

Asst. Prof. YEŞİM AKTÜRK DİZMAN

Personal Information

Office Phone: [+90 464 223 6126](tel:+904642236126) Extension: 1830

Email: yesim.akturk@erdogan.edu.tr

Web: <https://avesis.erdogan.edu.tr/yesim.akturk>

International Researcher IDs

ORCID: 0000-0003-0185-502X

Yoksis Researcher ID: 40047

Education Information

Doctorate, Recep Tayyip Erdogan University, Fen Bilimleri Enstitüsü, Biyoloji, Turkey 2006 - 2014

Undergraduate, Karadeniz Technical University, Fatih Eğitim Fakültesi, Biyoloji Öğetmenliği, Turkey 2000 - 2005

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Eğitimcilerin Eğitimi, Recep Tayyip Erdoğan Üniversitesi, 2019

Education Management and Planning, Fen ve Mühendislik Bilimlerinde Araştırma Projesi Hazırlama Eğitimi, Recep Tayyip Erdoğan Üniversitesi, 2014

Education Management and Planning, I. Real Time qRT-PCR Çalıştayı, Orta Doğu Teknik Üniversitesi, 2006

Dissertations

Doctorate, CHILO IRIDESCENT VİRÜS'E AİT EKZONÜKLEAZ GENİNİN (012L) MOLEKÜLER VE FONKSİYONEL ANALİZİ, Karadeniz Technical University, Güneysu Fizik Tedavi ve Rehabilitasyon Yüksekokulu, Biyoloji, 2014

Research Areas

Life Sciences, Biotechnology, Microbial Biotechnology, Microbiology, Virology, Molecular Biology and Genetics, Microbial Genetics, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Biyoloji Bölümü, 2018 - Continues

Assistant Professor, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Biyoloji Bölümü, 2016 - 2018

Research Assistant, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Biyoloji Bölümü, 2007 - 2016

Academic and Administrative Experience

Deputy Head of Department, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Biyoloji Bölümü, 2022 - Continues

Birim Kalite Komisyonu Üyesi, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Biyoloji Bölümü, 2022 - Continues

Bölüm Kalite Komisyonu Üyesi, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Biyoloji Bölümü, 2019 - Continues

Birim Kalite Komisyonu Üyesi, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Biyoloji Bölümü, 2019 - 2022

Courses

Genel Mikrobiyoloji Laboratuvarı, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Genel Mikrobiyoloji, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Moleküler Tekniklerde Uygulama Hataları ve Çözümleri, Postgraduate, 2023 - 2024

Mikrobiyal Mücadele, Postgraduate, 2023 - 2024, 2018 - 2019, 2016 - 2017

Öğretmenlik Uygulaması, Undergraduate, 2023 - 2024

Uzmanlık Alan Dersi-1, Postgraduate, 2023 - 2024

Antimikrobiyal Direncin Belirlenmesinde Moleküler Teknikler, Doctorate, 2023 - 2024, 2022 - 2023

Bitirme Çalışması, Undergraduate, 2023 - 2024, 2021 - 2022, 2020 - 2021

Seminer, Postgraduate, 2023 - 2024

Prokaryotik Gen Ekspresyonu, Doctorate, 2023 - 2024

Prokaryotik Organizmalarda Metabolizma, Postgraduate, 2022 - 2023

Uzmanlık Alan Dersi-1, Doctorate, 2023 - 2024

Moleküler Genetiğin Prensipleri, Postgraduate, 2023 - 2024, 2022 - 2023

Bakterilerde Antimikrobiyal Direnç, Doctorate, 2023 - 2024

Hücre Biyolojisi, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Bakteri Plazmit Genetiği, Doctorate, 2022 - 2023

Hücre Biyolojisi Laboratuvarı, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2019 - 2020

Mesleki Deneyim, Undergraduate, 2022 - 2023

Uzmanlık Alan Dersi-I, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2017 - 2018, 2016 - 2017

Yüksek Lisans Tezi, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2017 - 2018

Genel Biyoloji, Undergraduate, 2021 - 2022, 2020 - 2021

Seminer, Postgraduate, 2020 - 2021, 2019 - 2020, 2017 - 2018, 2016 - 2017

Biyoteknoloji, Undergraduate, 2019 - 2020, 2017 - 2018, 2016 - 2017

Moleküler Biyoteknoloji, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018

Moleküler Biyolojiye Giriş, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Laboratuvar Temel Bilgisi, Undergraduate, 2019 - 2020, 2018 - 2019

