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### International Researcher IDs

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### Education Information

Post Doctorate, Pittsburg State University, Medical Faculty, Vaccine Research Center, United States Of America 2009 - 2010

Post Doctorate, Tennessee State University, Life Sciences, Virology, United States Of America 1998 - 2001

Doctorate, Fırat University, Fırat Üniversitesi Sağlık Bilimleri, Viroloji, Turkey 1993 - 1997

### Research Areas

Medicine, Microbiology and Clinical Microbiology, Immunology, Life Sciences, Microbiology, Virology, Health Sciences, Fundamental Medical Sciences, Natural Sciences

### Academic Titles / Tasks

Associate Professor, Fırat University, Fırat Üniversitesi Veteriner Fakültesi, Klinik Öncesi, 2005 - 2011

Assistant Professor, Fırat University, Fırat Üniversitesi Tıp Fakültesi, Temel Bilimler, 1998 - 2001

### Academic and Administrative Experience

Erciyes University, 2016 - Continues

Erciyes University, 2016 - 2019

### Advising Theses

ÖZDARENDELİ A., "Hepatitis B Virüsünün Kesim Enzimleri Kullanılarak Tiplendirilmesi", Fırat Üniversitesi, 2005., Postgraduate, A.Aksoy(Student), 2005

ÖZDARENDELİ A., Sığır Vebası Virüsü Nükleoprotein Geninin Klonlanması ve Ökaryotik Hücrelerde Açıklanması, Doctorate, Ş.Tonbak(Student), 2002

ÖZDARENDELİ A., "Hepatitis B Virüsünün HBsAg Geninin Polimeraz Zincir Reaksiyonu Yöntemi İle Gösterilmesi", Fırat Üniversitesi, 2002., Postgraduate, N.Keleştemur(Student), 2002

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- II. **Crimean–Congo Hemorrhagic Fever Virus: Progress in Vaccine Development**  
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- III. **Long-Term Results of Immunogenicity of Booster Vaccination against SARS-CoV-2 (Hybrid COV-RAPEL TR Study) in Türkiye: A Double-Blind, Randomized, Controlled, Multicenter Phase 2 Clinical Study**  
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- IV. **SARS-CoV-2 spike protein S1 subunit induces potent neutralizing responses in mice and is effective against Delta and Omicron variants**  
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- V. **A pilot study for treatment of severe COVID-19 pneumonia by aerosolized formulation of convalescent human immune plasma exosomes (ChipEXO™)**  
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- VI. **Efficacy, Immunogenicity, and Safety of the Two-Dose Schedules of TURKOVAC versus CoronaVac in Healthy Subjects: A Randomized, Observer-Blinded, Non-Inferiority Phase III Trial**  
DURUSU TANRIÖVER M., Aydın O. A., Guner R., YILDIZ O., Celik I., Doganay H. L., Kose S., AKHAN S., AKALIN E. H., SEZER Z., et al.  
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- VII. **Development of a protective inactivated vaccine against Crimean-Congo hemorrhagic fever infection**  
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- IX. **Preclinical Studies on Convalescent Human Immune Plasma-Derived Exosome: Omics and Antiviral Properties to SARS-CoV-2**  
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- X. **Preclinical Studies on Convalescent Human Immune Plasma-Derived Exosome: Omics and Antiviral Properties to SARS-CoV-2.**  
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- XI. **Safety and immunogenicity of inactive vaccines as booster doses for COVID-19 in Turkey: A randomized trial**  
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- XII. **Immune responses in multiple hosts to Nucleocapsid Protein (NP) of Crimean-Congo Hemorrhagic**

