



Asst. Prof. ŞEYDA BERK

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#### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAA-4789-2020

ScopusID: 37116506200

Yoksis Researcher ID: 53978



#### Education Information

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- I. Doctorate, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Moleküler Biyoloji Ve Genetik (Dr), Turkey 2012 - 2018
- II. Postgraduate, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Moleküler Biyoloji Ve Genetik (YI) (Tezli), Turkey 2009 - 2012
- III. Postgraduate, Hacettepe University, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, Turkey 2001 - 2007

#### Foreign Languages

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- I. German, B2 Upper Intermediate
- II. English, C1 Advanced

#### Certificates, Courses and Trainings

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- I. Other, TÜBİTAK Bilim Söyleşileri-Steam (Fen, Teknoloji, Mühendislik, Sanat Ve Matematik) -DOKU VE ORGANLARIN 3 BOYUTLU BİYOBASKISI, Ticaret Borsası Ortaokulu ESKİŞEHİR , ODUNPAZARI, 2023
- II. Health&Medicine, INVESTIGATION OF THE RELATIONSHIP BETWEEN GLUCOSE AND INSULIN/INSULIN-LIKE GROWTH FACTORS IN COLORECTAL CANCER STEM CELLS, Erciyes University, Genom and Stem Cell Center (Kayseri/Turkey), 2016
- III. Foreign Language, English B2.2 Upper-Intermediate 2, Erasmus University (Rotterdam/The Netherlands), 2015
- IV. Health&Medicine, INVESTIGATION OF THE RELATIONSHIP BETWEEN GLUCOSE AND INSULIN/INSULIN-LIKE GROWTH FACTORS IN COLORECTAL CANCER CELLS - Erasmus Student Internship Mobility, Erasmus Medical Center (Rotterdam/The Netherlands), 2014
- V. Health&Medicine, The training seminar of the applied live cell imaging and cell analysis system, Sivas Cumhuriyet Üniversitesi, 2014
- VI. Foreign Language, English Speaking Course-ABIGEM, Sivas Cumhuriyet University, 2013

## Dissertations

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- I. Doctorate, Interplay between glucose and insulin/insulin-like growth factors in colorectal cancer (stem) cells. Thesis ID:490254 (in English), Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Moleküler Biyoloji Ve Genetik, 2017
- II. Postgraduate, Determination of the antioxidant, antimicrobial and DNA damage protection potentials of *Myrtus communis*, *Pistacia vera*, *Arum maculatum*, *Ceterach officinarum*, *Inula oculus-christi*. Thesis ID:302651, Sivas Cumhuriyet University, Moleküler Biyoloji Ve Genetik (YI) (Tezli), 2012

## Research Areas

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Health Sciences, Medical Biology, Molecular Biology and Genetics, Natural Sciences

## Academic Titles / Tasks

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- I. Assistant Professor, Sivas Cumhuriyet University, Fen Fakültesi, Moleküler Biyoloji Ve Genetik Bölümü, 2018 - Continues
- II. Research Assistant PhD, Sivas Cumhuriyet University, Fen Fakültesi, Moleküler Biyoloji Ve Genetik Bölümü, 2018 - 2018
- III. Research Assistant, Sivas Cumhuriyet University, Fen Fakültesi, Moleküler Biyoloji Ve Genetik Bölümü, 2010 - 2018

## Academic and Administrative Experience

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- I. Deputy Head of Department, Sivas Cumhuriyet University, Fen Fakültesi, Moleküler Biyoloji Ve Genetik Bölümü, 2024 - Continues
- II. Member of Department Quality Commission, Sivas Cumhuriyet University, Fen Fakültesi, Moleküler Biyoloji Ve Genetik Bölümü, 2019 - Continues
- III. Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Moleküler Biyoloji ve Genetik Bölümü, 2015 - Continues
- IV. Deputy Head of Department, Sivas Cumhuriyet University, Fen Fakültesi, Moleküler Biyoloji Ve Genetik Bölümü, 2019 - 2022
- V. Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Moleküler Biyoloji ve Genetik Bölümü, 2012 - 2014

## Courses

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- I. Assessment and evaluation in education (FOR304), Undergraduate, 2023 - 2024
- II. DEVELOPMENTAL BIOLOGY, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
- III. CELL CULTURE AND APPLICATIONS, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2018 - 2019
- IV. MASTER'S THESIS, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021
- V. STEM CELL ISOLATION, CHARACTERIZATION AND CULTURE TECHNIQS, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
- VI. Seminar Course, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
- VII. BASIC CELL CULTURE TECHNIQS, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

