



**T.C.**

**AYDIN ADNAN MENDERES UNIVERSITY  
GRADUATE SCHOOL OF NATURAL AND  
APPLIED SCIENCES**

**MASTER'S AND DOCTORAL PROGRAMS  
SEMINAR, THESIS AND TERM PROJECT  
WRITING GUIDE**

**AYDIN – 2020**

# TABLE OF CONTENTS

1. INTRODUCTION .....	1
2. FORMATTING GUIDE .....	2
2.1. Quality of paper to be used.....	2
2.2. Writing software.....	2
2.3. Font attributes .....	2
2.4. Line spacing.....	2
2.5. Margins and page layout.....	3
2.6. Writing plan.....	3
2.7. Expression .....	3
2.8. Page numbers.....	4
2.9. Sections and Subsections .....	4
2.10. Quotations.....	5
2.11. Footnotes .....	5
2.12. Referencing.....	5
2.13. List of symbols and abbreviations .....	10
2.14. Units .....	10
2.15. Figure, pictures and tables .....	11
3. ORGANISATION OF THESIS CONTENT.....	13
3.1. Thesis contents .....	13
3.2. Thesis cover and inner pages.....	14
3.3. Front pages.....	16
3.3.1. Acceptance and approval.....	16
3.3.2. Acknowledgements .....	19
3.3.3. Table of contents .....	19
3.3.4. List of symbols and abbreviations .....	21
3.3.5. List of figures/ pictures /tables.....	22
4. ABSTRACT PAGES.....	23
4.1. Abstract.....	23
5. THESIS TEXT .....	26
5.1. Introduction .....	26

5.2. Literature review	26
.....	
5.3. Material and Method .....	26
5.4. Results .....	27
5.5. Discussion.....	27
5.6. Conclusion and recommendations.....	27
6. REFERENCES .....	28
7. APPENDIX .....	33
8. SCIENTIFIC ETHICS STATEMENT .....	34
9. CURRICULUM VITAE .....	35

## **FOREWORD**

The renewal of the Thesis Writing Guide for graduate students preparing their thesis at Graduate School of Natural and Applied Sciences, Aydın Adnan Menderes University was accepted by the Institute Board on 11.12.2020 through the commission formed at the 2020/08/02 meeting. The message conveyed to our commission and the news conveyed were approved at the meeting of our University Senate on .../.../..... . Students preparing their thesis can use the current writing guide until the... /.... /.... Seminars, thesis and term projects to be accepted after this date will have to be prepared according to the new guideline.

Prof. Dr. Gönül AYDIN

Aydın Adnan Menderes University

Graduate School of Natural and Applied Sciences

## **1. INTRODUCTION**

A postgraduate thesis is a document that shows the value of the work done and the academic competence of the person doing the work. The thesis, which is a communication and evaluation tool between the person making the study and the reader, is expected to be prepared according to certain academic standards. The scientific value of the thesis depends not only on the quality of the information produced, that is, on the content of the thesis, but also on the conformity of the thesis to certain forms and appearance requirements. These standards regarding form and appearance are also techniques that facilitate the preparation of a thesis. The seminar and thesis proposal should be prepared according to the same academic standards as they are the first steps of the thesis study. In this guide, the features related to the form and appearance that should be included in the thesis proposal and thesis are included.

Therefore, students are obliged to comply with the rules stated in this guide when preparing the seminar, thesis proposal, thesis and term project.

## **2. FORMATING GUIDE**

### **2.1. The quality of paper to be used**

The papers on which the thesis is to be written must be A4 standard, 21 cm x 29.7 cm in size, 70-100 grams of first pulp white paper.

### **2.2. Writing software**

Theses should be written using a word processor package program (such as Microsoft Office Word, Apple Pages, OpenOffice, LibreOffice, LaTeX) on a computer running Windows, MacOS, Linux, Android, Chrome OS, etc., as indicated in this manual and printed on only one side of the paper.

### **2.3. Font attributes**

The texts in the thesis should be written using the Times New Roman font and 12 pt.

In order to fit the texts in footnotes, tables and figures in the page, the same font at 10 points font size must be used.

In the main text, bold, italic, bold italic and underline should not be applied randomly and should be used according to the characteristics of the field of science.

All texts should be in black.

Use one space after punctuation marks (such as period, comma, semicolon, colon, colon, ellipsis, exclamation point, question mark, apostrophe, slash, square bracket).

Sub and superscripts in chemical formulas and measurement units must comply with general spelling rules (such as in H<sub>2</sub>O, cm<sup>3</sup>).

### **2.4. Line Spacing**

Paragraph setting for thesis text should be made according to

Microsoft Office Word program as;

General: Alignment (Justified), Outline Level (Body Text),

Indentation: Right-Left (0 cm), Custom (First line), Value (1 cm),

Spacing: Before (0 pt) and After (6 pt), Line spacing (1.5 lines)

First-order chapter headings (Acceptance and Approval, Acknowledgment, Table of Contents, Symbols and Abbreviations Index, Figures Index, Pictures Index, Tables Index, Abstract, Introduction, Resource Summaries, Materials and Methods, Findings, Discussion, Conclusion and Suggestions, Resources, Appendices, Scientific Ethics Statement, Curriculum Vitae) should start at the top of the page, and 2 lines should be left after their titles.

1 line spacing should be left before and after the second and third order headings.

No gap should be left between the figure / picture / table and figure / picture / table titles. When writing figures, pictures, tables, equations and chemical reaction formulas, 1 line spacing should be left between the text and these elements (before and after).

## **2.5. Page margins and setup**

Set the margins of each page as 3 cm from the left margin, 2.5 cm from the top and bottom margins and 2 cm from the right margin. Texts, figures, pictures and tables should not exceed the specified limits. Footnotes should also be used within these limits. At the end of the line, words should not be divided, there should be at least two lines of the paragraph at the end of the page or at the beginning of the page. There should be at least two lines of text after the heading or sub-headings at the end of the page. The text should be justified.

## **2.6. Writing Plan**

Main section headings should be written at the top of a new page and in the middle of the text block. Sub-section headings should be justified to the left of the text block, and all paragraph heads following the headings should start 1 cm from the left margin of the text block.

## **2.7. Expression**

Writing in the third person, passive style of expression (such as determined, detected, seen, analyzed) should be preferred.