Biyolojik Mücadele, Undergraduate, 2018 - 2019, 2016 - 2017

Moleküler Hücre Biyolojisi, Postgraduate, 2019 - 2020, 2018 - 2019, 2016 - 2017

Moleküler Genetiğin Prensipleri, Postgraduate, 2019 - 2020

Moleküler Biyolojide Gerekli Laboratuvar Becerileri, Postgraduate, 2018 - 2019, 2017 - 2018

Hücre Biyolojisi, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017

Bakteri Plazmit Genetiği, Doctorate, 2017 - 2018

Viroloji, Undergraduate, 2016 - 2017

Advising Theses

Aktürk Dizman Y., Escherichia coli ve Klebsiella pneumoniae KLİNİK İZOLATLARINDA ANTİBİYOTİK DİRENÇ GENLERİNİN ARAŞTIRILMASI, Postgraduate, F.KAVALCI(Student), 2023

Jury Memberships

Doctorate, Doctorate, Recep Tayyip Erdoğan Üniversitesi, June, 2024
Post Graduate, Post Graduate, Recep Tayyip Erdoğan Üniversitesi, December, 2023
Post Graduate, Post Graduate, Recep Tayyip Erdoğan Üniversitesi, July, 2022
Doctorate, Doctorate, Recep Tayyip Erdoğan Üniversitesi, June, 2022
Post Graduate, Post Graduate, Recep Tayyip Erdoğan Üniversitesi, March, 2022
Post Graduate, Post Graduate, Recep Tayyip Erdoğan Üniversitesi, February, 2022
Doctorate, Doctorate, Recep Tayyip Erdoğan Üniversitesi, October, 2021
Post Graduate, Post Graduate, Gümüşhane Üniversitesi, July, 2021
Doctorate, Doctorate, Recep Tayyip Erdoğan Üniversitesi, October, 2020
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Recep Tayyip Erdoğan Üniversitesi, February, 2020
Post Graduate, Post Graduate, Recep Tayyip Erdoğan Üniversitesi, January, 2020
Post Graduate, Post Graduate, Recep Tayyip Erdoğan Üniversitesi, June, 2019
Post Graduate, Post Graduate, Recep Tayyip Erdoğan Üniversitesi, June, 2019
Post Graduate, Post Graduate, Recep Tayyip Erdoğan Üniversitesi, June, 2019
Post Graduate, Post Graduate, Recep Tayyip Erdoğan Üniversitesi, July, 2018
Post Graduate, Post Graduate, Recep Tayyip Erdoğan Üniversitesi, July, 2018
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Recep Tayyip Erdoğan Üniversitesi, July, 2018
Doctoral Examination, Doctoral Examination, Recep Tayyip Erdoğan Üniversitesi, June, 2018
Doctorate, Doctorate, Recep Tayyip Erdoğan Üniversitesi, January, 2018
Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, June, 2017
Doctoral Examination, Doctoral Examination, Recep Tayyip Erdoğan Üniversitesi, February, 2017
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Recep Tayyip Erdoğan Üniversitesi, December, 2016
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Recep Tayyip Erdoğan Üniversitesi, December, 2016
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Recep Tayyip Erdoğan Üniversitesi, October, 2016
Doctoral Examination, Doctoral Examination, Recep Tayyip Erdoğan Üniversitesi, June, 2016
Post Graduate, Post Graduate, Recep Tayyip Erdoğan Üniversitesi, June, 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Analysis of codon usage bias of exonuclease genes in invertebrate iridescent viruses**
Aktürk Dizman Y.
VIROLOGY, vol.593, no.5, pp.1-14, 2024 (SCI-Expanded)
- II. **Codon usage bias analysis of the gene encoding NAD⁺-dependent DNA ligase protein of Invertebrate iridescent virus 6**
Aktürk Dizman Y.
ARCHIVES OF MICROBIOLOGY, vol.205, no.11, pp.1-19, 2023 (SCI-Expanded)
- III. **Molecular and in silico cloning, identification, and preharvest period expression analysis of a putative cytochrome P450 monooxygenase gene from Camellia sinensis (L.) Kuntze (tea)**
Eminoğlu A., Akturk Dizman Y., Guzel Ş., Beldüz A. O.
TURKISH JOURNAL OF BIOLOGY, vol.42, no.1, pp.1-11, 2018 (SCI-Expanded)
- IV. **Chilo iridescent virus (CIV) ORF 012L encodes a protein with both exonuclease and endonuclease functions**
Dizman Y., MURATOĞLU H., SANDALLI C., NALÇACIOĞLU R., DEMİRBAĞ Z.

ARCHIVES OF VIROLOGY, vol.161, no.11, pp.3029-3037, 2016 (SCI-Expanded)

V. Transcriptomic analysis of Chilo iridescent virus immediate early promoter

Dizman Y., DEMİRBAĞ Z., Ince I. A., NALÇACIOĞLU R.

