

Prof. FERHAT MATUR

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International Researcher IDs

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Publons / Web Of Science ResearcherID: O-9854-2019

ScopusID: 10638911500

Yoksis Researcher ID: 28536

Education Information

Doctorate, Zonguldak Bülent Ecevit University, Graduate School Of Natural And Applied Sciences, Biyoloji (Dr), Turkey
1950 - 2009

Postgraduate, Zonguldak Bülent Ecevit University, Graduate School Of Natural And Applied Sciences, Biyoloji (YI) (Tezli),
Turkey 2001 - 2005

Undergraduate, Ankara University, Finans-Bankacılık Ve Sigortacılık Bölümü, Biyoloji Bölümü, Turkey 1996 - 2001

Dissertations

Doctorate, Batı Türkiye Nannospalax (Mammalia: Rodentia) kromozomal formlarının G ve C bantlama yöntemleriyle karşılaştırılması, Zonguldak Bülent Ecevit University, Graduate School Of Natural And Applied Sciences, Biyoloji, 2009

Postgraduate, Bilecik ili Spalax leucodon Nordmann, 1840 (Mammalia: Rodentia)'xxlarının karyolojik ve morfolojik analizi, Zonguldak Bülent Ecevit University, Graduate School Of Natural And Applied Sciences, Biyoloji, 2005

Research Areas

Biodiversity, Animal Diversity, Animal Geography, Systematic Zoology, Cytogenetic, Evolution, Population Genetics

Academic Titles / Tasks

Professor, Dokuz Eylül University, Fen Fakültesi, Biyoloji Bölümü, 2020 - Continues

Associate Professor, Dokuz Eylül University, Fen Fakültesi, Biyoloji Bölümü, 2017 - 2020

Associate Professor, Zonguldak Bülent Ecevit University, Faculty Of Arts And Sciences, 2012 - 2016

Assistant Professor, Zonguldak Bülent Ecevit University, Faculty Of Arts And Sciences, 2009 - 2012

Research Assistant, Zonguldak Bülent Ecevit University, Faculty Of Arts And Sciences, 2002 - 2009

Academic and Administrative Experience

Head of Department, Dokuz Eylul University, 2017 - Continues

Fakülte Yönetim Kurulu Üyesi, Dokuz Eylul University, Fen Fakültesi, Biyoloji Bölümü, 2020 - 2021

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Dokuz Eylul University, Fen Fakültesi, Biyoloji Bölümü, 2016 - 2019

Deputy Head of Department, Dokuz Eylul University, Fen Fakültesi, Biyoloji Bölümü, 2016 - 2018

Courses

POPULASYON GENETİĞİ, Postgraduate, 2018 - 2019, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

Mesleki İngilizce, Undergraduate, 2018 - 2019

Nümerik Taksonomi, Postgraduate, 2018 - 2019

Biyokimya, Undergraduate, 2018 - 2019

Genetik, Undergraduate, 2018 - 2019, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Genetik Laboratuvarı, Undergraduate, 2018 - 2019, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

MAMMALOJİ, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012

MOLEKÜLER SİSTEMATİK, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

MOLEKÜLER EKOLOJİ, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

BİYOİSTATİSTİK, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

POPULASYON BİYOLOJİSİ, Doctorate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

İLERİ BİYOİSTATİSTİK, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

HAYVAN COĞRAFYASI, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

ÇOK DEĞİŞKENLİ İSTATİSTİKSEL ANALİZLER, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

MEMELİ KARYOTİPİ HAZIRLAMA VE DEĞERLENDİRME TEKNİKLERİ, Doctorate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

GENETİK MÜHENDİSLİĞİ, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Advising Theses

MATUR F., Türkiye Nannospalax'larının (mammalia: rodentia) sismik iletişim özelliklerinin incelenmesi, Doctorate, F.ÇOLAK(Student), 2015

ÖKTEM İ. M. A., MATUR F., Zonguldak ilinde yayılış gösteren Apodemus ve Myodes (Mammalia:Rodentia) türlerinin populasyon yapısı ve bu türlerin taşıdıkları kuduz (Lyssavirus)'un belirlenmesi, Postgraduate, T.CEYLAN(Student), 2014

Jury Memberships

Associate Professor Exam, Associate Professor Exam, Dokuz Eylül Üniversitesi, October, 2021

Published journal articles indexed by SCI, SSCI, and AHCI

I. Phylogenetic Characterization of Orthohantavirus dobravaense (Dobrava Virus).

Erdin M., Polat C., Smura T., Irmak S., Cetintas O., Cogal M., Colak F., Karatas A., Sozen M., Matur F., et al.
Emerging infectious diseases, vol.30, no.4, pp.779-782, 2024 (SCI-Expanded)

II. Borrelia miyamotoi in wild rodents from four different regions of Turkey

Çelebi B., Yeni D. K., Yılmaz Y., Matur F., Babür C., Öktem İ. M. A., Sözen M., Karataş A., Raoult D., Mediannikov O., et al.

