UNIVERSITY OF LJUBLJANA

BIOTECHNICAL FACULTY

Name SURNAME

**TITLE OF THE FINAL WORK**

DOCTORAL DISSERTATION

[Title of the work should be identical to the title in VIS.]

Ljubljana, 2023

UNIVERSITY OF LJUBLJANA

BIOTECHNICAL FACULTY

Name SURNAME

**ENGLISH TITLE OF THE FINAL WORK**

DOCTORAL DISSERTATION

**SLOVENE TITLE OF THE FINAL WORK**

DOKTORSKA DISERTACIJA

Ljubljana, 2023

Based on the Statute of the University of Ljubljana and the decision of the Biotechnical Faculty senate, as well as the decision of the Commission for Doctoral Studies of the University of Ljubljana adopted on [date] it has been confirmed that the candidate meets the requirements for pursuing a PhD in the interdisciplinary doctoral programme in Biosciences, scientific field [choose appropriate]. Prof. dr. [name] is appointed as supervisor.

Supervisor: Prof. dr. Name SURNAME

Evaluation and Defence Committee:

President: Prof. dr. Name SURNAME

University of Ljubljana, Biotechnical Faculty, Department of …

Member: Prof. dr. Name SURNAME

University of Ljubljana, Biotechnical Faculty, Department of …

Member: Prof. dr. Name SURNAME

University of Ljubljana, Biotechnical Faculty, Department of …

[Name SURNAME]

##

KEY WORDS DOCUMENTATION

ND Dd

DC UDC … [specified by library]

CX [enter the terms or keywords in English separated by commas]

AU SURNAME, Name

AA SURNAME, Name (supervisor), SURNAME, Name (co-advisor)

PP SI-1000 Ljubljana, Jamnikarjeva 101

PB University of Ljubljana, Biotechnical Faculty, Interdisciplinary Doctoral Programme in Biosciences, scientific field [choose appropriate]

PY [enter the year of defence]

TI ENGLISH TITLE OF THE FINAL WORK

DT Doctoral dissertation

NO [enter the number of pages of the Roman and Arabic pagination (separated by a

comma), the number of tables, figures, annexes and references

Example: IV, 45 p., 2 tab., 3 fig., 2 ann., 15 ref.]

LA en

AL sl/en

AB [abstract in English]

KLJUČNA DOKUMENTACIJSKA INFORMACIJA

ŠD Dd

DK UDK … [specified by library]

KG [enter the terms or keywords in Slovene separated by commas]

AV SURNAME, Name, [indicate all previously acquired titles in full in Slovene]

SA SURNAME, Name (mentor/mentorica), SURNAME, Name (somentor/somentorica)

KZ SI-1000 Ljubljana, Jamnikarjeva 101

ZA Univerza v Ljubljani, Biotehniška fakulteta, Interdisciplinarni doktorski študijski program Bioznanosti, znanstveno področje [choose appropriate]

LI [enter the year of defence]

IN SLOVENE TITLE OF THE FINAL WORK

TD Doktorska disertacija

OP [enter the number of pages of the Roman and Arabic pagination (separated by a

comma), the number of tables, figures, annexes and references

Example: IV, 45 str., 2 pregl., 3 sl., 2 pril., 15 vir.]

IJ en

JI sl/en

AI [abstract in Slovene]

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LIST OF ANNEXES

Annex A: [The title of the annex (without page number)]

ABBREVIATIONS AND SYMBOLS

[The page (if any) should be titled in capital letters ABBREVIATIONS AND SYMBOLS and centre aligned. Symbols and abbreviations are explained in a list on this page (or further pages). Commonly known symbols (e.g. standard units of measure) are not explained. Also explain on this page abbreviations that you have formed yourself and that are used throughout the following text. Also explain the abbreviation in brackets in the text itself when first used.]

# INTRODUCTION

[The introductory section defines our research problem (the reason for the research) and states
a working hypothesis and the purpose of the research.]

# LITERATURE REVIEW

## TITLE OF SUB-SECTION

### Title of further sub-section

#### Title of further sub-section

[For in-text citations, the principle of listing last names and years applies. If there are two authors, both last names are listed and separated by the word “and”. If there are more authors, the first is given and then “et al.” is added. When you use a publication of an author as the source of a longer cited text, indicate at the beginning of such a text what will apply to that author.