VIRUS RESEARCH, vol.167, no.2, pp.353-357, 2012 (SCI-Expanded)

VI. Amsacta moorei entomopoxvirus encodes a functional DNA photolyase (AMV025)

Nalçacıoğlu R., Dizman Y., Vlak J. M., DEMİRBAĞ Z., van Oers M. M.

JOURNAL OF INVERTEBRATE PATHOLOGY, vol.105, no.3, pp.363-365, 2010 (SCI-Expanded)

Articles Published in Other Journals

I. A Detailed Analysis of Codon Usages Bias and Affecting Factors in the Topoisomerase II Gene of Invertebrate iridescent virus 6

AKTÜRK DİZMAN Y.

Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.24, no.3, pp.492-503, 2024 (Peer-Reviewed Journal)

II. A Comprehensive Comparative Analysis on the Codon Usage Bias of DNA Polymerase Genes in Invertebrate Iridescent Viruses

AKTÜRK DİZMAN Y.

Recep Tayyip Erdoğan Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.5, no.1, pp.32-48, 2024 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. Codon Usage Bias in The Metalloprotease Gene of Invertebrate Iridescent Virus 6

Aktürk Dizman Y.

3rd International Congress on Multidisciplinary Natural Sciences and Engineering (ICOMNAS-2023), Ankara, Turkey, 7 - 08 December 2023, pp.127

II. Invertebrate iridescent virus 6 (IIV6)'ya ait helikaz geninin kodon kullanım eğilimi analizi

Aktürk Dizman Y.

6th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2023), Ankara, Turkey, 11 - 13 October 2023, pp.415

III. Camellia sinensis (L.) Kuntze (Çay) Bitkisine Ait Sitokrom P450 Monooksijenaz Geninin Genetik Polimorfizminin Belirlenmesi

EMİNOĞLU A., AKTÜRK DİZMAN Y., GÜZEL Ş.

1st International Plant Biology Congress (ICONBP), Konya, Turkey, 10 - 12 May 2018, vol.X

IV. Functional analysis of exonuclease gene (012L) of Chilo iridescent virus,

AKTÜRK DİZMAN Y., SANDALLI C., DEMIRBAG Z., NALCADIOGLU R.

47. Annual meeting of the society for invertebrate pathology, Mainz, Germany, 3 - 07 August 2014, pp.129

V. In vitro characterization of Chilo iridescent virus 012L encoded protein

AKTÜRK DİZMAN Y., SANDALLI C., NALCADIOGLU R., DEMIRBAG Z.

4. International participated entomopathogens and microbial control symposium, Artvin, Turkey, 11 - 13 September 2013, pp.53

VI. Chilo iridescent virüse ait ekzonükleaz geninin karakterizasyonu ve bakülovirüs ekspresyon vektör sisteminde ifadesi

AKTÜRK DİZMAN Y., DEMIRBAG Z., NALCADIOGLU R.

21. Ulusal Biyoloji Kongresi, İzmir, Turkey, 3 - 07 September 2012, pp.271-272

VII. Cloning, characterization and expression of chitinase A, B and C genes isolated from Serretia marcescens originating from Helicoverpa armigera and determining their insectisidal activity

AKTÜRK DİZMAN Y.

43. Annual meeting of the society for invertebrate pathology, Trabzon, Turkey, 11 - 15 July 2010, pp.111
- VIII. **An Active DNA photolyase (AMV025) from Amsacta moorei entomopoxvirus**
NALCACIOGLU R., AKTÜRK DİZMAN Y., SEZEN K., INCE I. A., Vlak J. M., DEMIRBAG Z., ARIF B. M., van Oers M. M.
2. Entomopatojenler ve Mikrobiyal Kontrol Sempozyumu, Muğla, Turkey, 24 - 27 September 2009, pp.25
- IX. **Chilo iridescent virüs (CIV)'e ait ekzonükleaz geninin transkriptomik analizi ve potansiyel promotor bölgesinin belirlenmesi.**
AKTÜRK DİZMAN Y., INCE I. A., NALCACIOGLU R., DEMIRBAG Z.
19. Ulusal biyoloji kongresi, Trabzon, Turkey, 23 - 27 July 2008, pp.105
- X. **Potential promoter regions and Transcriptional analysis of immediate early, delayed early and late genes of Chilo iridescent virus (CIV)**
DEMIRBAG Z., INCE I. A., AKTÜRK DİZMAN Y., van Oers M. M., Vlak J. M., NALCACIOGLU R.
Gene Expression Control and Genome Evolution, Okayama, Japan, 19 - 21 September 2007, pp.115
- XI. **Determination of the promoter region of the Chilo iridescent virus (CIV) Exonuclease gene**
AKTÜRK DİZMAN Y., INCE I. A., NALCACIOGLU R., DEMIRBAG Z.
40th SIP Annual Meeting of the Society for Invertebrate Pathology, Quebec City, Canada, 12 - 16 August 2007, pp.78
- XII. **Potential promoter regions and Transcriptional analysis of immediate early, delayed early and late genes of Chilo iridescent virus (CIV)**
NALCACIOGLU R., INCE I. A., AKTÜRK DİZMAN Y., van Oers M. M., Vlak J. M., DEMIRBAG Z.
1. Entomopatojenler ve Mikrobiyal Mücadele sempozyumu, Trabzon, Turkey, 21 - 24 June 2007, pp.14