- VIII. Introduction to Education, Undergraduate, 2023 - 2024
- IX. Growth Factors and IGF System, Postgraduate, 2022 - 2023, 2020 - 2021, 2019 - 2020
- X. STEM CELL BIOLOGY, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2019 - 2020, 2018 - 2019
- XI. CYTOGENETIC, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2019 - 2020, 2018 - 2019
- XII. HUMAN GENETICS AND CANCER BIOLOGY, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
- XIII. Teaching Practice (FOR404), Undergraduate, 2023 - 2024
- XIV. Bachelor Thesis, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
- XV. CAREER PLANNING, Undergraduate, 2021 - 2022
- XVI. MOLECULAR DIAGNOSIS METHODS, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2017 - 2018
- XVII. INTRODUCTION TO MOLECULAR BIOLOGY AND GENETICS 2 LAB, Undergraduate, 2019 - 2020
- XVIII. INTRODUCTION TO MOLECULAR BIOLOGY AND GENETICS 1 LAB, Undergraduate, 2019 - 2020
- XIX. BIOINFORMATICS, Undergraduate, 2018 - 2019
- XX. SIGNAL TRANSMISSION SYSTEMS , Undergraduate, 2017 - 2018

## Advising Theses

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- I. Berk Ş., Investigation of the relationship between polymorphisms in vitamin D receptor, Toll-like receptor 2 and Toll-like receptor 4 genes and the prognosis of Crimean-Congo Hemorrhagic Fever disease., Postgraduate, T.NUR(Student), 2025
- II. Berk Ş., Çelebier M., Investigation of lipidomic changes in *Caenorhabditis elegans* after glucose, insulin and metformin administration., Postgraduate, Ö.ÜLKÜ(Student), 2024
- III. Berk Ş., Investigation of the role of mTOR inhibitors in the model organism nematode *Caenorhabditis elegans* (C. elegans), Postgraduate, T.DEMİREL(Student), 2023
- IV. Berk Ş., IDENTIFICATION OF ENDOGENIC REFERENCE GENES FOR REAL-TIME RT-QPCR NORMALIZATION IN *Blattella germanica* (SERVILLE, 1838) (BLATTIDAE, BLATTELLINAE) AND ASSESSMENT OF EXPRESSION STABILITY, Postgraduate, E.UFUK(Student), 2022
- V. Berk Ş., IDENTIFICATION AND VALIDATION OF REFERENCE GENES FOR RT-qPCR NORMALIZATION IN *Nauphoeta cinerea* (OLIVIER, 1789) (BLATTODEA, BLATTELLINAE), Postgraduate, K.ÖZCAN(Student), 2022

## Published journal articles indexed by SCI, SSCI, and AHCI

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- I. **Insulin and IGF-1 extend the lifespan of *Caenorhabditis elegans* by inhibiting insulin/insulin-like signaling and mTOR signaling pathways: C. elegans - Focused cancer research**  
BERK Ş.  
Biochemical and Biophysical Research Communications, vol.729, 2024 (SCI-Expanded)
- II. **Lifespan extension with mTOR inhibitors rapamycin, everolimus, and temsirolimus in *Caenorhabditis elegans* (Maupas, 1899)**  
Demirel T., Özdemir Ö. Ü., Berk Ş.  
RUSSIAN JOURNAL OF NEMATOLOGY, vol.32, no.11, pp.15-30, 2024 (SCI-Expanded)
- III. **Evaluation and normalization of a set of reliable reference genes for quantitative sgk-1 gene expression analysis in *Caenorhabditis elegans*-focused cancer research**  
Özdemir Ö. Ü., Yurt K., PEKTAŞ A. N., BERK Ş.  
Nucleosides, Nucleotides and Nucleic Acids, 2024 (SCI-Expanded)
- IV. **A comprehensive and current review on the role of flavonoids in lung cancer—Experimental and theoretical approaches**  
BERK Ş., KAYA S., Akkol E. K., BARDAKCI H.  
Phytomedicine, vol.98, 2022 (SCI-Expanded)