Ticks and Tick-borne Diseases, vol.14, no.3, 2023 (SCI-Expanded)

- III. **Editorial: Population genomics and adaptation to novel environments: challenges and opportunities**
MATUR F., KESKİN E., Sezgin E.
Frontiers in Ecology and Evolution, vol.11, 2023 (SCI-Expanded)
- IV. **Precise paternal ancestry of hybrid unisexual ZW lizards (genus *Darevskia*: Lacertidae: Squamata) revealed by Z-linked genomic markers**
Yanchukov A., Tarkhnishvili D., Erdolu M., Sahin M. K., CANDAN K., Murtskhvaladze M., Gabelaia M., Iankoshvili G., Barateli N., ILGAZ Ç., et al.
BIOLOGICAL JOURNAL OF THE LINNEAN SOCIETY, vol.136, no.2, pp.293-305, 2022 (SCI-Expanded)
- V. **Do Seismic Signals Diverge at the Level of Cytotypes in Turkish Blind Mole Rats?**
Colak F., MATUR F.
PAKISTAN JOURNAL OF ZOOLOGY, vol.52, no.6, pp.2101-2110, 2020 (SCI-Expanded)
- VI. **Characterization of *Bartonella taylorii* Strains in Small Mammals of the Turkish Thrace**
POLAT C., Celebi B., IRMAK S., Karatas A., Colak F., MATUR F., SÖZEN M., ÖKTEM İ. M. A.
ECOHEALTH, vol.17, no.4, pp.477-486, 2020 (SCI-Expanded)
- VII. **First molecular detection and identification of *Leishmania* species in small wild rodents from Turkey**
Karakus M., oktem M. A., SÖZEN M., MATUR F., Colak F., Nalcaci M., ÖZBEL Y., TÖZ S.
PARASITOLOGY, vol.147, no.10, pp.1088-1093, 2020 (SCI-Expanded)
- VIII. **Genotypic similarities among the parthenogenetic *Darevskia* rock lizards with different hybrid origins**
Tarkhnishvili D., Yanchukov A., ŞAHİN M. K., Gabelaia M., Murtskhvaladze M., CANDAN K., Galoyan E., Arakelyan M., Iankoshvili G., KUMLUTAŞ Y., et al.
BMC EVOLUTIONARY BIOLOGY, vol.20, no.1, 2020 (SCI-Expanded)
- IX. **Morphometrics and genetics highlight the complex history of Eastern Mediterranean spiny mice**
Renaud S., Hardouin E. A., Chevret P., Papayiannis K., Lymberakis P., MATUR F., Garcia-Rodriguez O., Andreou D., Cetintas O., SÖZEN M., et al.
BIOLOGICAL JOURNAL OF THE LINNEAN SOCIETY, vol.130, no.3, pp.599-614, 2020 (SCI-Expanded)
- X. **Altitudinal Effects on Innate Immune Response of a Subterranean Rodent**
Solak H. M., Yanchukov A., Colak F., MATUR F., Sozen M., AYANOĞLU İ. C., Winternitz J. C.
ZOOLOGICAL SCIENCE, vol.37, no.1, pp.31-41, 2020 (SCI-Expanded)
- XI. **Molecular Survey of *Babesia microti* (Aconoidasida: Piroplasmida) in Wild Rodents in Turkey**
Usluca S., Celebi B., Karasartova D., GÜRESER A. S., MATUR F., Oktem M. A., SÖZEN M., Karatas A., Babur C., Mumcuoglu K. Y., et al.
JOURNAL OF MEDICAL ENTOMOLOGY, vol.56, no.6, pp.1605-1609, 2019 (SCI-Expanded)
- XII. **Two major clades of blind mole rats (*Nannospalax* sp.) revealed by mtDNA and microsatellite genotyping in Western and Central Turkey**
MATUR F., Yanchukov A., Colak F., SÖZEN M.
MAMMALIAN BIOLOGY, vol.94, pp.38-47, 2019 (SCI-Expanded)
- XIII. **A novel genetic lineage of Tula orthohantavirus in Altai voles (*Microtus obscurus*) from Turkey**
Polat C., ERGÜNAY K., IRMAK S., Erdin M., Brinkmann A., Cetintas O., Cogal M., SÖZEN M., MATUR F., Nitsche A., et al.
INFECTION GENETICS AND EVOLUTION, vol.67, pp.150-158, 2019 (SCI-Expanded)
- XIV. **Dobrava hantavirus variants found in *Apodemus flavicollis* mice in Krklareli Province, Turkey**
Polat C., Sironen T., Plyusnina A., Karatas A., SÖZEN M., MATUR F., Vapalahti O., ÖKTEM İ. M. A., Plyusnin A.
JOURNAL OF MEDICAL VIROLOGY, vol.90, no.5, pp.810-818, 2018 (SCI-Expanded)
- XV. **Evolutionary history and species delimitations: a case study of the hazel dormouse, *Muscardinus avellanarius***
Mouton A., Mortelliti A., Grill A., Sara M., Krystufek B., Juskaitis R., Latinne A., Amori G., Randi E., Buechner S., et al.
CONSERVATION GENETICS, vol.18, no.1, pp.181-196, 2017 (SCI-Expanded)
- XVI. **Distribution and conservation of *Acomys cilicicus* (Mammalia: Rodentia) in Turkey**
Cetintas O., MATUR F., SÖZEN M.
TURKISH JOURNAL OF ZOOLOGY, vol.41, no.6, pp.1059-1068, 2017 (SCI-Expanded)