Unless there is an obligation, the sentence should not begin with a number. Numbers can also be written in letters, but numbers consisting of more than one word are written separately (such as three hundred and sixty-five). Numbers with four or more digits are either

divided into groups of three starting from the end and with a dot between them (such as 1.512.612), or written in letters for easy reading (such as 1 billion 512 million). In decimal numbers, a period should be used at the beginning of the decimal point (such as 125,32). While writing percent (such as 50%) and per mil (such as ‰5) signs, no space should be left between the number and the sign. Ordinal numbers can be shown in text and numbers (such as 15th, 8th). Distributive numbers should be indicated in text, not in numbers (such as in two, in threes). Attachments to be brought to common fractions are written on the basis of the number below (such as 4/8, 1/2).

## **2.8. Page numbering**

Page numbers should be written at the right margin at the bottom of the page. Acceptance and Approval, Acknowledgment, Table of Contents, Symbols and Abbreviations Index, Figures / Pictures / Tables Index, Özet and Abstract should be numbered using lowercase Roman numerals (i, ii, iii, iv, v, ...), whereas the main text starting with the introduction part should be numbered as "1, 2, 3, 4, 5, ...". Page numbers are not given to the outer cover and inner cover.

## **2.9. Sections and subsections**

In main chapter titles (Introduction, Resource Abstracts, Material and Method, Findings, Discussion, Conclusion and Suggestions) should be numbered as "1., 2., 3., ..." in the thesis. Sub-section titles should be given as "1.1., 1.1.1., 1.2., 1.2.1....." and one space should be left after the period.

First-order chapter headings (Acceptance and Approval, Acknowledgment, Table of Contents, Symbols and Abbreviations Index, Figures Index, Pictures Index, Tables Index, Abstract, Introduction, Resource Summaries, Materials and Methods, Findings, Discussion, Conclusion and Suggestions, Resources, Attachments, Scientific Ethics Statement, Curriculum Vitae) should be written in capital letters, 14 pt and bold. Second, third and fourth-order headings should be 12 pt. and bold; the first letter of each word should be in uppercase and other letters should be lowercase.

Conjunctions such as "and, or, with, or" should be written in lower case in section titles other than first-order section titles.

Except for the main section titles, all section titles should be written and numbered and left-aligned. Headings should not be written as the last line of the page, there should be at least two lines of text after the headings or subheadings at the end of the page. First-order main section titles should always start on a new page.

## **2.10. Quotations**

If a quotation that is more than one sentence is to be made from another source in the thesis, a new paragraph should be opened separate from the main text and the entire quotation should be written in brackets ("...") and italicized. 1 line spacing should be used between lines in quotations.

## **2.11. Footnotes**

On any page of the thesis, when written in the text, very short and concise explanations that distract the subject and prevent continuity in reading can be given as a footnote under the same page, provided that they do not exceed a few lines.

Footnotes can be added with the footnote creation features found on the used word processor package program (such as Microsoft Office Word, Apple Pages, OpenOffice, LibreOffice, LaTeX). Footnotes should not extend beyond the text block.

Footnotes should be written in 10 font size. Smaller characters can be used as needed.

If there is more than one footnote, they should be numbered according to the order of appearance in the text.

## **2.12. Citation in Thesis**

References should be used appropriately, balanced and correctly in the text. The full text of the source should be read. A source cannot be cited without seeing the original source. Care should be taken to focus on and cite more recent on references as much as possible.

All works cited in the thesis must be included in the "References" section. The citations in the thesis text and the works in the references section should match exactly. In-text reference/citation and references section should be based on The American Psychological Association (APA) writing guide. Use standard software packages such as EndNote, Mendeley, Zotero or Reference Manager for citation and preparation of bibliography is recommended. EndNote, Mendeley or Zotero software packages can be accessed and downloaded from our university library website.

The following sources can be used for more information and reference about the APA spelling guide:

- UCOL Student Success Team. (2017) A Guide to APA Referencing Style: 6 th Edition.

• American Psychological Association (2019). APA STYLE. Accessed link: <https://apastyle.apa.org>

• İpek Şencan and Güleda Doğan. (2017) Bilimsel Yayınlarda Kaynak Gösterme, Tablo ve Şekil Oluşturma Rehberi: APA 6 Kuralları. (2. baskı). Ankara: Türk Kütüphaneciler Derneği.

References should be used in the thesis text according to the examples given below regarding the use of resources.

### **Single author references:**

When giving references with a single author, the surname of the author and the year in brackets should be indicated wherever it appears in the text.

*Using in-text citations at the beginning of a sentence*

Grossweiner (2008) found that there is a common non-adherence to the recommended diet in patients with hypertension.

*Using in-text citations at the end of a sentence*

A study found that there is a common non-adherence to the recommended diet in patients with hypertension (Wyatt, 2015).

### **References with two authors:**

When citing references with two authors, the surnames of both authors and the year in parentheses should be indicated at every mention in the text; authors' surnames should be linked with the conjunction "and".

*Using in-text citations at the beginning of a sentence*

Guyton and Hall (2012) found that there is a common non-adherence to the recommended diet in patients with hypertension.

*Using in-text citations at the end of a sentence*

A study found that there is a common non-adherence to the recommended diet in patients with hypertension (Guyton and Hall, 2012)

### **Citing sources with three or more authors:**

When citing studies with three or more authors, the expression "et al." should be written next to the first author's surname and given with the year.

*Using in-text citations at the beginning of a sentence*

Whelton et al. (2015) claimed that companies keep their reputations by this way.

*Using in-text citations at the end of a sentence*

Frequency of aerobic exercise, instead of duration, positively affects blood pressure. (Whelton et al. 2015).

**Use more than one reference in the same place:**

If more than one source is used in the same place, they should be stated in alphabetical order according to the authors' surnames and with semicolons (;) between them.

*Use at the start of sentence*

Aksoy et al. (2013), Aytan (2011) and Encar and Gürsoy (2012) stated that non-compliance with the recommended diet is common in patients with hypertension.

*Using in-text citations at the end of a sentence*

The secretion of melatonin changes the effects of the chemotherapeutic agent (Aksoy et al., 2013, Aytan, 2011, Encar and Gürsoy, 2012).

**Citing more than one references by the same author in the same year:**

If an author has more than one publication in the same year, these works are sorted by allocating lowercase letters in alphabetical order after the publication date.

*Using in-text citations at the beginning of a sentence*

Gregory (2012a, 2012b) found that there is a common non-adherence to the recommended diet in patients with hypertension.