- V. **Modifying Effects of Glucose and Insulin/Insulin-Like Growth Factors on Colon Cancer Cells**  
Berk Ş., Janssen J. A. M. J. L., Van Koetsveld P. M., Dogan F., Değerli N., Özcan S., Kelestimur F., Hofland L. J.  
FRONTIERS IN ONCOLOGY, vol.11, 2021 (SCI-Expanded)
- VI. **Amoebicidal activity of the rhizomes and aerial parts of *Allium sivasicum* on *Entamoeba histolytica***  
Degerli S., Berk Ş., Tepe B., Malatyali E.  
PARASITOLOGY RESEARCH, vol.111, no.1, pp.59-64, 2012 (SCI-Expanded)
- VII. **In vitro amoebicidal activities of *Satureja cuneifolia* and *Melissa officinalis* on *Acanthamoeba castellanii* cysts and trophozoites**  
Malatyali E., Tepe B., Degerli S., Berk Ş.  
PARASITOLOGY RESEARCH, vol.110, no.6, pp.2175-2180, 2012 (SCI-Expanded)
- VIII. **In vitro amoebicidal activity of *Origanum syriacum* and *Origanum laevigatum* on *Acanthamoeba castellanii* cysts and trophozoites**  
DEĞERLİ S., TEPE B., ÇELİKSÖZ A., BERK Ş., MALATYALI E.  
EXPERIMENTAL PARASITOLOGY, vol.131, no.1, pp.20-24, 2012 (SCI-Expanded)
- IX. **In vitro amoebicidal activities of *Teucrium polium* and *T. chamaedrys* on *Acanthamoeba castellanii* trophozoites and cysts**  
TEPE B., MALATYALI E., DEĞERLİ S., BERK Ş.  
PARASITOLOGY RESEARCH, vol.110, no.5, pp.1773-1778, 2012 (SCI-Expanded)
- X. **Screening of the in vitro amoebicidal activities of *Pastinaca armena* (Fisch & CAMEy.) and *Inula oculus-christi* (L.) on *Acanthamoeba castellanii* cysts and trophozoites**  
DEĞERLİ S., BERK Ş., MALATYALI E., TEPE B.  
PARASITOLOGY RESEARCH, vol.110, no.2, pp.565-570, 2012 (SCI-Expanded)
- XI. **In vitro amoebicidal activity of four *Peucedanum* species on *Acanthamoeba castellanii* cysts and trophozoites**  
MALATYALI E., TEPE B., DEĞERLİ S., BERK Ş., AKPULAT H. A.  
PARASITOLOGY RESEARCH, vol.110, no.1, pp.167-174, 2012 (SCI-Expanded)
- XII. **Screening of the antioxidant, antimicrobial and DNA damage protection potentials of the aqueous extract of *Inula oculus-christi***  
BERK Ş., TEPE B., ARSLAN S.  
AFRICAN JOURNAL OF PHARMACY AND PHARMACOLOGY, vol.5, no.14, pp.1695-1702, 2011 (SCI-Expanded)
- XIII. **Screening of the antioxidant, antimicrobial and DNA damage protection potentials of the aqueous extract of *Asplenium ceterach* DC**  
BERK Ş., TEPE B., ARSLAN S., Sarikurkcü C.  
AFRICAN JOURNAL OF BIOTECHNOLOGY, vol.10, no.44, pp.8902-8908, 2011 (SCI-Expanded)
- XIV. **Chemical Composition, Radical Scavenging and Antimicrobial Activity of the Essential Oils of *Thymus boveii* and *Thymus hyemalis***  
TEPE B., Sarikurkcü C., BERK Ş., Alim A., AKPULAT H. A.  
RECORDS OF NATURAL PRODUCTS, vol.5, no.3, pp.208-220, 2011 (SCI-Expanded)

## Articles Published in Other Journals

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- I. **Visualization of scientific production in *Caenorhabditis elegans*: a bibliometric analysis (1980–2023)**  
BERK Ş., ÖZDEMİR S., PEKTAŞ A. N.  
Genomics and Informatics, vol.22, no.3, 2024 (Scopus)
- II. **Aloe vera Gel Extract Prolongs Lifespan in *Caenorhabditis elegans***  
BERK Ş.  
CUMHURİYET SCIENCE JOURNAL, vol.45, no.1, pp.40-46, 2024 (Peer-Reviewed Journal)
- III. **DNA Barcoding of Commercial Cockroaches in Turkey**  
BERK Ş., PEKTAŞ A. N.