- XVII. **Review of chromosome races in blind mole rats (*Spalax* and *Nannospalax*)**
ARSLAN A., Krystufek B., MATUR F., Zima J.
FOLIA ZOOLOGICA, vol.65, no.4, pp.249-301, 2016 (SCI-Expanded)
- XVIII. **Optimization of ELISA and Immunoblot Methods for the Detection of IgG Antibodies Against Old World Hantaviruses in Wild Rodents**
Polat C., Karatas A., SÖZEN M., MATUR F., Abacioglu H., Oktem M. A.
MIKROBIOLOJİ BÜLTENİ, vol.50, no.2, pp.245-255, 2016 (SCI-Expanded)
- XIX. **Two new cytotypes and additional karyological records for blind mole rats, *Nannospalax xanthodon* and *N. ehrenbergi* (Mammalia, Rodentia) in Turkey**
Sozen M., Colak F., Sevindik M., MATUR F.
FOLIA ZOOLOGICA, vol.64, no.2, pp.167-172, 2015 (SCI-Expanded)
- XX. ***Bartonella* species in wild small mammals in Western Black Sea Region of Turkey**
Celebi B., Karagoz A., Oktem M. A., ÇARHAN A., MATUR F., ÖZKAZANÇ N. K., Babur C., Kilic S., SÖZEN M., Karatas A., et al.
ANKARA UNIVERSİTESİ VETERİNER FAKÜLTESİ DERGİSİ, vol.62, no.3, pp.183-187, 2015 (SCI-Expanded)
- XXI. **Dobrava-Belgrade Virus in *Apodemus flavicollis* and *A. uralensis* Mice, Turkey**
ÖKTEM İ. M. A., Uyar Y., Dincer E., Gozalan A., Schlegel M., Babur C., Celebi B., SÖZEN M., Karatas A., ÖZKAZANÇ N. K., et al.
EMERGING INFECTIOUS DISEASES, vol.20, no.1, pp.121-125, 2014 (SCI-Expanded)
- XXII. **Chromosomal evolution of the genus *Nannospalax* (Palmer 1903) (Rodentia, Muridae) from western Turkey**
MATUR F., Colak F., Ceylan T., Sevindik M., Sozen M.
TURKISH JOURNAL OF ZOOLOGY, vol.37, no.4, pp.470-487, 2013 (SCI-Expanded)
- XXIII. **Cytotypes of *Nannospalax xanthodon* (Satunin, 1898) (Rodentia: Spalacidae) from western Anatolia**
Sozen M., Colak F., Sevindik M., MATUR F.
TURKISH JOURNAL OF ZOOLOGY, vol.37, no.4, pp.462-469, 2013 (SCI-Expanded)
- XXIV. **Phylogeny of species and cytotypes of mole rats (Spalacidae) in Turkey inferred from mitochondrial cytochrome b gene sequences**
KANDEMİR İ., Sozen M., MATUR F., Kankilic T., Martinkova N., Colak F., Ozkurt S. O., ÇOLAK E.
FOLIA ZOOLOGICA, vol.61, no.1, pp.25-33, 2012 (SCI-Expanded)
- XXV. **Karyological characteristics, morphological peculiarities, and a new distribution locality for *Talpa davidiana* (Mammalia: Soricomorpha) in Turkey**
Sozen M., MATUR F., Colak F., Irmak S.
TURKISH JOURNAL OF ZOOLOGY, vol.36, no.6, pp.806-813, 2012 (SCI-Expanded)
- XXVI. **Chromosome Differentiation of Four 2n=50 Chromosomal Forms of Turkish Mole Rat, *Nannospalax nehringi***
MATUR F., Colak F., Sevindik M., Sozen M.
ZOOLOGICAL SCIENCE, vol.28, no.1, pp.61-67, 2011 (SCI-Expanded)
- XXVII. **Distribution of chromosomal forms of *Nannospalax nehringi* (Satunin, 1898) (Rodentia: Spalacidae) in Cankiri and Corum provinces, Turkey**
Sozen M., Catakli K., Eroglu F., MATUR F., Sevindik M.
TURKISH JOURNAL OF ZOOLOGY, vol.35, no.3, pp.367-374, 2011 (SCI-Expanded)
- XXVIII. **On the karyology, morphology and biology of *Chionomys gud* (Satunin, 1909) (Mammalia: Rodentia) in Turkey**
Sozen M., Ozkurt S. O., Karatas A., Colak E., MATUR F.
NORTH-WESTERN JOURNAL OF ZOOLOGY, vol.5, no.1, pp.121-129, 2009 (SCI-Expanded)
- XXIX. **A cytogenetic study on the Taurus Ground Squirrel, *Spermophilus taurensis* Gunduz et al., 2007 (Mammalia: Rodentia), in Turkey**
MATUR F.
ZOOLOGY IN THE MIDDLE EAST, vol.48, pp.103-105, 2009 (SCI-Expanded)
- XXX. **Discrimination of 2n=60 *Spalax leucodon* cytotypes (Spalacidae, Rodentia) in Turkey by means of**

classical and molecular cytogenetic techniques

Ivanitskaya E., Sozen M., Rashkovetsky L., MATUR F., Nevo E.

CYTOGENETIC AND GENOME RESEARCH, vol.122, no.2, pp.139-149, 2008 (SCI-Expanded)

XXXI. Karyotopy of some bat species (Chiroptera : Rhinotophidae, Molossidae) from Turkey

Karatas A., Sozen M., MATUR F.

MAMMALIAN BIOLOGY, vol.71, no.3, pp.159-163, 2006 (SCI-Expanded)

XXXII. Some karyological records and a new chromosomal form for Spalax (Mammalia : Rodentia) in Turkey

Sozen M., MATUR F., Colak E., Ozkurt S., Karatas A.

FOLIA ZOOLOGICA, vol.55, no.3, pp.247-256, 2006 (SCI-Expanded)