*Using in-text citations at the end of a sentence*

Information of healthcare personnel should be updated to ensure that babies are breastfed for a longer period of time (Özsoy and Aksu, 2019a, 2019b).

**Publications made by the same author in different years:**

If an author's publications from different years are to be cited as a reference at the same time, the publication dates should be listed from oldest to the most recent and separated with commas (,).

*Using in-text citations at the beginning of a sentence*

Gregory (2012, 2013) found that there is a common non-adherence to the recommended

diet in patients with hypertension.

*Using in-text citations at the end of a sentence*

It has been found that there is a common non-adherence to the recommended diet in patients with hypertension (Noorimotlagh et al., 2018, 2020).

**Works by different authors with the same surname**

If there are two or more authors with the same surname in the reference, citation is made using the first letter of the author's name in the text even if the years are different.

*Using in-text citations at the beginning of a sentence*

R. Gregory (2012) found that there is a common non-adherence to the recommended diet in patients with hypertension.

*Using in-text citations at the end of a sentence*

It was reported that there is a common non-adherence to the recommended diet in patients with hypertension. (R.M. Gregory, 2012).

**Works of authors with the same surname in the same year related to the same information**

The first letter of the author's names is written at the beginning of the surname and arranged alphabetical order.

*Using in-text citations at the beginning of a sentence*

H.M. Gregory (2012) and R. Gregory (2012) found that there is a common non-adherence to the recommended diet in patients with hypertension.

*Using in-text citations at the end of a sentence*

It was reported that there is a common non-adherence to the recommended diet in patients with hypertension (H.M. Gregory, 2012; R. Gregory, 2012).

**Electronic Journals or Internet Pages**

Internet pages should not be relied upon as a source. When necessary, official websites

of international and national scientific committees and organizations (websites with the extensions “gov”, “edu”, “org” such as WHO, FDA, TÜBİTAK) should be used. The sites of commercial or private persons and organizations and magazine sites with no proven reliability should not be used unless necessary. The web pages used should contain information from scientific publications, organizations audited by a scientific board, and publications of governments, universities and public institutions.

*Example:*

The Turkish Language Association (TDK, 2019) Spelling Guide can be accessed from the website.

According to the data from the Ministry of Health (2019) website, cancer ranks second among diseases that cause death.

The first and subsequent use of references in the text are shown below:

<b>First use in text</b>	<b>Subsequent uses</b>
(Türkiye İstatistik Kurumu [TÜİK], 2019)	(TÜİK, 2019)
(World Health Organization [WHO], 2019)	(WHO, 2019)

**Original computer programs:**

If there is a reference to an original computer program in the thesis, the name of the software and version should be written in parentheses.

*Example:*

Research data was evaluated using SPSS 18 (PASW Inc., Chicago. IL. USA) package program.

**Indirect sources (citing the source from within another publication)**

Absolutely avoid citing a inaccessible source mentioned in an another publication, which is called an indirect source; however, if it is absolutely necessary, the number of references should be limited to three. Indirect sources should be indicated in the text in accordance with the examples below.

*Example:*

As cited in Haas (2013), Lowe et al. (2015) state that the most common diabetes complication is neuropathy.

Lowe et al. (2015) stated that Haas (2013) found that the most common diabetes complication was neuropathy.

### **2.13. List of symbols and abbreviations**

Abbreviation; is a shorten expression and symbolization of a word, term or proper name using one or more of the letters it contains.

In the thesis, abbreviations other than standard abbreviations should be used only when necessary. The known abbreviations for the terms that occur a lot in the text and consist of more than one word, if any, should be abbreviated by using the initials in parentheses after the term in the first place in the text, and the abbreviation of the term should be used in the rest of the text.

Symbols and abbreviations should be listed and sort in an alphabetical order on the front pages of the thesis. Turkish Language Institution Spelling Guide and Turkish spelling rules should be referred to on how to use symbols and abbreviations in thesis writing

International abbreviations for units of measure are to be used; m (meter), mm (millimeter), cm (centimeter), km (kilometer), g (gram), kg (kilogram), l (liter), hl (hectoliter), mg (milligram), m<sup>2</sup> (square meter), cm<sup>2</sup> (square centimeter) etc

### **2.14. Units**

Unless it is necessary to describe the quantities, practical units should be avoided. Basic and derived units, standard symbols of the international unit system (SI) should be used and written in italics to help the disciplines to create common terminology.

Regarding standard abbreviations, the "Measurement and Adjustment Law" published in the Official newsletter numbered 3516 on 21/01/1989, the "International Regulation on the System of Units". published in the official newsletter numbered 24792 on 21/06/2003, and the latest edition of the Turkish Language Association Spelling Guide and the website can be made reference to.

If the word describing the unit has a Turkish or Turkish equivalent, these equivalent should be used in clear spelling, but international standards should be strictly followed in the writing of unit symbols and arbitrary abbreviations should not be made. For example, s, cm, l should be used for the abbreviations of the units like seconds, centimeters, and liters in clear writing and abbreviations such as sn, sm, should not be arbitrarily used.

A period should not be put after the word or abbreviation describing a unit (For example, it should be written in cm, not cm.). A space should be left between the number or

unit describing the quantity (For example, it should be written as 1 cm, not 1cm).

## **2.15. Figures, Pictures and Tables**

Except for tables, all kinds of graphs, drawings, charts, diagrams used can be captioned as figures; photos are captioned as pictures. Figures, pictures and tables should be placed in the text on the page they are first mentioned or on the following page without disrupting the page layout; their dimensions should be within the limits of text block frame. Figures, pictures and tables narrower than the text block should be placed in a way that they are centered the text block. Few figures, pictures and tables related to each other can be given on the same page. Several figure or picture related to each other may need to be on the same page. In this case, the letters (a), (b), (c), ... should be placed in each of them respectively, each one should be given a single figure or picture number, and the descriptions of the lettering should be included in the title of the figure or picture.

All figure, picture and table titles in the thesis must be in the same font and size. The title should be short and concise, reflecting the content of the figure / picture / chart. Unnecessary detail should be avoided in headings. For figures / pictures / tables that take more than one page, figure / picture / table number and explanation must be placed on each page and the phrase (continue) must be placed in parentheses. In addition, explanations of the figure / picture / table should be included.

