

# Asst. Prof. ENGİN BERBER



## Personal Information

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## International Researcher IDs

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Publons / Web Of Science ResearcherID: AAG-9297-2019

ScopusID: 35739631500

Yoksis Researcher ID: 205417

## Education Information

2019 - Continues	Post Doctorate, University of Tennessee, Knoxville, Veterinary Medical Center , Biomedical and Diagnostic Sciences Department, United States Of America
2014 - 2017	Post Doctorate, Erciyes University, -----, --, Turkey
2009 - 2014	Doctorate, Firat University, Faculty Of Health Sciences, Viroloji, Turkey
2003 - 2008	Undergraduate, Firat University, Faculty Of Veterinary Medicine, Turkey

## Foreign Languages

English, C2 Mastery

## Certificates, Courses and Trainings

2019	44TH ANNUAL INTERNATIONAL HERPESVIRUS WORKSHOP, Vocational Training, NIDCD/NIH
2019	Occupational Health and Animal Biosafety, Occupational Health and Safety, University of Tennessee, Knoxville
2019	Working with An Institutional Animal Care and Use Committee (IACUC), Vocational Training, University of Tennessee, Knoxville
2017	Introduction to Molecular Phylogenetics, Vocational Course, Erciyes University Vectors and Vector-Borne Diseases Implementation and Research Center
2013	Biyogüvenlik Seviye 3 (BSL3), Hayvan Biyogüvenlik Seviye 3 Laboratuvarı (ABSL3) ve Biyogüvenlik Seviye 2 (BSL2) laboratuvar Akreditasyon Eğitimi, Education Management and Planning, Technischer Überwachungsverein (TÜV) SÜD
2011	Certificate of Biosecurity Level 3 (BSL-3) Laboratory Training, Occupational Health and Safety, HTL Techno
2010	DENEY HAYVANLARI KULLANIM SERTİFİKASI EĞİTİM KURSU , Vocational Training, Fırat Üniversitesi Hayvan Deneyleri Yerel Etik Kurulu (FÜHADEK)

## Dissertations

2014	Development of Protective Vaccine Against Crimean-Congo Hemorrhagic Fever Infection, Fırat University, Faculty Of Health Sciences, Viroloji, Doctorate
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## **Research Areas**

Health Sciences, Veterinary Sciences, Pre-Clinical Sciences, Veterinary Virology

## **Academic Titles / Tasks**

2018 - 2021	Assistant Professor, Erciyes University, Veteriner Fakültesi, Klinik Öncesi Bilimler
2014 - 2018	Assistant Professor, Erciyes University, Veteriner Fakültesi, Klinik Öncesi Bilimler