Articles Published in Other Journals

- I. **Ljungan Virusun (Parechovirus B) Kemiricilerde Moleküler Yöntemle Araştırılması**
Ergon M. C., Erdin M., Matur F., Sözen M., Polat C., Gönkan T., Öktem İ. M. A.
ANKEM Dergisi, vol.37, no.3, pp.68-73, 2023 (Peer-Reviewed Journal)
- II. **Species delimitation analysis to reveal the origin of Turkish Podarcis siculus siculus (RafinesqueSchmaltz, 1810) populations**
Matur F., Candan K., Ilgaz Ç., Tok C. V., Sözen M., Çoğal M., Yakın B. Y., Yıldırım Caynak E., Kumlutaş Y.
Uluslararası Tarım ve Yaban Hayatı Bilimleri Dergisi, vol.8, no.2, pp.340-348, 2022 (Peer-Reviewed Journal)
- III. **An investigation of Rabies virus existence on rodents by using new PCR primer pairs**
Gönkan T., ÖKTEM İ. M. A., MATUR F.
Communications Faculty of Sciences University of Ankara Series C Biology, vol.31, no.1, pp.39-52, 2022 (Peer-Reviewed Journal)
- IV. **Investigating the relationship between haplotype diversity of Asia minor spiny mouse (Acomys cilicicus) and environmental factors**
Ozdemirel B. K., Cetintas O., SÖZEN M., Cogal M., Colak F., MATUR F.
JOURNAL OF WILDLIFE AND BIODIVERSITY, vol.6, no.3, pp.87-102, 2022 (ESCI)
- V. **Modelling Distribution of Asia Minor Spiny Mouse (Acomys Cilicicus) Using Maximum Entropy**
KAYA ÖZDEMİREL B., ÇETİNTAŞ O., SÖZEN M., Çoğal M., MATUR F.
International Journal of Environment and Geoinformatics, vol.9, no.3, pp.118-125, 2022 (Peer-Reviewed Journal)
- VI. **KARYOTYPE ANALYSIS OF NANNOSPALAX XANTHODON (SPALACIDAE, RODENTIA) AT THE EASTERNMOST PART OF ITS DISTRIBUTION RANGE**
YANCHUKOV A., Kandaurov A., ŞAHİN M. K., MATUR F.
Communications Faculty of Sciences University of Ankara Series C Biology, vol.29, no.1, pp.61-70, 2020 (Peer-Reviewed Journal)
- VII. **Türkiye'nin Orta ve Güney Anadolu İllerindeki Yabani Kemiricilerde Hantavirüs Enfeksiyonlarının Serolojik Olarak Taranması**
POLAT C., MATUR F., SÖZEN M., ÖKTEM İ. M. A.
Türk Mikrobiyol Cem Derg, vol.47, no.1, pp.6-10, 2017 (Peer-Reviewed Journal)
- VIII. **Karyological and Some Morphological Characteristics of Spalax leucodon Nordmann 1840 Mammalia Rodentia Superspecies around Kastamonu Province Turkey**
SÖZEN M., Sevindik M., MATUR F.
Turkish Journal Of Zoology, vol.30, no.0, pp.205-219, 2006 (Scopus)
- IX. **A karyological study on Subterranean Mole Rats of the Spalax leucodon Nordmann 1840 Mammalia Rodentia superspecies around Bilecik province in Turkey**
MATUR F., SÖZEN M.
Zoology in the Middle East, vol.36, no.0, pp.5-10, 2005 (Scopus)

Books & Book Chapters

- I. **Mammalia: Memeliler**
MATUR F., IRMAK S., SÖZEN M.
in: Zonguldak Ekosistemi, Büyükgözel Kemal, Kaplan Ayşe, Alan Şenol, Editor, Bülent Ecevit Üniversitesi Yayınları, Zonguldak, pp.335-344, 2017
- II. **Endotermi: Hayata bir yüksek enerji yaklaşımı**
MATUR F., IRMAK S.
in: Omurgalı Yaşamı, Mustafa Sözen, Editor, Nobel, Ankara, pp.537-558, 2014

Refereed Congress / Symposium Publications in Proceedings

- I. **Haritalama Çalışmalarındaki Popülasyonların ve Markörlerin Zaman İçindeki Trendleri**
Alaca E., Alaca B., Atılgan C., Songur U., Matur F.
3. Çanakkale Tarımı Sempozyumu, Çanakkale, Turkey, 16 - 18 November 2022, pp.1-2
- II. **Küresel Isınmanın Yabani ve Kültüre Alınmış Buğdaygil Türlerinde Neden Olduğu Gen Mutasyonlarının İncelenmesi**
Songur U., Alaca E., Baytekin H., Kahrıman F., Matur F.
3. Çanakkale Tarımı Sempozyumu, Çanakkale, Turkey, 16 - 18 November 2022, pp.1-2
- III. **Ankara Bölgesindeki Kemiricilerde Flebovirüs, Flavivirüs ve Alfavirüs Etkenlerinin Araştırılması**
DEMİRAY GÜRBÜZ E., ERGÜNAY K., POLAT C., IRMAK S., SÖZEN M., MATUR F., Çetintaş O., APPAK Ö., ÖKTEM İ. M. A.
Ulusal Tek Sağlık Kongresi ve Çalıştayı, Ankara, Turkey, 21 - 23 November 2019
- IV. **Kırklareli bölgesindeki kemiricilerde Flebovirüs, Flavivirüs ve Alfavirüs etkenlerinin varlığının ve dağılımının araştırılması**
DEMİRAY GÜRBÜZ E., ERGÜNAY K., POLAT C., IRMAK S., KARATAŞ A., SÖZEN M., MATUR F., ÇOLAK F., ÖZBEK Ö. A., ÖKTEM İ. M. A.
5. Ulusal Klinik Mikrobiyoloji Kongresi, İzmir, Turkey, 28 October - 01 November 2019
- V. **Microsatellite genotypes of seven hybridogenetic unisexual species of rock lizard and their putative bisexual parents (Genus: Darevskia sp.) suggest complex patterns of hybrid ancestry**
Tarkhnishvili D., Yanchukov A., Murtskhvaladze M., Kurdadze S., Barateli N., Gabelaia M., Şahin M. K., Candan K., Kuşlutaş Y., İlgaç Ç., et al.
XX. European Congress of Herpetology, Milan, Italy, 2 - 06 September 2019
- VI. **Molecular phylogeny of Valentin Lizard, Darevskia valentini (Boettger, 1892) reveals new genetic lineages and may suggest taxonomic reconstruction**
CANDAN K., KORNİLİOS P., YANCHUKOV A., KUŞLUTAŞ Y., AYAZ D., TARKHNISHVILI D., MURTSKHVALADZE M., KURDADZE S., BARATELI N., GABELAIA M., et al.
XX. European Congress of Herpetology, Milan, Italy, 2 - 06 September 2019
- VII. **Molecular Phylogeny Of Valentin's Lizard, Darevskia valentini, (Boettger, 1892) Reveals New Genetic Lineages And May Suggest Taxonomic Reconstruction**
CANDAN K., KORNİLİOS P., YANCHUKOV A., KUŞLUTAŞ Y., AYAZ D., TARKHNISHVILI D., MURTSKHVALADZE M., KURDADZE S., BARATELI N., GABELAIA M., et al.
20th European Congress of Herpetology, Milan, Italy, 02 September 2019
- VIII. **Altitudinal effects on innate immune response of Turkish blind mole-rats**
Solak H. M., YANCHUKOV A., ÇOLAK F., MATUR F., SÖZEN M., Ayanoğlu I., Winternitz J.
6. Ecology and Evolutionary Biology Symposium, 7 - 12 July 2019
- IX. **Structure Of Ancestral And Modern Populations In Bisexual And Parthenogenetic Lizards Of Genus Darevskia In East Anatolia And Caucasus**
Erdolu M., ŞAHİN M. K., Barateli N., Murtskhvaladze M., KUŞLUTAŞ Y., ILGAZ Ç., ÇOLAK F., MATUR F., CANDAN K., Tarkhnishvili D., et al.
Ecology and Evolutionary Biology Symposium, Ankara, Turkey, 10 - 12 July 2019