Supported Projects

AKTÜRK DİZMAN Y., NALÇACIOĞLU R., Project Supported by Higher Education Institutions, Chilo iridescent virüse ait NAD⁺-bağımlı DNA Ligaz Geninin Moleküler Karakterizasyonu, 2016 - 2020

Eminoğlu A., Aktürk Dizman Y., TUBITAK Project, Camellia sinensis (L.) Kuntze (Çay) Bitkisine Ait Sitokrom P450 Monooksijenaz Geninin Klonlanması, Moleküler Karakterizasyonu ve Genetik Polimorfizminin Belirlenmesi (TÜBİTAK 1002) (YÜRÜTÜCÜ), 2014 - 2015

TUBITAK Project, Türkiye Orijinli Pestivirus İzolatlarında Immundominant E Gen Bölgesinin Karakterizasyonu Ve Baculovirus Ekspresyon Sistemi Kullanılarak E Gen Bölgesine Ait Rekombinant Protein Üretimi, 2011 - 2014

AKTÜRK DİZMAN Y., TUBITAK Project, Chilo İridescent Virus (CIV)'e ait Ekzonükleaz Geninin Promotor Bölgesinin Belirlenmesi, 2008 - 2009

TUBITAK Project, Amsacta moorei Entomopoksivirus Protein Kinaz Geninin Karakterizasyonu ve Fonksiyonel Analizi, 2006 - 2009

Scientific Refereeing

GENE, Journal Indexed in SCI-E, June 2024

POLISH JOURNAL OF MICROBIOLOGY, Journal Indexed in SCI-E, June 2024

JOURNAL OF INVERTEBRATE PATHOLOGY, Journal Indexed in SCI-E, October 2023

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Erzurum Technical University, Turkey, June 2023

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Bilecik Seyh Edebali University, Turkey, June 2023

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Fırat University, Turkey, June 2023

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Erzurum Technical University, Turkey, June 2023

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Karadeniz Technical

University, Turkey, June 2023

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Bilecik Seyh Edebali

University, Turkey, June 2023

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Van Yüzüncü Yıl University, Turkey, June 2023

Gümüşhane Üniversitesi Sağlık Bilimleri Dergisi, National Scientific Refreed Journal, November 2022

Project Supported by Higher Education Institutions, BAP Research Project, Gumushane University, Turkey, March 2019

CUMHURİYET SCIENCE JOURNAL, National Scientific Refreed Journal, October 2018

Project Supported by Higher Education Institutions, BAP Research Project, Recep Tayyip Erdogan University, Turkey, August 2017

TURKISH JOURNAL OF BIOLOGY, Journal Indexed in SCI-E, March 2016

Metrics

Publication: 20

Citation (WoS): 27

Citation (Scopus): 32

H-Index (WoS): 2

H-Index (Scopus): 3

Congress and Symposium Activities

47. Annual meeting of the society for invertebrate pathology, Attendee, Mainz, Germany, 2014

4. International participated enthomopathogens and microbial control symposium, Attendee, Augsburg, Turkey, 2013

21. Ulusal Biyoloji Kongresi, Attendee, Turkey, 2012

43. Annual meeting of the society for invertebrate pathology, Attendee, Turkey, 2010

2. Entomopatojenler ve Mikrobiyal Kontrol Sempozyumu, Attendee, Turkey, 2009

19. Ulusal biyoloji kongresi, Attendee, Turkey, 2008

Gene Expression Control and Genome Evolution Symposium, Attendee, Japan, 2007

40th SIP Annual Meeting of the Society for Invertebrate Pathology, Attendee, Canada, 2007

1. Entomopatojenler ve Mikrobiyal Mücadele sempozyumu, Attendee, Turkey, 2007

Scholarships

Yurtdışı doktora araştırma bursu, YOK, 2010 - 2010