## **Jury Memberships**

September 2018	Doctorate, Doctorate, Fırat Üniversitesi
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## **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. Development of a protective inactivated vaccine against Crimean-Congo hemorrhagic fever infection  
Berber E., Çanakoğlu N., Tonbak Ş., Ozdarendeli A.  
HELIYON, vol.7, no.10, 2022 (SCI-Expanded)
- II. The Seroprevalence of Crimean-Congo Hemorrhagic Fever in Wild and Domestic Animals: An Epidemiological Update for Domestic Animals and First Seroevidence in Wild Animals from Turkiye  
Nurettin C., Engin B., Sukru T., Munir A., Zati V., Aykut O.  
VETERINARY SCIENCES, vol.9, no.9, 2022 (SCI-Expanded)
- III. Controlling Herpes Simplex Virus-Induced Immunoinflammatory Lesions Using Metabolic Therapy: a Comparison of 2-Deoxy-D-Glucose with Metformin  
Berber E., Rouse B. T.  
Journal of Virology, vol.96, no.14, 2022 (SCI-Expanded)
- IV. Controlling the Burden of COVID-19 by Manipulating Host Metabolism  
Miller L., Berber E., Sumbria D., Rouse B. T.  
Viral Immunology, vol.35, no.1, pp.24-32, 2022 (SCI-Expanded)
- V. Modulating glutamine metabolism to control viral immuno-inflammatory lesions  
Sumbria D., Berber E., Miller L., Rouse B. T.  
CELLULAR IMMUNOLOGY, vol.370, 2021 (SCI-Expanded)
- VI. Inhibiting Glucose Metabolism Results in Herpes Simplex Encephalitis  
Berber E., Sumbria D., Newkirk K. M., Rouse B. T.  
JOURNAL OF IMMUNOLOGY, vol.207, no.7, pp.1824-1835, 2021 (SCI-Expanded)
- VII. Meta-analysis and comprehensive study of coronavirus outbreaks: SARS, MERS and COVID-19  
BERBER E., Sumbria D., Çanakoğlu N.  
Journal of Infection and Public Health, vol.14, no.8, pp.1051-1064, 2021 (SCI-Expanded)
- VIII. Newly identified Cryptosporidium parvum virus-1 from newborn calf diarrhoea in Turkey  
BERBER E., ŞİMŞEK E., Canakoglu N., Sursal N., GENÇAY GÖKSU A.  
TRANSBOUNDARY AND EMERGING DISEASES, vol.68, no.4, pp.2571-2580, 2021 (SCI-Expanded)
- IX. Seasonal and Age-Associated Pathogen Distribution in Newborn Calves with Diarrhea Admitted to ICU  
Berber E., Canakoglu N., SÖZDUTMAZ İ., ŞİMŞEK E., Sursal N., EKİNCİ G., Kokkaya S., Arıkan E., Ambarcioglu P., Goksu A. G., et al.  
VETERINARY SCIENCES, vol.8, no.7, 2021 (SCI-Expanded)
- X. Could targeting immunometabolism be a way to control the burden of COVID-19 infection?  
Berber E., Sumbria D., Rouse B. T.  
Microbes and infection, vol.23, 2021 (SCI-Expanded)
- XI. Supplementing the diet with sodium propionate suppresses the severity of viral immuno-

- inflammatory lesions.**  
Sumbria D., Berber E., Rouse B. T.  
Journal of virology, vol.95, 2021 (SCI-Expanded)
- XII. Virus Infections and Host Metabolism-Can We Manage the Interactions?**  
Sumbria D., Berber E., Mathayan M., Rouse B. T.  
FRONTIERS IN IMMUNOLOGY, vol.11, 2021 (SCI-Expanded)
- XIII. Factors Affecting the Tissue Damaging Consequences of Viral Infections**  
Sumbria D., Berber E., Rouse B. T.  
FRONTIERS IN MICROBIOLOGY, vol.10, 2019 (SCI-Expanded)
- XIV. Detection of exogenous Jaagsiekte sheep retrovirus in Turkey**  
Can-Sahna K., Eroksuz Y., Berber E., Sozdutmaz I.  
INDIAN JOURNAL OF ANIMAL RESEARCH, vol.49, no.4, pp.498-502, 2015 (SCI-Expanded)
- XV. Immunization of Knock-Out alpha/beta Interferon Receptor Mice against High Lethal Dose of Crimean-Congo Hemorrhagic Fever Virus with a Cell Culture Based Vaccine**  
ÇANAKOĞLU N., Berber E., Tonbak S., ERTEK M., SÖZDUTMAZ I., Aktas M., KALKAN A., ÖZDARENDELİ A.  
PLOS NEGLECTED TROPICAL DISEASES, vol.9, no.3, 2015 (SCI-Expanded)
- XVI. A Large-Scale Outbreak of Bovine Ephemeral Fever in Turkey, 2012**  
TONBAK Ş., BERBER E., YORUK M. D., AZKUR A. K., PESTİL Z., BULUT H.  
JOURNAL OF VETERINARY MEDICAL SCIENCE, vol.75, no.11, pp.1511-1514, 2013 (SCI-Expanded)
- XVII. Application of the pseudo-plaque assay for detection and titration of Crimean-Congo hemorrhagic fever virus**  
Berber E., Canakoglu N., Yoruk M. D., Tonbak S., Aktas M., ERTEK M., Bolat Y., KALKAN A., ÖZDARENDELİ A.  
JOURNAL OF VIROLOGICAL METHODS, vol.187, no.1, pp.26-31, 2013 (SCI-Expanded)
- XVIII. Pseudo-plaque reduction neutralization test (PPRNT) for the measurement of neutralizing antibodies to Crimean-Congo hemorrhagic fever virus**  
Canakoglu N., Berber E., ERTEK M., Yoruk M. D., Tonbak S., Bolat Y., Aktas M., KALKAN A., Ozdarendeli A.  
VIROLOGY JOURNAL, vol.10, 2013 (SCI-Expanded)
- XIX. The complete genome analysis of Crimean-Congo hemorrhagic fever virus isolated in Turkey**  
Ozdarendeli A., Canakoglu N., Berber E., Aydin K., Tonbak S., ERTEK M., BUZGAN T., Bolat Y., Aktas M., Kalkan A.  
VIRUS RESEARCH, vol.147, no.2, pp.288-293, 2010 (SCI-Expanded)