- X. **TOKAT'TA YENİ TAŞIYICI, YENİ ORTHOHANTAVİRUS**
ERDİN M., Polat C., IRMAK S., Çetintaş O., Çoğal M., MATUR F., SÖZEN M., ÖKTEM İ. M. A.
INTERNATIONAL XXXVIII. TURKISH MICROBIOLOGY CONGRESS, 4 - 08 November 2018
- XI. **A NOVEL TULA ORTHOHANTAVIRUS LINEAGE IN TURKEY**
Polat C., ERGÜNAY K., IRMAK S., ERDİN M., Brinckmann A., Çetintaş O., Çoğal M., SÖZEN M., MATUR F., NITSCHKE A., et al.
INTERNATIONAL XXXVIII. TURKISH MICROBIOLOGY CONGRESS, 4 - 08 November 2018
- XII. **TOKAT, ÇORUM VE AMASYA İLLERİNDEKİ KEMİRİCİLERDE BARTONELLA TAYLORİİ, B. ELİZABETHAE VE B. GRAHAMİİ VARLIĞI**
Polat C., Çelebi B., APPAK Ö., ERDİN M., IRMAK S., Çetintaş O., Çoğal M., SÖZEN M., MATUR F., ÖKTEM İ. M. A.
INTERNATIONAL XXXVIII. TURKISH MICROBIOLOGY CONGRESS, Turkey, 4 - 08 November 2018
- XIII. **A molecular survey of Babesia microti in wild rodents in Turkey**
USLUCA S., ÇELEBİ B., KARASARTOVA D., KALAY GÜRESER S., MATUR F., ÖKTEM İ. M. A., SÖZEN M., KARATAŞ A., BABÜR C., TAYLAN ÖZKAN H. A.
XV. International Congress of Acarology, Antalya, Turkey, 2 - 08 September 2018
- XIV. **A new vole record from Anatolia may change evolutionary story of voles in Anatolia**
IRMAK S., SÖZEN M., ÇETİNTAŞ O., ÇOLAK F., MATUR F.
6th International Conference of Rodent Biology and Management 16th Rodens et Spatium, 3 - 07 September 2018
- XV. **A phylogenetic study on Anatolian endemic Dryomys laniger (Mammalia: Rodentia) to determine an in-situ conservation area**
ÇETİNTAŞ O., SÖZEN M., IRMAK S., ÇOLAK F., MATUR F.
6th International Conference of Rodent Biology and Management and 16th Rodens et Spatium, Potsdam, Germany, 3 - 07 September 2018, pp.265
- XVI. **First steps to resolve reticulate speciation process in bisexual and parthenogenetic lizards of genus Darevskia in East Anatolia and Caucasus**
ERDOLU M., BARATELI N., MAURTSKHVALADZE M., ŞAHİN M. K., KUMLUTAŞ Y., ILGAZ Ç., MATUR F., CANDAN K., ÇOLAK F., TARKNISHVILI D., et al.
5th Ecology and Evolutionary Biology Symposium, İzmir, Turkey, 18 - 20 July 2018
- XVII. **Altitudinal effects on evolution of globin gene clusters and host adaptation on Nannospalax xanthodon**
Solak H. M., YANCHUKOV A., Winternitz J., ÇOLAK F., MATUR F.
5th Ecology and Evolutionary Biology Symposium, 18 - 20 July 2018
- XVIII. **Prediction of Bone Mineral Density in Menopausal Women by Using Bioimpedance Parameters**
MATUR F., Ozturk N., Ulgen Y.
Joint Conference of the European Medical and Biological Engineering Conference (EMBEC) / Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, 01 June 2017, vol.65, pp.807-810
- XIX. **Bartonella taylorii existence in Apodemus mice in Thrace Region of Turkey**
POLAT C., ÇELEBİ B., KARATAŞ A., IRMAK S., ÇOLAK F., MATUR F., SÖZEN M., ÖKTEM İ. M. A.
10th Balkan Congress of Microbiology, Microbiologia Balkanica '2017, Moskva, Russia, 18 - 20 November 2017
- XX. **The first detection of Leishmaniasis in Turkish wild small rodents: Molecular detection of Leishmania infantum and Leishmania major in Turkish wild rodents.**
KARAKUŞ M., ÖKTEM İ. M. A., SÖZEN M., MATUR F., ÇOLAK F., ÖZBEL Y., TÖZ S.
10th Balkan Congress of Microbiology, Microbiologia Balkanica '2017, Moskva, Russia, 16 - 18 November 2017
- XXI. **New Hantavirus Positivity In Different Microtus and Crocidura Species From Turkey**
ÖKTEM İ. M. A., POLAT C., MATUR F., IRMAK S., ÇETİNTAŞ O., ÇOĞAL M., SÖZEN M.
8th European Meeting on Viral Zoonoses, St Raphael, France, 22 - 25 October 2017
- XXII. **Investigation of hantavirus existence in Mediterranean and Central Anatolia regions of Turkey**
SÖZEN M., MATUR F., ÖZKUL A., ÖKTEM İ. M. A.
8th European Meeting on Viral Zoonoses, St Raphael, France, 22 - 25 October 2017
- XXIII. **Investigating of Hantavirus existence in Mediterranean and Central Regions of Turkey**

