, et. ctr. Þegar taflan er merkt þá er bendillinn settur fyrir framan töflutextan farið í References, þar í Insert caption og valið Table og vinstrismellt og taflan merkist í réttri númmeraröð.

|  |  |  |
| --- | --- | --- |
| xxxxxx | | |
| xx | xx | xx |
| 1. xx | *xxxxxxxxxxxxxxxxxxxx* | *xxxxxxxxxxxxxxxxxxxxxx*. |
| 2. xx | *xxxxxxxxxxxxxxxxxxxxxxxxxx* | *xxxxxxxxxxxxxxxxxxxxxxxxxx* |
| 3. xx | *xxxxxxxxxxxxxxxxxxxx* | *xxxxxxxxxxxxxxxxx* |
| 4. xx | *xxxxxxxxxxxxxxxxxxxxxxx* | *xxxxxxxxxxxxxxxxxxxxxxxxxx* |

When copying tables or figures from Excel, use Paste special and paste the table or figure as Picture (Windows metafile).

# Discussion

Authors’ text. Start chapter on a right hand page. Use subheadings as appropriate, do not use tables and figures. For first paragraph, use style *Normal - Fyrsta lína eftir kaflaskil*.

For the next paragraphs, use style *Normal* with first line indent.

Preferably start the discussion chapter with a very brief summary of the results. Then discuss the results in a clear and organized way, in context with previous results of other researchers. Always consider your aims when discussing your findings, where the research questions answered and aims fulfilled. Discuss the advantages and limitations of the research and methodology as needed.

The discussion chapter should consider the complete research and is more than the sum of all discussion chapters of the publications. Again, copying text directly from your publications is not acceptable.

## Subheading – Style: Heading 2

Authors’ text. For first paragraph, use style *Normal - Fyrsta lína eftir kaflaskil*.

For the next paragraphs, use style *Normal* with first line indent.

### Subheading – Style: Heading 3

#### Subheading – Style: Heading 4

# Conclusions

Authors’ text. Start chapter on a right hand page. Do not use subheadings. For first paragraph, use style *Normal - Fyrsta lína eftir kaflaskil*.

For the next paragraphs, use style *Normal* with first line indent.

Draw conclusions from the complete research. Consider the aims and research question when drawing conclusions. Have the overall aims be met? Have the research questions been answered? Discuss future aspects, unsolved problems and how these problems could be solved. The conclusions should preferably not exceed two pages.

References

Start chapter on a right hand page.

In text citations should follow the APA style, with the slight modification that only the first author (both authors when two) should be mentioned in the text, the first time each reference is cited. If the name of the author is mentioned in the text, the year of publication shall follow within parenthesis: as described by Smith (1999). If the name of the author is not mentioned in the text, author name and year of publication should be given within parenthesis: The gene is 4.5 kb in length and contains 3 exons (Brown, 2009). If two authors, list both (Smith and Brown, 1978), three or more authors can be listed as: Smith et al. (2010) OR (Smith et al., 2010). If unpublished information from other authors are cited, give citation in text, but not in the list of References (Smith, oral communication OR written communication). Always seek permission for using this information. Use this kind of information carefully, as the reader cannot verify this information. When citing references on the internet, list authors (or institutions) and accession date.

Use of Reference managing software is strongly recommended.

List of References should follow the APA style with the slight modification that all authors shall be listed. List authors alphabetically according to last name, then by year of publication. If the same author has two or more publications within the same year, these should be separated using a, b, c et. ctr.

Oral or unpublished results shall not be listed in list of References.

Abbreviate names of journals according to international standards (International Organization for Standardization 1977), available at <http://images.isiknowledge.com/WOK45/help/WOS/A_abrvjt.html>

Original publications

Seek permission for making reprints of all previously published papers. Please note that the permission might not cover the electronic version of the thesis stored at Skemman ([www.skemman.is](http://www.skemman.is)). Original publications shall be numbered with Roman numericals and referred to as such in the text of the thesis. Each paper shall start on a right hand page (with an odd-page number).

Paper I

**Paper I**

Paper II

**Paper II**

Paper III

**Paper III**

Paper IV

**Paper IV**

Appendix

Relevant material, that does not make a part of the thesis can be added in an appendix, for example questionnaires, more detailed description of methods et. ctr.

Start chapter on a right hand page.

Short descriptive title should go together with each appendix, explaining its content.