## Articles Published in Other Journals

- I. **In Vitro Antiviral Potential of *Cucurbitaceae Ecballium elaterium* and Its Extract Containing Protease Inhibitors against Bovine Rotavirus**  
Aksoy E., GÜLER N., SÖZDUTMAZ İ., Kokkaya S., BERBER E., GENÇAY GÖKSU A.  
MICROBIOLOGY RESEARCH, vol.14, no.4, pp.2079-2089, 2023 (ESCI)
- II. **A metabolic blueprint of COVID-19 and long-term vaccine efficacy**  
Berber E., Sumbria D., KÖKKAYA S.  
Drug Metabolism and Personalized Therapy, vol.38, no.1, pp.15-29, 2023 (Scopus)
- III. **Comprehensive Appraisal of COVID-19 Infection and Interaction with Domesticated and Wild Faunae**  
Berber E., Sumbria D., Das Singla L., Çanakoğlu N.  
Comprehensive Appraisal of COVID-19 Infection and Interaction with Domesticated and Wild Faunae, vol.16, no.2, pp.1-6, 2020 (Peer-Reviewed Journal)
- IV. **Türkiye nin Bazı Bölgelerinde 2008 Yılında Görülen Bovine Ephemeral Fever Virüs Enfeksiyonlarının Polimeraz Zincir Reaksiyonuyla Belirlenmesi**  
TONBAK Ş., BERBER E., ÇABALAR M.  
Fırat Üniversitesi Sağlık Bilimleri Veteriner Dergisi, vol.27, pp.35-37, 2013 (Peer-Reviewed Journal)
- V. **Elazığ Malatya ve Tunceli İllerinde Koyunlarda Görülen Abort Vakalarında Pestivirusların Rolünün Araştırılması**

## Books & Book Chapters

- I. **Temel Viroloji ve Viral Hastalıklar**  
TİMURKAN M. Ö., BERBER E., ÇANAKOĞLU N., AYDIN H., KARAPINAR Z., AVCI O., SÖZDUTMAZ İ., COŞKUN N., ÖZAN E.  
Atatürk Üniversitesi Açıköğretim Fakültesi Yayıncı, Erzurum, 2020
- II. **TEMEL VİROLOJİ VE VİRAL HASTALIKLAR**  
Berber E.  
in: VİRUSLARIN GENEL ÖZELLİKLERİ VE KARAKTERLERİ, Doç. Dr. MEHMET ÖZKAN TİMURKAN, Editor, Atatürk Üniversitesi Açıköğretim Fakültesi, Erzurum, pp.1-20, 2019