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- XIII. **Production and Characterization of Nucleocapsid and RBD Cocktail Antigens of SARS-CoV-2 in *Nicotiana benthamiana* Plant as a Vaccine Candidate against COVID-19**  
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- XIV. **Development of an Inactivated Vaccine against SARS CoV-2**  
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VACCINES, vol.9, no.11, 2021 (SCI-Expanded)
- XV. **Plant-Produced Glycosylated and In Vivo Deglycosylated Receptor Binding Domain Proteins of SARS-CoV-2 Induce Potent Neutralizing Responses in Mice**  
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- XVI. **Development of a novel recombinant ELISA for the detection of Crimean-Congo hemorrhagic fever virus IgG antibodies**  
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- XVII. **Evaluation of the cell culture based and the mouse brain derived inactivated vaccines against Crimean-Congo hemorrhagic fever virus in transiently immune-suppressed (IS) mouse model**  
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- XVIII. **Isolation and characterization of severe acute respiratory syndrome coronavirus 2 in Turkey**  
PAVEL S. T. I., YETİŞKİN H., AYDIN G., Holyavkin C., UYGUT M. A., Dursun Z. B., Celik İ., Cevik C., ÖZDARENDELİ A.  
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- XIX. **Geographical and temporal distribution of SARS-CoV-2 clades in the WHO European Region, January to June 2020**  
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- XXIII. **Vectors and Vector-Borne Diseases in Turkey**  
İNÇİ A., Yazar S., TUNÇBİLEK A. Ş., CANHİLAL R., DOĞANAY M., Aydın L., Aktaş M., vatansever Z., ÖZDARENDELİ A., özbel Y., et al.  
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- XXIV. **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)
- XXV. **Genetic analysis of the M RNA segment of Crimean-Congo hemorrhagic fever virus strains in Turkey**  
ÖZDARENDELİ A., Aydin K., Tonbak S., Aktas M., Altay K., Koksali I., Bolat Y., Dumanli N., Kalkan A.  
ARCHIVES OF VIROLOGY, vol.153, no.1, pp.37-44, 2008 (SCI-Expanded)
- XXVI. **Crimean-Congo hemorrhagic fever virus: Genetic analysis and tick survey in Turkey**  
Tonbak S., Aktas M., Altay K., Azkur A. K., Kalkan A., Bolat Y., Dumanli N., Ozdarendeli A.  
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- XXVIII. **Detection of Molluscum contagiosum virus (MCV) subtype I as a single dominant virus subtype in molluscum lesions from a Turkish population**  
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- XXIX. **Bovine coronavirus 5'-proximal genomic acceptor hotspot for discontinuous transcription is 65 nucleotides wide**  
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- XXXI. **Prevalence and genotypic distribution of hepatitis GB-C/HG and TT viruses in blood donors, mentally retarded children and four groups of patients in Eastern Anatolia, Turkey**  
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- XXXII. **Detection of Helicobacter pylori in children with otitis media with effusion: A preliminary report**  
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- XXXIII. **Identification of Chlamydia trachomatis with polymerase chain reaction in middle ear fluid in otitis media with effusion**  
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- XXXIV. **[Molecular identification of Candida albicans and Candida dubliniensis strains isolated from clinical samples].**  
Toraman Z. A., Bulut Y., Yilmaz M., Ozdarendeli A.  
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- XXXV. **The effect of L-Tryptophan on hemorrhagic shock induced bacterial translocation**  
Bulbuller N., Pektas B., ÖZDARENDELİ A., Dogru O., Aygen E., Akpolat N.  
JOURNAL OF SURGICAL RESEARCH, vol.123, no.2, pp.194-199, 2005 (SCI-Expanded)
- XXXVI. **Investigation of Epstein-Barr virus DNA in formalin-fixed and paraffin-embedded breast cancer tissues**  
Kalkan A., ÖZDARENDELİ A., Bulut Y., Yekeler H., Cobanoglu B., DOYMAZ M. Z.  
MEDICAL PRINCIPLES AND PRACTICE, vol.14, no.4, pp.268-271, 2005 (SCI-Expanded)
- XXXVII. **Prevalence and genotypes of hepatitis G virus among hemodialysis patients in Eastern Anatolia, Turkey**  
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MEDICAL PRINCIPLES AND PRACTICE, vol.14, no.2, pp.102-106, 2005 (SCI-Expanded)
- XXXVIII. **SV40 in human thyroid nodules**  
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- JOURNAL OF CLINICAL VIROLOGY, vol.30, no.4, pp.337-340, 2004 (SCI-Expanded)
- XXXIX. **The frequency of Toxocara infection in mental retarded children**  
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- XL. **A Case of Mumps Conjunctivitis Detection of the Virus RNA by Nested PCR in Tear Sample**  
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Scandinavian Journal Of Infectious Diseases, vol.36, no.9, pp.698-700, 2004 (SCI-Expanded)
- XLI. **Cutaneous anthrax in adults: A review of 25 cases in the eastern Anatolian region of Turkey**  
Demirdag K., Ozden M., Saral Y., Kalkan A., Kilic S., ÖZDARENDELİ A.  
INFECTION, vol.31, no.5, pp.327-330, 2003 (SCI-Expanded)
- XLII. **Levels of plasma malondialdehyde and erythrocyte antioxidant enzyme activities in patients with chronic hepatitis B.**  
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- XLIII. **Ciprofloxacin and co-trimoxazole resistance and extended spectrum beta-lactamase production in Escherichia coli strains isolated from urinary tract infections**  
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## Articles Published in Other Journals