One line spacing should be left between the last line of the text and the heading of the table, the table title should be written above the table without leaving a space, and if there is a footnote, it should be written under the table without spacing, 1 line spacing should be left between the last line of the text and the figure / picture. The figure / picture title should be written under the figure / picture without leaving any spacing, and if there is a footnote for the figure / picture, it should be written under the figure / picture title without spacing, and 1 line space should be left when passing to the text. Explanations should be stated in the footnote, not in the title. Non-standard abbreviations should be explained in the footnote. Indices 1,2,3 .. must be used for explanations.

Statistical variables such as the standard deviation or standard error of the mean should be specified.

Make sure that each chart, figure or picture is referenced in the text.

Consent should be obtained if data from another published or unpublished source is to be used, and indicated in the acknowledgment section.

Tables can be prepared using characters in font sizes (12 pt.) smaller than those used in the text provided that are eligible, and if necessary, the font size and line spacing can be reduced.

Photographs that decode the identity of individuals should not be used within the scope of the thesis. The photographs to be used after the written consent from the individuals is obtained and should be taped over when presented in the thesis such that the identity of the individual cannot be decoded. The permits obtained should also be included in the appendix.

References of figures, pictures and tables obtained from other sources and directly or conceptually prepared from sources by other authors should be cited at the end of the figure / picture / table title, according to the referencing rule specified in the text.

### **3. ORGANISATION OF CONTENTS IN THESIS**

#### **3.1. Content of the Thesis**

The main parts of the thesis are as follows:

ACCEPTANCE AND APPROVAL

ACKNOWLEDGEMENTS

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF PICTURES

LIST OF TABLES

ÖZET

ABSTRACT

1. INTRODUCTION

2. LITERATURE REVIEW

3. MATERIAL AND METHOD

4. RESULTS

5. DISCUSSION

6. CONCLUSION AND RECOMMENDATIONS

REFERENCES

APPENDIX

SCIENTIFIC ETHICS STATEMENT

CURRICULUM VITAE

### 3.2. Thesis cover page and inner cover

The outer cover should be prepared using 200-300 g of white chrome cardboard. The page layout should be as in the example given on the Institute website. This example can be used at the printing stage.

In four lines “T.C. AYDIN ADNAN MENDERES UNIVERSITY GRADUATE SCHOOL OF NATURAL AND APPLIED SCIENCES PROGRAM NAME using 12 pt Times New Roman, in capital letters must be written centered from the top edge of the cover,

The title of the thesis should be written in 16 pt font, centered, capital letters and bold. If the title of the thesis does not fit on a line, it should be written with 1.5 line spacing. If any living creature's genus or species name is mentioned in the name of the thesis, these words should also be written in uppercase letters and italic.

The name of the candidate, whether the thesis is a PhD / Master's thesis, the name of the supervisor, the city and the year should be written on the outer cover. (12 pt Times New Roman).

The name of the candidate, the name of the program and the year should be written on the back of the outer cover (12 pt Times New Roman).

The online cover preparation form at <http://intemetik.adu.edu.tr/enstitukapak/> can be filled out and used for the printing of thesis, term projects and seminars.

The content and page layout of the inner cover page must be the same as the outer cover. The inner cover should be written on the normal paper used in thesis writing.

If the thesis study is supported by Aydın Adnan Menderes University Scientific Research Projects (BAP) Unit or another organization, this should be indicated on the inner cover with the project number (Figure 1).

**T.C.**

**AYDIN ADNAN MENDERES UNIVERSITY  
GRADUATE SCHOOL OF NATURAL AND APPLIED SCIENCES  
MASTER'S PROGRAMME IN HORTICULTURE**

**THE EFFECTS OF SOME POSTHARVEST  
APPLICATIONS ON CHESTNUTS FRUIT QUALITY  
AND STORAGE TIME**

**BÜŞRA ÇALIŞKAN**

**MASTER'S THESIS**

**SUPERVISOR**

**Prof. Dr. Engin ERTAN**

This thesis was supported by Aydın Adnan Menderes University Scientific Research Projects Unit (Project number ..... )

**AYDIN-2019**

**Figure 1.** Template of thesis cover.

### **3.3. Front pages**

#### **3.3.1. Acceptance and Approval**

The "Acceptance and Approval" page signed by the jury members will be added to the thesis during the printing process. All copies must have a wet signature. The thesis is delivered to the jury members and the Institute Directorate in this final form. The thesis is examined by the Graduation Commission of the Graduate School and after the necessary corrections are made, it is bound and delivered to the Institute. If the study is supported by Aydın Adnan Menderes University Scientific Research Projects (BAP) Unit, a copy of the final version of the thesis, signed and bound by the Institute Director, is to be submitted to the BAP Unit. Acceptance and approval should be prepared in accordance with the example in Figure 2.

A sample of a supervisor approved "Acceptance and Approval" to be used for the term project is given in Figure 3.

## ACCEPTANCE AND APPROVAL

The thesis titled “THE EFFECTS OF SOME POSTHARVEST APPLICATIONS ON CHESTNUTS FRUIT QUALITY AND STORAGE TIME”, prepared by Büşra ÇALIŞKAN, a student of Department of Horticulture Program at T.C. Aydın Adnan Menderes University, Graduate School Of Natural And Applied Science, was accepted as a Master's Thesis by the jury below.

Date of Thesis Defence: .../.../20...

Member (T.D.)	: .....	(Title, Name Surname)	.....	(University)	.....	... (signature)
Member	: .....	(Title, Name Surname)	.....	(University)	.....	... (signature)
Member	: .....	(Title, Name Surname)	.....	(University)	.....	... (signature)

### APPROVAL:

This thesis was approved by the jury above in accordance with the relevant articles of the Aydın Adnan Menderes University Graduate Education and Examination Regulations and was approved on the ..... by from the Board of Directors of the Graduate School of Science in the ..... numbered decision

.....

Institute Director

**Figure 2.** Example of the acceptance and approval.

## ACCEPTANCE AND APPROVAL

The project entitled "Occupational Safety in the Construction Sector" prepared by Tufan TÜRKÖZ, a student of the Interdisciplinary Occupational Health and Safety (EP) Non-Thesis Master Program at T.C. Aydın Adnan Menderes University Institute of Science, was accepted as a Term Project.

.../.../20...  
.....  
Supervisor

### APPROVAL:

This thesis was approved in accordance with the relevant articles of Aydın Adnan Menderes University Graduate Education and Examination Regulations and was accepted on the..... by the Board of Directors in the ..... meeting at the Graduate school of Natural and Applied Science.