## Refereed Congress / Symposium Publications in Proceedings

- I. **Controlling the HSV-1 infection by metabolic manipulation**  
Berber E., Rouse B. T., Miller L.  
RESEARCH DAY, Tennessee, United States Of America, 20 September 2021, pp.6
- II. **The Encephalitic Consequence of Metabolic Inhibition during HSV-1 Infection**  
Berber E., Sumbria D., Miller L., Rouse B. T.  
45th Annual International Herpesvirus Workshop, Tennessee, United States Of America, 2 - 06 August 2021, pp.76
- III. **Metformin Confer Protection by Enhancing CD8 T Cell Response in Ocular HSV-1 Infected Mice and Decrease Herpetic Encephalitis**  
Berber E., Sumbria D., Rouse B. T.  
21st Annual Meeting of the Federation of Clinical Immunology Societies (FOCIS 2021), Tennessee, United States Of America, 8 - 11 June 2021, pp.22
- IV. **Metabolic inhibition results in herpetic encephalitis**  
Berber E., Sumbria D., Rouse B. T.  
METABOLISM, IMMUNITY, & INFLAMMATION OF THE MID-SOUTH, Tennessee, United States Of America, 16 April - 16 July 2021, pp.18
- V. **Viral Induced Ocular Immunopathological Lesions Can Be Diminish by Blocking Amino Acid Metabolism during HSV-1 Infection**  
Sumbria D., Berber E., Rouse B. T.  
International Congress on Biological and Health Sciences (ICBH), Afyonkarahisar, Turkey, 26 February - 28 July 2021, pp.67
- VI. **Development of an Inactivated Vero Cell-Derived Vaccine against Crimean-Congo Hemorrhagic Fever Virus**  
Berber E., Ozdarendeli A.  
International Congress on Biological and Health Sciences (ICBH), Afyonkarahisar, Turkey, 26 - 28 February 2021, pp.66
- VII. **Therapeutic manipulation of glutamine metabolism reduce HSV-1 induced pathological lesions**  
Sumbria D., Berber E., Rouse B. T.  
Integrating Metabolism and Immunity, Tennessee, United States Of America, 25 - 28 January 2021
- VIII. **Detrimental and beneficial consequences of metabolic manipulations in the herpes simplex encephalitis (HSE) and blood brain barrier (BBB) integrity**  
Berber E., Sumbria D., Rouse B. T.  
Integrating Metabolism and Immunity, Tennessee, United States Of America, 25 - 28 January 2021
- IX. **Glucose utilization is indispensable for controlling herpes simplex encephalitis (HSE) and integrity**