- POLAT C., SÖZEN M., MATUR F., ÇETİNTAŞ O., MUHSİN Ç., ÖKTEM İ. M. A.
8th European Meeting on Viral Zoonoses, St Raphaël, France, 22 - 25 October 2017
- XXIV. **New Hantaviruses positivity in different *Microtus* and *Crocidura* species from Turkey**
ÖKTEM İ. M. A., POLAT C., MATUR F., IRMAK S., ÇETİNTAŞ O., ÇOĞAL M., SÖZEN M.
8th European Meeting on Viral Zoonoses, St Raphaël, France, 22 - 25 October 2017
- XXV. **MOLECULAR DETECTION OF LEISHMANIA INFANTUM AND LEISHMANIA MAJOR IN TURKISH WILD RODENTS**
KARAKUŞ M., ÖKTEM İ. M. A., SÖZEN M., MATUR F., ÖZBEL Y., TÖZ S.
WorldLeish 6, 16 - 20 May 2017
- XXVI. **Trakya bölgesi kemiricilerinde *Bartonella* spp Varlığının arastırılması**
Polat C., Çelebi B., KARATAŞ A., IRMAK S., ÇOLAK F., MATUR F., SÖZEN M., ÖKTEM İ. M. A.
37. Türk Mikrobiyoloji Kongresi, Antalya, Turkey, 16 - 20 November 2016, pp.395
- XXVII. **Investigation of seismic communication characteristics of Turkish *nannospalax* Mammalia Rodentia**
ÇOLAK F., MATUR F.
Graduate Meeting 2015, Viyana, Austria, 17 - 19 September 2015, pp.11
- XXVIII. **EVOLUTION OF HANTAVIRUS FROM RODENTS IN KIRKLARELI IGNEADA REGION TURKEY**
Ceylan P., Tarja S., Plyusnina A., KARATAŞ A., SÖZEN M., MATUR F., Vapalahti O., ÖKTEM İ. M. A., Plyusnin A.
26th Sigrid Jusélius International Symposium: Emerging Infections, Finland, 7 - 10 June 2015
- XXIX. **May dispersal of *Acomys cilicicus* give clues about human activities in the Mediterranean Basin in the Lower Paleolithic?**
MATUR F., Çetintaş O., SÖZEN M.
14th Rodens et spatium, 28 July - 02 August 2014
- XXX. **Detection of suitable habitat to take conservation precautions for *Acomys cilicicus***
Özdemirel B., Çetintaş O., Çoğal M., MATUR F., SÖZEN M.
14th Rodens et spatium, 28 July - 02 August 2014
- XXXI. **Characteristic of seismic signals of Turkish mole rats**
ÇOLAK F., MATUR F.
14th Rodens et spatium, 28 July - 02 August 2014
- XXXII. **Distribution area of Turkish Spiny Mouse *Acomys cilicicus***
Çetintaş O., MATUR F., SÖZEN M.
14th Rodens et spatium, 28 July - 02 August 2014
- XXXIII. **Phylogenetic studies revealed a complex evolution pattern of Turkish mole rats**
MATUR F., Dabrowski M., JJ P., Sevindik M., B B., ÇOLAK F., SÖZEN M.
14th Rodens et spatium, 28 July - 02 August 2014
- XXXIV. **A taxonomic review of mole rats of the *Nannospalax* (Rodentia: Spalacidae) cytotypes from Western Anatolia with description of three new species**
SÖZEN M., MATUR F., ÇOLAK F., Sevindik M.
13th International Conference on Rodent Biology Rodens et Spatium, Finland, 16 - 20 July 2012
- XXXV. **Geometric morphometry of three different bones (mandible, scapula and humerus) of *Nannospalax xanthodon* (Mammalia: Rodentia) in Turkey**
SÖZEN M., DOĞAN SARIKAYA A., MATUR F., ÇOLAK F., Sevindik M.
13th International Conference on Rodent Biology Rodens et Spatium, 16 - 20 July 2012
- XXXVI. **The congruence of phylogeny and genetic structure in Turkish mole rats**
MATUR F., SÖZEN M., H P., Zima J. J., ÇOLAK F., Sevindik M., Zima J.
13th International Conference on Rodent Biology Rodens et Spatium, 16 - 20 July 2012
- XXXVII. **Determination of seismic signal characteristics for *Nannospalax xanthodon* from one locality**
ÇOLAK F., MATUR F.
13th International Conference on Rodent Biology Rodens et Spatium, Finland, 16 - 20 July 2012
- XXXVIII. ***Nannospalax* surface activity under snow blanket**
ÇOLAK F., MATUR F.
13th International Conference on Rodent Biology Rodens et Spatium, Finland, 16 - 20 July 2012