.....  
Institute Director

**Figure 3.** Example of Acceptance and approval for term project.

### **3.3.2. Acknowledgements**

The acknowledgment section should be written as succinctly as possible and should not exceed one page. On the Acknowledgment page, the people who directly contributed to the thesis work and people and organizations who outside of their normal duties indirectly contributed in the preparation of the thesis should be thanked.

### **3.3.3. Table of contents**

The table of contents should be in accordance with the example in Figure 4.

Except for the front cover, all pages and sections in the thesis text (Acceptance and Approval, Acknowledgment, Table of Contents, List of Symbols and Abbreviations, List of Figures, List of Pictures, List of Tables, Özet, Abstract, Introduction, Literature Review, Materials and Methods, Results, Discussion, Conclusion and Recommendations, References, Appendices, Scientific Ethics Statement, Curriculum Vitae) and subsection titles must be displayed in the "TABLE OF CONTENTS".

Each title used in the thesis must be in the "TABLE OF CONTENTS" directory, exactly as they are in the text without any changes.

The page number each title on the first page they appear should be written in line in the "TABLE OF CONTENTS". "TABLE OF CONTENTS" title should be centered on the upper border of the text block and written in bold. After the title, 2 lines should be spaced. The page numbers of the main title and sub-titles in the index should be right aligned. If there are appendices that need to be submitted separately from the thesis, they should be shown at the end of the series.

## TABLE OF CONTENTS

APPROVAL AND ACCEPTANCE.....	i
ACKNOWLEDGEMENTS .....	ii
TABLE OF CONTENTS.....	iii
LIST OF SYMBOLS AND ABBREVAITIONS .....	v
LIST OF FIGURES .....	vii
LIST OF PICTURES .....	viii
LIST OF TABLES .....	ix
ÖZET .....	x
ABSTRACT .....	xi
1. INTRODUCTION.....	1
2. LITERATURE REVIEW .....	2
3. MATERIAL AND METHOD .....	27
3.1. Material .....	28
3.2. Method .....	35
4. RESULTS .....	40
5. DISCUSSION .....	50
6. CONCLUSION AND RECOMMENDATIONS.....	65
REFERENCES .....	70
APPENDICES .....	72
APPENDIX 1 (ADÜ-HADYEK) .....	73
SCIENTIFIC ETHICS STATEMENT.....	75
CURRICULUM VITAE.....	76

**Figure 4.** Example for the table of contents.

### 3.3.4. List of symbols and abbreviations

The list of symbols and abbreviations should be prepared alphabetically and in bold (bold). Their explanations should not be bold (thick). The title should be written centered from the upper border of the text block, and the text should start after 2 lines spacing.

If there are letters in the Greek alphabet such as  $\alpha$ ,  $\beta$ ,  $\gamma$ , ... among the symbols, these letters should be listed in the places where their Latin alphabet equivalents can be found (for example: they are listed where  $\alpha$  a,  $\beta$  b will be found). The relevant example is given in Figure 5.

<b>LIST OF SYMBOLS AND ABBREVIATIONS</b>	
<b>AST</b>	: Aspartate Amino Transferase
<b>BPA</b>	: Baird Parker Agar
<b>CAS</b>	: Chemical institution services
<b>DNA</b>	: Deoxyribonucleic Acid
<b>EDTA</b>	: Ethylenediaminetetraacetic acid
<b>GSH</b>	: Glutathione
<b>LPO</b>	: Lipid Peroxidation
<b>NO</b>	: Nitric Acid
<b>NSAII</b>	: Non Steroid Anti Inflammatory Drug
<b>PGE2</b>	: Prostaglandin E2
<b>ROT</b>	: Reactive Oxygen Species
<b>SHS</b>	: Somatic cell count
<b>TSST</b>	: Toxic Shock Syndrome Toxin
<b>ZB</b>	: Zetabyte

**Figure 5.** Example of the List of symbols and abbreviations

### 3.3.5. List of Figures / Pictures / Tables

Figures / Pictures / Tables Index (s) should be arranged on a separate page. The title should be centered from the upper border of the text block, and the text should start after 2 lines spacing. An example of the list of pictures is given in Figure 6.

Figures should be list in the list of Figures / Pictures / Tables according to the order of appearance in the text i.e. “Figure 1...., Figure 2.... .., Picture 1.... .., Picture 2....., Table 1...., Table 2. ...., Etc. ”. If necessary, subgroups belonging to each should be created (Example: Figure 1a., Figure 1b., Figure 1a., Figure 2b.)

<b>LIST OF PICTURES</b>	
<b>Picture 1.</b> Reactive oxygen species generated in phagocytic respiratory burst .....	12
<b>Picture 2.</b> Image of drug administration to rats with gavage.....	14
<b>Picture 3.</b> Histochemical findings.....	25

**Figure 6.** An example for the list of pictures.

## 4. ABSTRACT PAGES

Abstract text should be written using the same font and point size as the main text of the thesis. In the abstract, the objectives, scope of the thesis, the method (s) used and the result (s) should be stated clearly and concisely. In the abstract, “objectives”, “material and method”, “findings” and “result” subtitles should be used. Özet and abstracts should not exceed 1 page, if possible.

### 4.1. Abstract

ABSTRACT title should be written in capital letters, bold and 14 pt, centered on the upper border of the text block. There should be 2 lines of space after the title. On the Özet / Abstract page, first the thesis title should be written (all letters in uppercase, 12 pt and centered on the page) and after a line spacing, the surname of the thesis owner (only the first letter is capital) and the first letter of the name in capital letter, university name, the name of the institute, the name of the program, master / doctorate thesis, city and year should be written in bold letters and this information should be justified on the page, and the abstract text should be written with one line spacing without a paragraph.

At the end of the abstract text, after 1.5 line spacing, the heading "Keywords:" should be opened in bold font and continuing on the same line, maximum 5 keywords related to the thesis should be written in alphabetical order, separated by commas; only the first letters of the words should be written in capital. Turkish keywords should be given in accordance with the Turkish Science Terms Dictionary prepared by TÜBA. English keywords should also be in alphabetical order. It should be given in accordance with the “Medical Subject Headings (MESH)”. Samples of özet and abstract are given in Figures 7 and 8.