- of blood brain barrier (BBB)**  
Berber E., Sumbria D., Rouse B. T.  
The Kentucky/Tennessee branch of the American Society for Microbiology, Tennessee, United States Of America, 4 - 05 December 2020, pp.11-12
- X. **Using diet manipulation to control viral (Herpes simplex virus-1) immuno-inflammatory lesions**  
Sumbria D., Berber E., Rouse B. T.  
The Kentucky/Tennessee branch of the American Society for Microbiology, Tennessee, United States Of America, 4 - 05 December 2020, pp.10
- XI. **Development of Antigen ELISA for Detecting Crimean-Congo Hemorrhagic Fever Virus from Tick Samples**  
Çanakoğlu N., Berber E.  
14. Ulusal Veteriner Mikrobiyoloji Kongresi, Uluslararası katılımlı, Konya, Turkey, 13 - 16 October 2020, pp.65-66
- XII. **The role of glucose metabolism on HSV-1 pathogenesis and regulation of blood-brain barrier (BBB) permeability**  
Berber E., Sumbria D., Rouse B. T.  
University of Tennessee College of Veterinary Medicine RESEARCH DAY, Tennessee, United States Of America, 21 September 2020, pp.9
- XIII. **Supplementing the diet with Sodium Propionate suppresses the severity of viral immuno-inflammatory lesions**  
Sumbria D., Berber E., Rouse B. T.  
University of Tennessee College of Veterinary Medicine RESEARCH DAY, Tennessee, United States Of America, 21 September 2020, pp.9
- XIV. **Molecular Characterization of Newly Identified CsPV1 in Turkey: A First Report**  
BERBER E., ŞİMŞEK E., GENÇAY GÖKSU A.  
2nd International Congress of Veterinary Microbiology Congress, Antalya, Turkey, 16 - 19 October 2018
- XV. **Development of Antigen Elisa to Detect of Cryptosporidium parvum From Fecal Samples**  
ŞİMŞEK E., ÇANAKOĞLU N., BERBER E., SÖZDUTMAZ İ.  
3rd International Congress on Advances in Veterinary Science and Technics (ICAVST), Belgrade, Serbia And Montenegro, 5 - 09 September 2018, pp.6
- XVI. **First Seroepidemiological Evidence of CCHFV in Wild Boars in Endemic regions of Turkey: A Retrospective Study**  
SÖZDUTMAZ İ., ÇANAKOĞLU N., BERBER E.  
3rd International Congress on Advances in Veterinary Sciences Technics( ICAVST), Belgrade, Serbia And Montenegro, 5 - 09 September 2018
- XVII. **Comparison of Different Purification and Isolation Methods for Cryptosporidium Oocysts from Fecal Samples**  
ŞİMŞEK E., BERBER E.  
ECOLOGY 2018 INTERNATIONAL SYMPOSIUM, Kastamonu, Turkey, 19 - 23 June 2018, pp.511
- XVIII. **Investigation of IFN Response to the Inactivated Vaccine Developed against Crimean Congo Hemorrhagic Fever Virus**  
BERBER E., SÖZDUTMAZ İ., ÇANAKOĞLU N., ÇALIŞKAN M., ÖZDARENDELİ A.  
9th Vaccine & ISV Annual Global Congress, 18 - 20 October 2015
- XIX. **Investigation of IFN gama Response to the Inactivated Vaccine Developed against Crimean Congo Hemorrhagic Fever Virus**  
BERBER E., SÖZDUTMAZ İ., ÇANAKOĞLU N., çalışan m., ÖZDARENDELİ A.  
9th Vaccine and ISV Congress, 18 - 20 October 2015
- XX. **Determination of the Vaccine Induced Immunodominant Regions of Nucleoprotein Crimean CongoHemorrhagic Fever Virus**  
BERBER E., ÇANAKOĞLU N., SÖZDUTMAZ İ., ÇALIŞKAN M., PAVEL S. T. I., YETİŞKİN H., ÖZDARENDELİ A.  
ICVID 2015: International Conference on Virology and Infectious Diseases, Londrina, United Kingdom, 25 - 26 September 2015, vol.2, pp.975