CUMHURİYET SCIENCE JOURNAL, vol.44, no.1, pp.28-35, 2023 (Peer-Reviewed Journal)

**IV. A Review on Biomaterials for Organoid Modeling and Tumor Spheroids**

Berk Ş.

Journal of Physical Chemistry and Functional Materials, vol.5, no.2, pp.1-6, 2022 (Peer-Reviewed Journal)

**V. Identification and Validation of Reference Genes for RT-qPCR Normalization in *Nauphoeta cinerea* (Olivier, 1789) (Blattodea, Blaberidae)**

Özcan K., Pektaş A. N., Berk Ş.

Bilge International Journal of Science and Technology Research, vol.6, no.1, pp.62-72, 2022 (Peer-Reviewed Journal)

**VI. Selection and Validation of Potential Reference Genes for Quantitative Real-Time PCR Analysis in *Blaptica Dubia* (Serville, 1838) (Blattidae, Blaberidae)**

KARAKAŞ E. U., PEKTAŞ A. N., BERK Ş.

CUMHURİYET SCIENCE JOURNAL, vol.43, no.2, pp.176-182, 2022 (Peer-Reviewed Journal)

**VII. Selection and Validation of Reference Genes for Quantitative Real-time PCR in the Mealworm Beetle, *Tenebrio molitor*L. (Coleoptera: Tenebrionidae)**

Berk Ş., Pektaş A. N.

IOSR Journal of Agriculture and Veterinary Science (IOSR-JAVS) (2020), vol.13, pp.44-50, 2020 (Peer-Reviewed Journal)

## Books & Book Chapters

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**I. MicroRNAs in Colorectal Cancer Metastasis**

Berk Ş.

in: Current Debates in Molecular Biology and Genetics, Assist. Prof. Dr. Metin ERTAŞ, Editor, BİDGE Yayınları, Ankara, pp.120-145, 2023

**II. Glucose Metabolism and Cancer**

Berk Ş.

in: Current Debates in Molecular Biology and Genetics, Assist. Prof. Dr. Metin ERTAŞ, Editor, BİDGE Yayınları, Ankara, pp.64-91, 2023

**III. IN SILICO ANALYSIS OF BIOACTIVE PEPTIDES**

Pektaş A. N., Berk Ş.

in: Academic Research and Reviews in the Field of Science and Mathematics, Prof. Dr. Hüsnüye Sağlıkler, Editor, Platanus Publishing, Ankara, pp.558-571, 2023

**IV. EPIGENETICS AND CANCER**

Berk Ş., Pektaş A. N.

in: Academic Research and Reviews in the Field of Science and Mathematics, Prof. Dr. Hüsnüye Sağlıkler, Editor, Platanus Publishing, Ankara, pp.572-585, 2023

**V. TRANSCRIPTOME AND METABOLOME ANALYSIS IN CAENORH ABDITIS ELEGANS MODEL ORGANISM**

Berk Ş., Pektaş A. N.

in: International Research in Science and Mathematics, Filiz ÖZBAŞGERÇEKER, Hasan AKGÜL, Hayri BABA, Editor, SERÜVEN YAYINEVİ, İzmir, pp.131-144, 2022

**VI. Caenorhabditis elegans as a model for anti-cancer drug discovery**

Berk Ş.

in: CURRENT RESEARCH IN THE SCIENCE AND MATHEMATICAL SCIENCES, Prof. Dr. Cansu FİLİK İŞÇEN, Editor, Livre de Lyon, Lyon, pp.73-90, 2022

**VII. DNA BARCODING AS A TOOL FOR MOLECULAR SPECIES IDENTIFICATION**

Pektaş A. N., Berk Ş.

in: THEORETICAL AND APPLIED ACADEMIC STUDIES IN THE FIELD OF BIOLOGY, Şifa TÜRKÖĞLU, Editor, İksad Yayınevi, Ankara, pp.233-262, 2022

## VIII. Colorectal cancer stem cell isolation, identification and culture

Berk Ş.

in: SPECIAL TOPICS IN BIOLOGICAL SCIENCES, Nimet YILDIRIM TİRGİL, Editor, İksad Yayınevi, Ankara, pp.63-90, 2022