## ÖZET

### AYDIN İLİNDE SATIŞ TEZGAHLARINDA TÜKETİME SUNULAN GIDALARDA BİYOFİLM OLUŞTURAN BAKTERİLERİN ARAŞTIRILMASI

**Onur M. Aydın Adnan Menderes Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji Programı, Yüksek Lisans/Doktora Tezi, Aydın, 2019.**

**Amaç:** Bu araştırma Aydın ilinde açıkta satılan çeşitli gıdalardan ve satış tezgahlarından alınan örneklerde biyofilm oluşturan bakterileri araştırmak amacı ile yapılmıştır.

**Materyal ve Yöntem:** Araştırma, 2018 yılı Ekim ayında Aydın ilinde açıkta satışı yapılan peynir, zeytin, tavuk, simit, tatlı, çiğ köfte, balık, midye, tost, et- tavuk döner satış tezgahları, gıda yüzeyleri ile gıdaya temas eden metal ve cam yüzeylerden alınan örnekler ile gerçekleştirilmiştir. İzole edilen bakteriler morfolojik, kültürel ve moleküler yöntemler ile tanılanmıştır. Bakterilerin biyofilm oluşumlarını belirlemek için kalitatif ve kantitatif analizler kullanılmıştır.

**Bulgular:** Araştırmada toplam 15 farklı cinsten 67 bakteri türü tanılanmıştır. Tanılanan bakteri türleri arasından; *Enterococcus faecalis* strain 2623, *Bacillus cereus* strain PJA1.5, *Citrobacter freundii* strain E2WCTM1, *Staphylococcus epidermidis* strain 3039, *Bacillus cereus* strain TBMAX51, *Enterococcus gallinarum* strain CCFM8325, *Enterococcus faecium* strain CAU1957, *Pantoea conspicua* strain B6, *Enterococcus faecium* strain 4525 bakterilerinin biyofilm oluşturma yeteneğine sahip oldukları saptanmıştır.

**Sonuç:** Bu çalışmada açıkta satılan çeşitli gıdaların ve satış tezgahlarının biyofilm oluşturan bakterilerin gelişimine olanak sağladığı sonucuna ulaşılmıştır.

**Anahtar kelimeler:** Biyofilm, Gıda, Gıda Tezgahları, Bakteri, Kalitatif ve Kantitatif Analiz.

**Figure 7.** An example for summary.

## ABSTRACT

### INVESTIGATION OF BIOFILM-FORMING BACTERIA IN FOOD SUPPLIED FOR CONSUMPTION ON SALES STALLS IN AYDIN PROVINCE

**Onur M. Aydın Adnan Menderes University, Graduate School of Natural and Applied Sciences, Biology Program, Master/Doctorate Thesis, Aydın, 2019.**

**Objective:** This research was carried out in order to investigate the bacteria forming biofilms in samples taken from various foods and sales stalls in Aydın province.

**Material and Methods:** The research was carried out with samples taken from cheese, olives, chicken, bagels, desserts, raw meatballs, fish, mussels, toast, meat-chicken doner sales stalls, food surfaces and metal and glass surfaces that are in contact with food, which are sold in open in Aydın in October 2018.

**Results:** A total of 67 bacterial species from 15 different breeds were identified in the study. Enterococcus faecalis strain 2623, Bacillus cereus strain PJA1.5, Citrobacter freundii strain E2WCTM1, Staphylococcus epidermidis strain 3039, Bacillus cereus strain TBMAX51, Enterococcus gallinarum strain CCFM8325, Enterococcus faecium strain CAU1957, Pantoea conspicua strain B6, Enterococcus faecium strain 4525 bacteria among the identified bacteria species were found to have the ability to form biofilms.

**Conclusion:** It was understood in this study that various foods sold in the open and sales stalls allow the growth of bacteria forming biofilms.

**Keywords:** Biofilm, Food, Food Stalls, Bacteria, Qualitative and Quantitative Analysis.

**Figure 8.** An example for the abstract.

## **5. THESIS TEXT**

### **5.1. Introduction**

This section should contain information about the thesis topic. The nature and scope of the researched problem should be presented clearly, the importance of the study should be emphasized briefly by referring to the publications related to the current situation of the subject, and the innovations aimed by the thesis study in terms of contribution and / or method should be expressed. The introduction should not include information about materials and methods, findings or discussion. In the last paragraph of this chapter, the purpose of the thesis and the hypothesis / research questions of the study should be stated clearly.

### **5.2. Literature review**

In this section, information that can shed light on the research conducted and facilitate the understanding of the subject under investigation should be given in a short and concise manner, and previous studies should be introduced. Information should also be given about studies that examined the subject with different methods and materials. In addition, brief information about the results of previous studies on the subject should be given in order to compare the research results. The information in this section should generally be given in historical order, and the reader should have the opportunity to get acquainted with the progress of the work done so far, the issues that have been clarified and the new problems that have emerged. It should be noted that general information should not be more than half of the thesis text.

### **5.3. Material and method**

The Material and Method should be specified in separate headings. The materials used in the material section should be indicated here. The type of research (descriptive, experimental, prospective, etc.), the individuals used, the population (population) and sample size, and how and by what method the samples were selected should be specified. Date of data collection, data collection tools (test tools, surveys, valid and reliable scales, etc.) and who prepared the data collection tools should be written by showing the source when necessary. The forms used (questionnaire, scale, etc.) should be presented as an appendix. Information about the commercial products, chemicals and devices used (brand, model, manufacturer, city, country, etc.) should be given in this section.

The method applied or used should be explained in the method section and reference should be included. The reasons for choosing the method used, its strengths or weaknesses

should be stated. In order to facilitate the understanding of the method, the method scheme can be used especially for experimental or randomized controlled studies. The dependent and independent variables of the research, how the data is evaluated, the criteria / reasons for the data to be accepted or excluded from the study, what was done for missing data, and the statistical tests applied should be explained in this section.

The permissions and ethics committee approval for conducting the study should be specified in this section, and the relevant documents should be presented as Appendix 1, Appendix 2, Appendix 3,... in the " APPENDIX " section.

#### **5.4. Results**

In this section, the results should be presented as they are, and no discussion or comment should be made. Tables, figures (graphs, drawings, charts, diagrams, diagrams) and pictures of the results are included in this section.

#### **5.5. Discussion**

In this section, the material-method and results obtained in the thesis should be discussed within the framework given in the introduction, general information and method sections. The findings should be compared with the domestic and foreign literature, similarities or differences should be stated, if there are differences, the reasons should be explained, and the meaning of the findings mean should be elaborated on. The researcher's opinion should be included in the discussion, but comments that are inconsistent with the truth should be avoided. In this section, unnecessary subtitles should not be created, findings should not be repeated, and table or figure numbers should not be included. Whether the hypotheses of the thesis are verified or not, the contributions of the research to science and the limitations of the research should be stated here.