- XXI. **The characterization of nucleoprotein and glycoprotein genes of bovine ephemeral fever virus isolated from two different outbreaks in Turkey**  
 TONBAK Ş., BERBER E., AZKUR A. K., PESTIL Z., ATIL E., BULUT H.  
 10 th International Congress of Veterinary Virology of ESVV, Montpellier, France, 31 August - 03 September 2015
- XXII. **A Purified Inactivated Crimean-Congo Hemorrhagic Fever Virus Vaccine Derived from Vero Cells**  
 ÖZDARENDELİ A., BERBER E., Çanakoğlu N., ERTEK M., Tonbak Ş., Sözdutmaz İ., AKTAS M., KALKAN A.  
 7th Vaccine&ISV Congress, Barcelona, Spain, 27 - 29 October 2013, pp.92
- XXIII. **Crimean-Congo Hemorrhagic Fever Infection prevalence in Field Collected Ticks in Endemic Areas of Turkey**  
 AKTAS M., Vatansever Z., Çanakoğlu N., BERBER E., Özübek S., KALKAN A., ÖZDARENDELİ A.  
 5th European Congress of Virology, Lyon, France, 11 - 14 September 2013, pp.189
- XXIV. **Endemik Bölgede Tarım Arazilerinde Ixodid Kene Türleri ve Bunlarda Kırım-Kongo Kanamalı Ateşi Virüsünün Yaygınlığı**  
 AKTAS M., Vatansever Z., Çanakoğlu N., BERBER E., Özdarendeli A.  
 I. Ulusal Vektör Mücadelesi Sempozumu, Antalya, Turkey, 8 - 10 March 2013, pp.15-16
- XXV. **İndirekt ELISA Testi ile Sığır, Koyun ve Keçilerde Kırım-Kongo Kanamalı Ateşi Hastalığı Virusunun Seroprevalansının Belirlenmesi**  
 Çanakoğlu N., BERBER E., Yörük M. D., Tonbak Ş., AKTAS M., Vatansever Z., ÖZDARENDELİ A.  
 X. Ulusal Veteriner Hekimleri Mikrobiyoloji Kongresi, Aydın, Turkey, 24 - 27 September 2012, pp.101
- XXVI. **Kırım Kongo Kanamalı Ateşi Virusuna Karşı Nötralizan Antikor Titresinin Belirlenmesi Amacıyla Pseudo-Plaque Redüksiyon Nötralizasyon Testi Geliştirilmesi**  
 Berber E., Çanakoğlu N., Yörük M. D., Tonbak Ş., Aktaş M., Ertek M., Kalkan A., Özdarendeli A.  
 X. Ulusal Veteriner Hekimleri Mikrobiyoloji Kongresi, Aydın, Turkey, 24 - 27 September 2012, pp.54
- XXVII. **Inactivated Crimean-Congo hemorrhagic fever vaccine derived from Vero cells**  
 Çanakoğlu N., Berber E., Ertek M., Yörük M. D., Tonbak Ş., Bolat Y., Aktas M., Kalkan A., Özdarendeli A.  
 Joint Conference on Emerging and Re-emerging Epidemics Affecting Global Health, Umbria, Italy, 19 - 22 September 2012, pp.59
- XXVIII. **CCHF Infection Prevalence in Field Collected Ticks in Turkey**  
 Vatansever Z., Aktas M., Güven E., Çanakoğlu N., Berber E., Özdarendeli A.  
 Joint Conference on Emerging and Re-emerging Epidemics Affecting Global Health, Umbria, Italy, 19 - 22 September 2012, pp.74
- XXIX. **Development of pseudo-plaque assay for detection and titration of Crimean Congo Hemorrhagic Fever Virus**  
 Berber E., Çanakoğlu N., Yörük M. D., Tonbak Ş., Aktas M., Ertek M., Bolat Y., Kalkan A., Özdarendeli A.  
 The 1st Regional STVM 2012 Conference, Phuket, Thailand, 18 - 21 June 2012, pp.100
- XXX. **Kırım Kongo Kanamalı Ateşi Hastalığına Karşı İnaktif Test Aşısı Geliştirilmesi**  
 Berber E., Çanakoğlu N., Kalkan A., Aktas M., Ertek M., Tonbak Ş., Özdarendeli A.  
 4. Ulusal Viroloji Kongresi, İstanbul, Turkey, 23 - 26 June 2011, pp.166
- XXXI. **Kırım Kongo Kanamalı Ateşi Hastalığı Virüsünün Teşhisini İçin Antijen ELISA ve Indirekt ELISA Testlerinin Geliştirilmesi**  
 Çanakoğlu N., Berber E., Tonbak Ş., Aktas M., Bolat Y., Ertek M., Özdarendeli A.  
 4. Ulusal Viroloji Kongresi, İstanbul, Turkey, 23 - 26 June 2011, pp.154
- XXXII. **Endemik Bölgede Konak Arayan Kenelerde Kırım-Kongo Kanamalı Ateşi Virüsünün Yaygınlığı**  
 AKTAS M., Çanakoğlu N., BERBER E., Özübek S., Yörük M. D., Vatansever Z., Özdarendeli A.  
 4. Ulusal Viroloji Kongresi, İstanbul, Turkey, 23 - 26 June 2011

## Supported Projects

2010 - Continues

Kırım-Kongo Kanamalı Ateş Virüsünün Epidemiyolojisi, Moleküler Karakterizasyonu, Antijen ELISA Geliştirilmesi ve Koruyucu Aşı Çalışmaları, TUBITAK Project