## Supported Projects

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- I. Berk Ş., Demirkoparan G., TUBITAK Project, Sivas ili yöresel tıbbi bitkilerinden Madımak (*Polygonum cognatum*-Meissn.) ve Sirken (*Chenopodium album*-L.) türlerinin moleküler tanımlanması için DNA barkodlama teknolojisinin potansiyel uygulaması, 2024 - 2025
- II. Berk Ş., Özdemir Ö. Ü., Çelebier M., Project Supported by Higher Education Institutions, Examination of lipidomic change of *Caenorhabditis elegans* after glucose, insulin and metformin administration., 2023 - 2024
- III. Berk Ş., Çetin A., Durna Daştan S., Yurtcu N., Özdemir Ö. Ü., Project Supported by Higher Education Institutions, Investigation of the effects of the antidiabetic drug metformin and the dual IGF1 / insulin receptor antagonist OSI-906 in the nematode *Caenorhabditis elegans* model and determination of the expression levels of insulin / IGF-1 signaling (IIS) pathway components Project No: F-636, 2021 - 2024
- IV. Berk Ş., Özdemir Ö. Ü., Karasakız E., Bayram H. S., Project Supported by Higher Education Institutions, Investigation of the effects of the antidiabetic drugs metformin and mTOR inhibitors (rapamycin, everolimus, temsirolimus) individually and in combination on fertilization of *Caenorhabditis elegans* individuals and Imaging with Scanning Electron Microscopy, 2022 - 2023
- V. Berk Ş., Kaleli R., Başyıldız B., Yurt K., Project Supported by Higher Education Institutions, Analysis and Scanning Electron Microscopy of the effects of combinations of insulin and insulin-like growth factor 1 receptors (IR/IGF-IR) inhibitors OSI-906 and mTOR inhibitors (rapamycin, everolimus, temsirolimus) on egg production of *Caenorhabditis elegans* individuals, 2022 - 2023
- VI. Berk Ş., Kaleli R., Başyıldız B., TUBITAK Project, Investigation of the effects of combinations of insulin and insulin-like growth factor 1 receptors (IR/IGF-IR) inhibitors OSI-906 and mTOR inhibitors (rapamycin, everolimus, temsirolimus) on aging in *Caenorhabditis elegans* and insulin/insulin-like growth factor (IGF) and determination of gene expression levels of mTOR pathway components, 2022 - 2023
- VII. Berk Ş., Yurt K., Özdemir Ö. Ü., TUBITAK Project, Selection and validation of reliable reference genes for gene expression analysis of quantitative insulin/insulin-like growth factor (IGF) and mTOR pathway components by real-time RT-qPCR in the nematode *Caenorhabditis elegans* model, 2022 - 2023
- VIII. Berk Ş., Karasakız E., Bayram H. S., TUBITAK Project, Investigation of the effects of the combination of the antidiabetic drug metformin and mTOR inhibitors (rapamycin, everolimus, temsirolimus) on aging in the Nematode *Caenorhabditis elegans* model and determining the gene expression levels of the mTOR pathway components., 2022 - 2023
- IX. Berk Ş., Yurtcu N., Çetin A., Durna Daştan S., Özkaraca M., Project Supported by Higher Education Institutions, "Sıçan Batın İçi Endometriozis Modelinde VEGFR1-3 Kinaz İnhibitörü Frukuintinibin Etkisi: VEGF/VEGFR ve Hippo-Yap Moleküllerinin Rolü" adlı 221S049 numaralı TÜBİTAK projesi kapsamında immünohistokimya deneylerinin yapılması Proje No:T-2022-953, 2022 - 2023
- X. Berk Ş., Demirel T., Project Supported by Higher Education Institutions, Investigation of the role of mTOR inhibitors in the nematode *Caenorhabditis elegans* (*C. elegans*) model organism. Project No: F-652, 2021 - 2023
- XI. Berk Ş., Project Supported by Higher Education Institutions, Investigation of the effects of insulin/insulin-like growth factors in the nematode *Caenorhabditis elegans* (*C. elegans*) model organism. Project No: F-651, 2021 - 2023
- XII. Durna Daştan S., Çetin A., Berk Ş., Özkaraca M., Yurtcu N., TUBITAK Project, "Sıçan Batın İçi Endometriozis Modelinde VEGFR1-3 Kinaz İnhibitörü Frukuintinibin Etkisi: VEGF/VEGFR ve Hippo-Yap Moleküllerinin Rolü", 2021 - 2023
- XIII. BERK Ş., Project Supported by Higher Education Institutions, Ülkemizde yetişen bazı bitki türlerinin anti parazitik ve DNA koruyucu aktivitelerinin incelenmesi Proje No F 346, 2011 - 2013