#### **5.6. Conclusion and Recommendations**

In this section, general and clear expressions should be stated to what extent the purpose of the thesis has been achieved, but statistical expressions should not be used. Suggestions that the researcher wants to convey according to the specific findings obtained from the thesis study should be included in this section. Recommendations should be based on research findings and results, and recommendations should not be made for situations not included in the research findings. Results and suggestions can be written in items. This section should not exceed 2 pages if possible.

## 6.REFERENCES

References are the list of sources used in the thesis, seminar or term project. While preparing the references section, all sources used in the research should be included. Since one of the main purposes of citing references is to enable the reader to access these sources, it is important that the bibliography contains complete and accurate information. The American Psychological Association (APA) guide should be based on the presentation of the sources used in this section.

The list of references should start with the title "REFERENCES" in capital letters and centered, and the list should start after leaving 2 lines spacing after the title. The references should be written using the same font and font size as the main text of the thesis. Paragraph setting for the references according to Microsoft Office Word program are;

General: Alignment (Justify), Outline Level (Body Text),

Indentation: Right-Left (0 cm), Special (hanging), Value (1 cm),

Spacing: Before (0 pt) and After (6 pt), Line spacing (1.5 lines)

All the sources mentioned in the thesis and used during the study, in the prescribed forms and according to their types, are given in alphabetical order, in the references section after the "conclusion and recommendation" section and. The names of the journals should be written clearly and in italics, not abbreviated.

If there are more than one work of the same author in the sources, the works are arranged in ascending order of the year of publication. Works of the same author with a single author are listed before works with multiple authors. If the first authors of two works with multiple authors are the same, the surname of the second author, and if the second authors are the same, the surname of the third author is determinant in alphabetical order.

### **Examples of Correct Writing of References;**

Write the surname (s) of the author (s) and the initial letter (s) of the name (s) and the year of publication in parentheses. A comma is placed after the surname of the author and a period after the abbreviation of the name. The full title of the book is in italics and only the first letter is capitalized (edition / edition number, if available). If there is a subtitle after the title, a ":" mark is placed in between. Place of Publication: Place of Publication: Write the name.

*Example:*

Karaçam, Z. (2018). *Stroke gözlemsel arařtırmalarda yazım standardizasyonu: Kesitsel, vaka-kontrol ve kohort türü arařtırmalar ve yazım örnekleri*. Ankara: Ankara Nobel Tıp Kitapevleri.

Sapolsky, R.M. (2017). *Behave: The biology of humans at our best and worst*. Penguin Books.

West, J.B. (1974). *Respiratory physiology* (2<sup>nd</sup> ed.). Baltimore: Williams and Wilkins.

Note: For translated books, the publication date of the translated is used, not the original book.

### **Sources taken from a book chapter;**

When referencing a chapter from a book with an editor, the author (s) of the relevant chapter, not the names of the editors, are included in the author section. A comma is placed after the surname of the author and a period after the abbreviation of the name. Editor's names are given after the section title. In this case, the source is written according to the draft below.

Author, Y. (year). Chapter title. Editor's name and surname (Ed.), In the title of the book (ss. Xx-xx). Place of publication: Publishing house.

#### *Example:*

Tokaç, M. (2019). Geleneksel ve Tamamlayıcı Tıp Uygulamalarında Etik Problemler. M. Tokaç (Ed.), *Türkiye Klinikleri Tıp Etiği-Hukuku-Tarihi-Özel Konular:Geleneksel ve Tamamlayıcı Tıp Uygulamalarında Etik ve Hukuki Sorunlar* içinde (1. bs., ss. 14-22). Ankara: Türkiye Klinikleri.

Aron, L., Botella, M., Lubart, T. (2019). Culinary arts: Talent and their development. In R.F. Subotnik, P. Olszewski-Kubilius, F.C. Worrell (Eds.), *The psychology of high performance: Developing human potential into domain-specific talent* (pp. 345-359). American Psychological Association.

### **Referencing Scientific Journal Articles;**

Write the surname of the author (s), the initial letter (s) of the name (s) and then the year of publication in parentheses. A comma is placed after the surname of the author and a period after the abbreviation of the name. The title of the article is written then a period is added. The name of the journal should be written clearly and in italics, no shortening, volume number (if any), page / page range of the article. doi number: (if any) is given.

*Example:*

Erbaş, G., Kırkan, Ş., Parın, U., Yüksel, H.T. (2017). Antifungal susceptibilities and identification of *Candida* species by using maldi-tof microbial identification system from cervicovaginal samples. *International Journal of Research in Medical Sciences*, 5(12), 5117-5120. doi:10.18203/2320-6012.ijrms20175429

Özsoy, S. ve Aksu, H. (2019a). Ten Steps to Successful Breastfeeding: Is Step Three Implemented? *Journal of Healthcare*, 1–3. doi:10.4172/2472-1654.100153

Özsoy, S. ve Aksu, H. (2019b). Ten Steps to Successful Breastfeeding: Violation Reasons and Results of Steps 6 and 9. *Turkiye Klinikleri Journal of Nursing Sciences*, 11(1), 74–80. doi:10.5336/nurses.2018-61845

Tanır, H. (2018). The Effect of Balance and Stability Workouts on the Development of Static and Dynamic Balance in 10-12-Year-Old Soccer Players. *Journal of Education and Training Studies*, 6(9), 132-135. doi:10.11114/jets.v6i9.3499

If the number of authors is seven or less, all author names are written in the reference list. For eight authors or more, the name of the first six authors is written, three dots are added, and then the last author's name and the author section is closed.

*Example*

Boyacioglu, M., Sekkin, S., Kum, C., Korkmaz, D., Kiral, F., Yalinkilinc, H. S., ... Akar, F. (2014). The protective effects of vitamin C on the DNA damage, antioxidant defenses and aorta histopathology in chronic hyperhomocysteinemia induced rats. *Experimental and Toxicologic Pathology*, 66(9–10), 407–413. doi:10.1016/j.etp.2014.06.004

**If the source is congress papers;**

Author's surname and initial letter (s) are written. After the surname of the author, a comma and a period are placed after the initials of the name. The title of the paper is indicated in italics and the form of presentation in brackets. The name of the congress and the place where it was held is indicated.