2017 - 2023	Siğır Rotavirus Enfeksiyonunun Teşhisi Amacıyla Antijen ELISA (AgELISA) Geliştirilmesi, Project Supported by Higher Education Institutions
2013 - 2016	Kırmızı-Kongo Kanamalı Ateşi Hastalığına (Kkkah) Karşı Geliştirilen İnaktif Aşıya Bağlı Oluşacak Hücresel İmmun Yantın Araştırılması, TUBITAK Project
2007 - 2010	Kırmızı-Kongo Hemorajik Ateş Hastalığı Virüsü Gn ve Gc Genlerine Karşı DNA Aşları Hazırlanması, TUBITAK Project

## Patent

2014	Patent
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## Memberships / Tasks in Scientific Organizations

2021 - Continues	The Federation of Clinical Immunology Societies, Member
2021 - Continues	American Society for Virology, Member
2019 - Continues	Türk Mikrobiyoloji Cemiyeti, Member
2018 - Continues	Aşı Bilim Derneği, Member
2015 - Continues	Veteriner Hekimleri Mikrobiyoloji Derneği, Member

## Tasks In Event Organizations

26 Şubat 2022	Berber E., Acaröz U., Eryavuz A., Biricik H. S., Küçükkurt İ., Gürler ., Yalçın H., Varol N., Acaröz D. A., Çakmak T., International Congress On Biological And Health Sciences (Icbh), Scientific Congress, Afyonkarahisar, Turkey
30 Temmuz 2016	Aydın F., Gümüşsoy K. S., Abay S., Sözdutmaz İ., Müştak H. K., Yıldırım M., Azkur A. K., Berber E., Dakman A., Gümüşsoy G. F., XII. VETERİNER HEKİMLERİ MİKROBİYOLOJİ KONGRESİ, Scientific Congress, Nevşehir, Turkey

## Scientific Research / Working Group Memberships

2018 - Continues	Vektörler Ve Vektörlerle Bulaşan Hayvan Hastalıkları Grubu, Virus Enfeksiyonları Çalışma Grubu, Moleküler Biyoloji Ve Biyoinformatik Grubu, <a href="https://vvhbm.erciyes.edu.tr/hakkimizda/hakkimizda/1/9">https://vvhbm.erciyes.edu.tr/hakkimizda/hakkimizda/1/9</a> , Erciyes University, Turkey
2015 - 2017	Aşı Araştırma Ve Geliştirme Uygulama Ve Araştırma Merkezi, Araştırmacı, <a href="https://www.erciyes.edu.tr/kategori/ARASTIRMA/Arastirma-Merkezleri/4/16">https://www.erciyes.edu.tr/kategori/ARASTIRMA/Arastirma-Merkezleri/4/16</a> , Erciyes University, Turkey

## Mobility Activity

2019 - Continues	Post Doc, Post Doc, The University of Tennessee, Knoxville, United States Of America
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## Metrics

Publication: 58  
Citation (WoS): 193  
Citation (Scopus): 182  
H-Index (WoS): 8

## Scholarships

2021 - Continues	Co-Pi and Post-Doc research award, Other Government Agencies
2021 - Continues	Post-Doc research fellowship, Other Government Agencies
2019 - Continues	Post-Doc research fellowship, Official Institutions of Foreign Countries
2010 - 2013	PhD Fellowship, TUBITAK
2009 - 2010	PhD Fellowship, TUBITAK

## Awards

June 2021	Awarded the prestigious 2021 Research Award, Federation Of Clinical Immunology Societies (Focis 2021)
February 2021	Awarded a best second place oral presentation , International Congress On Biological And Health Sciences (lcbh)
January 2021	Post-doc fellowship award, Keystone Symposia
December 2020	1st Place Post-doc oral talk award , The American Society For Microbiology-The Kentucky/Tennessee Branch
October 2018	Oral Presentation Award, Veteriner Hekimleri Mikrobiyoloji Derneği
June 2011	Best Poster Award, Türk Mikrobiyoloji Cemiyeti Ve Klinik Mikrobiyoloji Uzmanlık Derneği
June 2011	Sozlu Sunum Birinciliği, Klinik Mikrobiyoloji Ve İnfeksiyon Hastalıkları Derneği