- XXXIX. **Continental island- The biogeography of the East African forest-welling mountain rodent *Praomys delectorum***
Bryja J., Patzenhaureova H., Mikula O., MATUR F., WN C., Verheyen E., Sumbera R.
1th European Congress of Mammalogy, 19 - 23 July 2011
- XL. **he islands on mainland - the biogeography of the highlands forest rodent *Praomys delectorum***
Patzenhauerov H., MATUR F., Sumbera R., Bryja J.
Zoological days, 17 - 18 February 2011
- XLI. **Geometric morphometry of three chromosomal forms (2n=52, 2n=56 and 2n=60) of *Nannospalax nehringi* (Mammalia: Rodentia) in Turke**
DOĞAN SARIKAYA A., KANDEMİR İ., SÖZEN M., MATUR F.
1th International Conference on Rodent Biology Rodens et Spatium, Russia, 24 July - 28 August 2008
- XLII. **Comparation of baculum morphology of three chromosomal forms (2n=52, 2n=58 and 2n=60) of *Nannospalax nehringi* (Mammalia: Rodentia) in Turkey**
ÇOLAK F., MATUR F., SÖZEN M.
1th International Conference on Rodent Biology Rodens et Spatium, Russia, 24 July - 28 August 2008
- XLIII. **Distribution of chromosomal forms of blind mole rats of the genus *Nannospalax* (Mammalia: Rodentia) in Turkey**
SÖZEN M., MATUR F., ÇOLAK F., Sevindik M.
11th International Conference on Rodent Biology Rodens et Spatium, Russia, 24 - 28 July 2008
- XLIV. **Cytogenetic comparation of three 2n = 50 chromosomal forms of *Nannospalax nehringi* (Mammalia: Rodentia) by G and C banding in Turkey**
MATUR F., ÇOLAK F., SÖZEN M.
1th International Conference on Rodent Biology Rodens et Spatium, Russia, 24 - 28 July 2008

Supported Projects

Matur F., TÜBİTAK - AB COST Project, Medicinal plants for animal health care: Translating tradition into modern veterinary medicine , 2023 - 2027

Matur F., TÜBİTAK - AB COST Project, Exploiting Plant-Microbiome molecular crosstalks: diversity, distribution and eco-evolutionary perspectives, 2023 - 2027

Matur F., Yanchukov A., TUBİTAK Project, Kör Farelerin (*Spalax* ve *Nannospalax*) Tüm Yayılış Alanında Tüm Genom Kapsamında Türleşmelerinin ve Adaptif Yayılışının Filogenetik Tarihi, 2020 - 2023

Matur F., Öktem İ. M. A., Sözen M., TUBİTAK Project, Türkiye'nin Doğusundaki Bazı İllerde (Ardahan, Bitlis, Bingöl, Elazığ, Erzincan, Erzurum, Iğdır, Kars, Malatya, Muş, Sivas, Tunceli, Van) Yaşayan *Apodemus* Spp, *Microtus* Spp, *Chionomys* Spp, *Mus* Spp, *Cricidura* Spp, *Cricetulus Migratorius*, Türlerinde Hantavirüs Varlığının ve Dağılımının Araştırılması, 2018 - 2021

Matur F., Yanchukov A., TÜBİTAK International Bilateral Joint Cooperation Program Project, Doğu Anadolu Ve Kafkaslardaki Biseksüel Ve Partenogenetik *Darevskia* Genusundaki Kertenkelelerin Ağsı Türleşme Sürecinin Çözümlemesi, 2018 - 2020

Matur F., Yanchukov A., Çolak F., TUBİTAK Project, Türkiye Körfarelerinin (*Nannospalax* Sp.) Hipoksiyadan Sorumlu Genlerdeki Yükseklik Varyasyonları, 2018 - 2020

Matur F., İlgez Ç., Kumlutaş Y., Candan K., Project Supported by Higher Education Institutions, Türkiye *Podarcis siculus*larının filogenisi ve genetik çeşitliliğinin araştırılması, 2017 - 2020

Matur F., Öktem İ. M. A., Sözen M., TUBİTAK Project, Türkiye'nin Akdeniz (Antalya, Mersin, Adana, Osmaniye ve Hatay) ve İç Anadolu Bölgelerindeki (Konya, Aksaray, Niğde, Karaman) Bazı illerde Yaşayan *Apodemus* spp, *Microtus* spp, *Rattus* spp. ve *Talpa davidiana* Türlerinde Hantavirüs Varlığının ve Dağılımının Araştırılması, 2015 - 2018

Matur F., Sözen M., TUBİTAK Project, Anadolu endemik memelilerinin yayılış alanlarının ve genetik çeşitliliklerinin belirlenmesi, öncelikli koruma alanlarının önerilmesi, 2013 - 2018

MATUR F., Project Supported by Higher Education Institutions, Türkiye *Nannospalax* Mammalia Rodentia Sitotiplerinde İskelet Morfolojisinin Geometrik Morfometrik Analizi, 2012 - 2015

MATUR F., Project Supported by Higher Education Institutions, Türkiye Nannospalax larının sismik iletişim özelliklerinin incelenmesi Bülent Ecevit Üniversitesi BAP projesi Proje No 2012 10 06 01 2012, 2012 - 2014

Matur F., Öktem İ. M. A., TUBİTAK Project, Zonguldak İli nde Yayılış Gösteren Apodemus Sp ve Myodes Glareolus Mammalia Rodentia Türlerinde Kuduz Lyssavirus Taranması TÜBİTAK Hızlı destek 1002 Projesi TBAG Proje No 112T070 2012, 2012 - 2013

MATUR F., Project Supported by Higher Education Institutions, Zonguldak İli nde Yayılış Gösteren Apodemus ve Myodes Mammalia Rodentia Türlerinin Populasyon Yapısı ve Bu Türlerin Taşıdıkları Kuduz Lyssavirus un Belirlenmesi Bülent Ecevit Üniversitesi BAP Projesi Proje No 2012 10 06 02 2012, 2012 - 2013

Matur F., Sözen M., Project Supported by Higher Education Institutions, Türkiye Nannospalax larının skapula humerus ve mandibullarının şekil analizleri, 2008 - 2009

Matur F., Sözen M., TUBİTAK Project, Batı Anadolu Nannospalax larının kromozom formların tespiti, 2006 - 2007