*Example:*

Cacioppo, S. (2019, April 25–28). *Evolutionary theory of social connections: Past, present, and future* [Conference presentation abstract]. Ninety-ninth annual convention of the Western Psychological Association, Pasadena, CA, United States.

Sekkin, S., Kum, C., Boyacioglu, M., Ak, M.O. (2013, September 18-20). *The effects of*

*lycopene on oxidative stress and DNA protection in streptozotocin induced diabetic rats* [Conference presentation]. Tenth International Comet Asay Workshop (ICAW), Porto, Portugal.

### **If the source is a report;**

Write the name of the institution where the report was written and the year in brackets. The name of the report (report number) is indicated in italics and the place where it was published is written.

*Example:*

T.C. Sağlık Bakanlığı Halk Sağlığı Genel Müdürlüğü. (2019). *Türkiye Zoonotik Hastalıklar Eylem Planı (Yayın no. 1130)*. Ankara: Artı6 Medya Tanıtım.

National Cancer Institute. (2019). *Taking time: Support for people with cancer* (NIH Publication No. 18-2059). U.S. Department of Health and Human Services, National Institutes of Health.

### **Citing a published thesis;**

The first letter (s) of the author's surname and the year in brackets. Title of the thesis. written in italics. Master / Doctoral Thesis, the university and institute that the graduate program is affiliated with, and the location are indicated.

*Example:*

Çalışkan, B. (2020) *Effects of some post-harvest applications on fruit quality and storage time in chestnuts* Master's thesis, Aydın Adnan Menderes University Graduate School of Natural and Applied Science, Aydın.

Tural, E. (2019) *Research on the detection of pollinators of chestnut genotypes determined by selection* Master's thesis, Aydın Adnan Menderes University Graduate School of Natural and Applied Science, Aydın.

### **Citings sources from the Current Magazine and Newspaper News;**

If the source is a current magazine and newspaper news, it should be written according to the examples below.

Schaefer, N.K., Shapiro, B. (2019, September 6). New middle chapter in the story of human evolution. *Science*, 365(6457), 981-982.

Carey, B. (2019, March 22). Can we get better at forgetting? *The New York Times*.

### **Citing an Electronic Journal or Internet Environment;**

Electronic journals used should be given with the name of the page, address link and accessed date (E.T. 31.12.2019) in the references section in accordance with the following examples. In the writing of references taken from the internet environment, the gaps between words should be given in the normal sentence format without any extra space.

·

Şencan, İ. ve Doğan, G. (2017). *Bilimsel Yayınlarda Kaynak Gösterme, Tablo ve Şekil Oluşturma Rehberi APA 6 Kuralları. Türk Kütüphaneciler Derneği.*  
[www.tk.org.tr/APA/apa\\_2.pdf](http://www.tk.org.tr/APA/apa_2.pdf) adresinden erişildi.

Türkiye İstatistik Kurumu [TÜİK]. (2019). *İstatistiklerle Gençlik, 2018. Türkiye İstatistik Kurumu.* <http://www.tuik.gov.tr/PreHaberBultenleri.do?id=30723> adresinden erişildi.

UCOL Student Success Team. (2017). *A Guide to APA Referencing Style: 6 th Edition.*  
*UCOL Student Success Team.*  
[http://student.ucol.ac.nz/library/onlineresources/Documents/APA\\_Guide\\_2017.pdf](http://student.ucol.ac.nz/library/onlineresources/Documents/APA_Guide_2017.pdf)  
adresinden erişildi.

World Health Organization [WHO]. (2019). *WHO report on the global tobacco epidemic 2019. World Health Organization.*  
<https://apps.who.int/iris/bitstream/handle/10665/326043/9789241516204-eng.pdf?ua=1>  
adresinden erişildi.

## **7.APPENDIX**

Explanations that disrupt the subject, prevent continuity in reading and perception and are too long to be given as a footnote, sample calculations, derivation of a formula, comprehensive and detailed experiment data, questionnaire forms, additional tables, thesis work permits and ethics copy of committee approval letter, information and documents etc. should be given in this section. An appropriate title should be selected for each appendix to be included in this section, and these should be written in bold (bold) in the order of presentation, as Appendix 1, Appendix 2, Appendix 3..... with each starting on a separate page. Page numbers of the appendices section should continue with the page number following the end of the references section. In addition, the materials (printed documents, cassette, CD, USB stick, etc.) that cannot be presented with the thesis due to their dimensions, qualities and / or scope should be given separately from the thesis, under the title of appendix f in a separate cover or in a suitable envelope with title. The layout can be given in a presentation style that is the same as the entire thesis cover. The font and size used in the appendix do not have to match the font and size of the thesis text.

## 8. SCIENTIFIC ETHICAL STATEMENT

The Scientific Ethical Statement should be prepared as shown in Figure 9 as a new page before the "Curriculum Vitae".

<p style="text-align: center;"><b>T.C.</b></p> <p style="text-align: center;"><b>AYDIN ADNAN MENDERES UNIVERSITY</b></p> <p style="text-align: center;"><b>GRADUATE SCHOOL OF NATURAL AND APPLIED SCIENCES</b></p> <p style="text-align: center;"><b>SCIENTIFIC ETHICAL STATEMENT</b></p> <p>I hereby declare that I composed all the information in my master's / doctoral thesis entitled</p> <p>.....</p> <p>.....within the framework of ethical behavior and academic rules, and that due references were provided and for all kinds of statements and information that do not belong to me in this study in accordance with the guide for writing the thesis. I declare that I accept all kinds of legal consequences when the opposite of what I have stated is revealed.</p> <p style="text-align: right;">.....</p> <p style="text-align: right;">Students full name ... / ... / ...</p>
---

**Figure 9.** An example for the scientific ethical statement

## 9.CURRICULUM VITAE

**Last name, First name:**

**Nationality:**

**Place of birth and date:**

**Telephone** :

**E-mail:**

**Foreign language:**

### Education

Level	Institute	Date of graduation
Doctorate	xxx	
Master's	xxx	
Bachelor's	xxx	

**Scholarships and awards:**

xxxx

### WORK EXPERIENCE

Year	Place/Institute	Title
2004-2011	xxxx	Arş. Gör.
2012-2018	xxx	xxx

### ACADEMIC PUBLICATIONS

#### 1. ARTICLES

xxx

## **2. PROJECTS**

xxx

## **3. POSTERS**

### **A) Posters in International Conferences**

xxx

### **B) Posters in National Conferences**

xxx