## Activities in Scientific Journals

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- I. Jove-Journal of Visualized Experiments, Editor, 2024 - Continues

## Scientific Refereeing

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- I. EXPERIMENTAL GERONTOLOGY, Journal Indexed in SCI-E, August 2024
- II. TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Sivas Cumhuriyet University, Turkey, February 2024
- III. INTERNATIONAL JOURNAL OF GERONTOLOGY, Journal Indexed in SCI-E, December 2023
- IV. Türk Doğa ve Fen Dergisi, National Scientific Refreed Journal, November 2023
- V. MICROBIAL PATHOGENESIS, Journal Indexed in SCI-E, November 2023
- VI. Gümüşhane Üniversitesi Fen Bilimleri Dergisi, National Scientific Refreed Journal, September 2023
- VII. FRONTIERS IN ONCOLOGY, SCI Journal, July 2023
- VIII. TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, SCI Journal, December 2022
- IX. CUMHURİYET SCIENCE JOURNAL, National Scientific Refreed Journal, October 2022
- X. CUMHURİYET SCIENCE JOURNAL, National Scientific Refreed Journal, July 2022
- XI. Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, National Scientific Refreed Journal, June 2021
- XII. TÜRK DOĞA VE FEN DERGİSİ, National Scientific Refreed Journal, April 2021
- XIII. TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Sivas Cumhuriyet University, Turkey, February 2020
- XIV. Türk Biyoçeşitlilik Dergisi, Other Journals, October 2019
- XV. Turkish Journal of Agriculture - Food Science and Technology, Other Indexed Journal, October 2019
- XVI. Cumhuriyet Science Journal, National Scientific Refreed Journal, February 2019
- XVII. Sinop Üniversitesi Fen Bilimleri Dergisi, Other Journals, February 2019
- XVIII. Cumhuriyet Science Journal, National Scientific Refreed Journal, October 2018
- XIX. Cumhuriyet Science Journal, National Scientific Refreed Journal, February 2018
- XX. Pharmaceutical Biology, SCI Journal, March 2014
- XXI. PHARMACEUTICAL BIOLOGY, SCI Journal, February 2014
- XXII. PHARMACEUTICAL BIOLOGY, SCI Journal, November 2013
- XXIII. PHARMACEUTICAL BIOLOGY, SCI Journal, September 2013

## Mobility Activity

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- I. Other, Seminar, Eskişehir Ticaret Borsası Ortaokulu, Turkey, 2023 - 2023
- II. Erasmus Programme, Lecturing, Arnavutluk Tiran Üniversitesi, Albania, 2023 - 2023
- III. Erasmus Programme, Lecturing, Addis Ababa University, Ethiopia, 2021 - 2021
- IV. Erasmus Programme, Lecturing, Université Abdelmalek Essadi, Morocco, 2018 - 2018
- V. Other, Research During Graduate Education, Erciyes University, Turkey, 2016 - 2017
- VI. Erasmus Programme, Student Mobility, Erasmus Universiteit Rotterdam, Netherlands, 2014 - 2015

## Metrics

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Publication: 61  
Citation (WoS): 290  
Citation (Scopus): 320  
H-Index (WoS): 9

H-Index (Scopus): 9

### Congress and Symposium Activities

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- I. Novel Developments in the management of pituitary and Adrenal tumors, Working Group, Rotterdam, Netherlands, 2015
- II. Science Days, Working Group, Antwerp, Belgium, 2015
- III. 2. National Congress of Molecular Biology and Biotechnology, Working Group, Antalya, Turkey, 2012
- IV. 9. Ankara Biotechnology Days, Microbial Biotechnology, Working Group, Ankara, Turkey, 2011
- V. 1st International Symposium of Secondary Metabolites, Working Group, Denizli, Turkey, 2011
- VI. 1.National Congress of Molecular Biology and Biotechnology, Working Group, Antalya, Turkey, 2010

### Coaching Duties

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### Refereeing Duties

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