Matur F., Sözen M., Project Supported by Higher Education Institutions, Batı Anadolu Nannospalaxlarının G ve C bantlaması ile karşılaştırılması, 2006 - 2007

Matur F., Sözen M., Project Supported by Higher Education Institutions, Cankırı İli Spalax Güldenstaedt 1770 Mammalia Rodentia Populasyonlarının Karyolojik ve Morfolojik Özellikleri Zonguldak Karaelmas Üniversitesi BAP Projesi Proje No 2004 13 06 06 2004, 2004 - 2005

Matur F., Sözen M., TUBİTAK Project, Karabük Bolu ve Ankara Bölgesi Spalax Güldenstaedt 1770 Mammalia Rodentia Populasyonlarının Karyolojik ve Morfolojik Özellikleri TÜBİTAK Projesi TBAG 2073 1001 projesi Proje no 101T08 2002, 2002 - 2005

Activities in Scientific Journals

FRONTIERS IN CELL AND DEVELOPMENTAL BIOLOGY, Committee Member, 2023 - Continues

FRONTIERS IN ECOLOGY AND EVOLUTION, Special Issue Editor, 2022 - 2023

Memberships / Tasks in Scientific Organizations

BİDEB, Member of Advisory Board, 2021 - 2022, Turkey

BİDEB, Member of Advisory Board, 2020 - 2021, Turkey

Scientific Refereeing

MAMMALIAN BIOLOGY, SCI Journal, May 2022

ZOOLOGISCHER ANZEIGER A JOURNAL OF COMPARATIVE ZOOLOGY, Journal Indexed in SCI-E, November 2021

TURKISH JOURNAL OF ZOOLOGY, Journal Indexed in SCI-E, January 2021

MITOCHONDRIAL DNA. PART B. RESOURCES, Journal Indexed in SCI-E, February 2020

TURKISH JOURNAL OF ZOOLOGY, Journal Indexed in SCI-E, December 2019

MAMMALIAN BIOLOGY, SCI Journal, November 2019

TURKISH JOURNAL OF ZOOLOGY, Journal Indexed in SCI-E, September 2019

CARYOLOGIA, Journal Indexed in SCI-E, February 2019

Artvin Çoruh Üniversitesi Orman Fakültesi Dergisi, Other Indexed Journal, July 2016

BIOCHEMICAL SYSTEMATICS AND ECOLOGY, Journal Indexed in SCI-E, February 2016

TURKISH JOURNAL OF ZOOLOGY, Journal Indexed in SCI-E, September 2015

TURKISH JOURNAL OF ZOOLOGY, Journal Indexed in SCI-E, September 2015

TURKISH JOURNAL OF ZOOLOGY, Journal Indexed in SCI-E, August 2015

TURKISH JOURNAL OF ZOOLOGY, Journal Indexed in SCI-E, April 2014

Mammalia, Other Indexed Journal, May 2013

TURKISH JOURNAL OF ZOOLOGY, Journal Indexed in SCI-E, May 2013

ZOOLOGICAL JOURNAL OF THE LINNEAN SOCIETY, Journal Indexed in SCI-E, August 2012
HYSTRIX, Journal Indexed in SCI-E, May 2012
TURKISH JOURNAL OF ZOOLOGY, Journal Indexed in SCI-E, July 2011
TURKISH JOURNAL OF ZOOLOGY, Journal Indexed in SCI-E, May 2011

Mobility Activity

Other, Scientific Research, Dokuz Eylul University, Turkey, 2024 - 2024
Other, Other, Munzur University, Turkey, 2024 - 2024
Other, Scientific Research, Bağımsız arazi çalışması , Turkey, 2024 - 2024
Other, Workshop, Dünya Sağlık Örgütü, Turkey, 2023 - 2023
Other, Other, Ankara University, Turkey, 2023 - 2023
Other, Other, Çek Bilimler Akademisi, Czech Republic, 2023 - 2023
Post Doc, Post Doc, Dokuz Eylul University, Turkey, 2023 - 2023
Other, Other, Dokuz Eylul University, Turkey, 2023 - 2023
Other, Other, Zonguldak Bülent Ecevit University, Turkey, 2023 - 2023
Other, Other, Ankara University, Turkey, 2023 - 2023
Other, Workshop, Ankara University, Turkey, 2023 - 2023
Other, Research During Graduate Education, Bursa Hayvana Bahçesi, Turkey, 2023 - 2023
Other, Other, Manisa Celal Bayar University, Turkey, 2023 - 2023
Other, Scientific Research, Zonguldak Bülent Ecevit University, Turkey, 2022 - 2022
Improving Competencies and Qualifications, Scientific Research, Acibadem Mehmet Ali Aydınlar University, Turkey, 2022 - 2022
Other, Other, Zonguldak Bülent Ecevit University, Turkey, 2022 - 2022

Metrics

Publication: 87
Citation (WoS): 329
Citation (Scopus): 106
H-Index (WoS): 10
H-Index (Scopus): 6

Congress and Symposium Activities

PROVAZ: Speciation workshop, Invited Speaker, Cheske-Budejovice, Czech Republic, 2013
EMBL Advanced Course: "Next Generation Sequencing Data Analysis, Attendee, Heidelberg, Germany, 2013
Institut für vergleichende Tropenmedizin und Parasitologie Ludwig Maximilians Universität, Attendee, Munich, Germany, 2010

Scholarships

BOF Special Funding , Official Institutions of Foreign Countries, 2012 - 2012
Türkiye Körfarelerinin moleküler varyasyonları ve moleküler ekolojisi ve Praomys delectorum'un populasyon yapısı ve biyocoğrafyası üzerine, YOK, 2010 - 2011

Non Academic Experience

Zonguldak Karaelmas Üniversitesi

Gent University

Zonguldak Karaelmas Üniversitesi