**Examples of citing in the text:**

* **one author**

 … (Vidrih, 2009). or … Vidrih (2009) believes that …

* **two authors**

…(Abram and Simčič, 2000). or … Abram and Simčič (2000) state that the …

* **three or more authors**

… (Korošec et al., 2006). or … Korošec et al. (2006) claim that …

* **anonymous work (authors are not indicated)**

... we used the formulas (Manual ..., 2017).

... the plant protection product must not be used (Prohibition Policy ..., 2005).

... The Animal Protection Act (2007) specifies ...

... complied with the international standards (ISO 7144, 2000; ISO 7160, 2004)

* **if multiple works by the same author are cited from the same year**

... in subsequent measurements (MacFarland, 2017a, 2017b), the results are …

* **if we cite sources by the same author published in different years**

… in subsequent measurements (MacFarland, 2017, 2019), the results are ...

**Examples of designing tables and figures:**

According to the standard, the uniform term “figure” is intended for images, drawings and photographs, as well as graphic images (charts). The titles of tables are written above the tables and the titles of figures below them. Both are numbered separately and consecutively.

When tables or figures are taken from other sources, the information about them is given in brackets right after the title of the table or figure. The source from which the tables or figures are taken are indicated in the References section, in accordance with the reference listing instructions.

A common design of tables and figures is recommended (example Table 1, Figure 1). The columns and rows are not separated unnecessarily by drawn borders.

Table 1: Daily intake of selenium in the edible portion (100 g) of various meat products (Petrič, 2010)

|  |  |  |
| --- | --- | --- |
| Type of meat product | Selenium content in the edible por-tion (μg/100 g) | Selenium content in the edible portion according to the daily intake 50 μg/day (%) |
| Cooked prosciutto | 6,8 | 13,6 |
| Classic hot dog | 3,4 | 6,8 |
| Karst prosciutto | 13,2 | 26,5 |

If the table is longer than one page, write “Continuation” at the bottom of the first page and
“Continuation of Table 1” at the top left of the next page. Then enter the line with the table
header again on the next page, at the beginning of the continuation.

Each figure and table must be fully described (units given, abbreviations explained), so that no reading of other text is necessary for understanding.

Figure

Figure 1: Figure title (Bartol, 2005)]

# MATERIAL [or] SUBJECT OF THE RESEARCH AND METHODS

[In the sections MATERIAL, RESULTS, DISSCUSSION, CONCLUSIONS and SUMMARY the writing style should be unified.]

# RESULTS

# [or]

# RESULTS AND DISCUSSION

[If necessary and in agreement with the supervisor, the Results and Discussion sections may be combined into a joint Results and discussion section.]

# DISCUSSION

# CONCLUSIONS

# SUMMARY (Povzetek)

[The main results are presented only in the text, without tables and figures. Summarize all elements of the IMRAD structure, but without specifically titled sections.]

## SUMMARY

## povzetek

[Obligatory summary in Slovenian, at least 8 pages long.]

# REFERENCES

[The final numbered section References contains a list of cited sources. The references are arranged alphabetically and chronologically (the older ones first) by the first author or title (for

references without known authors). For multi-line references, the subsequent lines are indented

to approximately below the third letter of the first line. When citing web resources (URL), we

recommend an active link.

**Important:**

* All cited references must be in primary (full) form.
* We list all the works we have referred to in our text. The works we have not referred to are not included in this list.
* Titles of English works (title of article, title of book, title of chapter) are indicated with lowercase letters, unless a grammatical rule requires the use of a capital letter (e.g. Molecular ecology and not Molecular Ecology). Journal titles are capitalized, e.g., Journal of Molecular Ecology.
* When the year of publication of the document or record is not given, we write n.y. (no year) when citing in the text itself, but we do not write this in the section References.
* We write the names of all authors (and not “et al.” as in text).

**Examples of citing most common types of sources in the section REFERENCES:**

**Articles:**

Bartol T. 2007. Pregled in analiza izbranih podatkovnih zbirk ter predmetnih oznak za področje lesarskih znanosti in tehnologije. Zbornik gozdarstva in lesarstva, 83: 3–14

Blasco E., Gonzalez-Olabarria J. R., Rodriguez-Veiga P., Pukkala T., Kolehmainen O., Palahi M. 2009. Predicting scenic beauty of forest stands in Catalonia (North-east Spain). Journal of Forestry Research, 20, 1: 73–78

Strašek Smrdel K., Avšič T. 2021. The detection of *Anaplasma phagocytophilum* and *Babesia vulpes* in spleen samples of red fox (*Vulpes vulpes*) in Slovenia. Slovenian Veterinary Research, 58, 3: 103–109, [https://doi.org/10.26873/SVR-1206-2020](https://doi.org/10.26873/SVR-1206-2020%20)

Knight A., Satchell L. 2021. Vegan versus meat-based pet foods: owner-reported palatability behaviours and implications for canine and feline welfare. PLoS ONE, 16, 6: e0253292, <https://doi.org/10.1371/journal.pone.0253292>

**An example of an article when the year and issue are not yet known (online first):**

Yadav A., Kumar N., Upadhyay A., Anurag P., Anurang K. R. 2021. Edible packaging for fruit processing waste: a comprehensive review. Food Reviews International, <https://doi.org/10.1080/87559129.2021.1940198>

**Scientific and professional books (monographs) in full:**

Bush T. 2003. Theories of educational leadership and management. 3rd ed. London, Sage Publications

Glumac R. 2017. Comparative analysis of stakeholders' expectations from the agri-environmental programme in Slovenia and Croatia: doctoral dissertation. Ljubljana, Biotechnical Faculty

Šiško M. 2022. Mikropropagacija koščičarjev. Maribor, Univerzitetna založba Univerze v Mariboru, <https://doi.org/10.18690/um.fkbv.8.2022>

**Chapters in books with editor:**

Leštan D. 1996. Načrtovanje eksperimentalnega preučevanja bioprocesov. V: Biotehnologija: osnovna znanja. Raspor P. (ed.). Ljubljana, Bia: 397–409

Richards E., Fearon A. M. 2003. Butter: the product and its manufacture. V: Encyclopedia of food sciences and nutrition. 2nd ed. Caballero B., Trugo L. C., Finglas P. M. (eds.). Amsterdam, Academic Press: 718–726, <https://doi.org/10.1016/B0-12-227055-X/00138-3>

Poklar Ulrih N., Prislan I., Cigić B. 2019. Coumaric and cinnamic acids in food. V: Handbook of dietary phytochemicals. Xiao J., Sarker S., Asakawa Y. (eds.). Singapore, Springer: 1–40, <https://doi.org/10.1007/978-981-13-1745-3_24-1>

**Other internet sources:**

Jennings L. 2020. Antibiotics: the good, the bad and the ugly. Washington University in St. Louis, Institute for Public Health, <https://publichealth.wustl.edu/antibiotics-the-good-the-bad-and-the-ugly/> (15 Feb. 2022)

SURS. 2022. Kazalniki ekološkega kmetijstva, Slovenija, letno. Ljubljana, Statistični urad RS, <https://pxweb.stat.si/SiStatData/pxweb/sl/Data/-/3268606S.PX> (17 Jan. 2023)

Berkshire breed page. British Pig Association, <https://britishpigs.org.uk/berkshire> (15 Dec. 2022)

When citing online databases, check on the website if there is a recommended citation and adjust the order of the citation elements (e.g. [https://support.nlm.nih.gov/knowledgebase/‌article/‌‌‌KA-03391/en-us](https://support.nlm.nih.gov/knowledgebase/%E2%80%8Carticle/%E2%80%8C%E2%80%8C%E2%80%8CKA-03391/en-us)).]

ACKNOWLEDGEMENTS

[Acknowledgements and annexes are not numbered by page.

At its 7th session on 27 May 2013, the Senate of the Biotechnical Faculty decided that the indication of the logo of the co-financier should be indicated in doctoral dissertations in the section Acknowledgements.]

ANNEXES

[The annexes are intended to present additional information, whose purpose is mainly informative, e.g. detailed calculations or derivations of equations, larger tables, structures, etc. Annexes shall be marked sequentially in capital letters, such as Annex A, Annex B, etc. The title of the annex follows in the next line. Both elements are centre aligned. An annex under the same sequential letter may extend over several pages and each new annex begins on a new page. If the individual annexes are extensive and need to be further subdivided (e.g. to facilitate reference in the final work), these subdivisions are marked with numbers (e.g. Annex A1, Annex A2 ...).]