- I. **Overview of Zoonotic Diseases in Turkey: The One Health Concept and Future Threats**  
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- II. **Overview of Zoonotic Diseases in Turkey: The One Health Concept and Future Threats.**  
İnci A., Doğanay M., Özarendeli A., Düzlü Ö., Yıldırım A.  
Turkiye parazitolojii dergisi, vol.42, pp.39-80, 2018 (Peer-Reviewed Journal)
- III. **[Expression of the cathepsin L1 gene of Fasciola hepatica eucaryotic cells].**  
Kuk S., Kaplan M., Kalkan A., Ozdarendeli A.  
Turkiye parazitolojii dergisi, vol.30, no.1, pp.25-8, 2006 (Scopus)
- IV. **Detection of Epstein-Barr virus DNA by polymerase chain reaction in surgical specimens of patients with squamous cell carcinoma of the larynx and vocal cord nodules.**  
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## Books & Book Chapters

- I. **İnaktif Viral Aşılar**

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## Refereed Congress / Symposium Publications in Proceedings

- I. **HEK293 HÜCRELERİNİN AŞI GELİŞTİRME SÜRECİNDE CYTODEX-1 MİKROTAŞIYICI SİSTEME ADAPTASYONU VE KÜLTÜR ŞARTLARININ OPTİMİZASYONU**  
TUNÇ M., UYGUT M. A., ÖZDARENDELİ A.  
5. Uluslararası Aşı Bilimi Kongresi, Kayseri, Turkey, 16 - 18 October 2024, pp.72
- II. **SARS-COV-2 VARYANTLARINA KARŞI GENİŞ SPEKTRUMLU KORUMA SAĞLAYAN TRİVALAN COVID-19 AŞISININ GELİŞTİRİLMESİ VE KORUYUCU ETKİNLİĞİNİN DEĞERLENDİRİLMESİ**  
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- III. **ERAGEM+DELTA VE ERAGEM+OMICRON BA.5 BİVALENT AŞILARININ SARS-COV-2 VARYANTLARINA KARŞI KORUYUCULUĞUNUN ARAŞTIRILMASI**  
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- IV. **İNAKTİF COVID-19 AŞISI TURKOVAC'IN GELİNCİK MODELİNDE İMMÜNOJENİTE VE VİRAL KLİRENS ETKİSİ**  
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- V. **KIRIM-KONGO KANAMALI ATEŞ HASTALIĞINA KARŞI GELİŞTİRİLEN ADENOVEKTÖR TEMELLİ AŞI ADAYININ SAFLAŞTIRMA PROSESİ VE STANDARDİZASYONU**  
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- VI. **KIRIM-KONGO KANAMALI ATEŞ VİRÜSÜNE KARŞI GELİŞTİRİLEN ADENOVİRAL VEKTÖR TABANLI AŞI ADAYININ ADHERENT VE SÜSPANSİYON HEK293 HÜCRE HATLARINDA ÜRETİMİ VE KARAKTERİZASYONU**  
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- VII. **Rotavirüs VP6 Tabanlı Rekombinant Aşının Geliştirilmesi ve İmmünolojik Yanıtın Belirlenmesi**  
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- VIII. **TURKOVAC AŞISIYLA İMMÜNİZE EDİLEN GELİNCİKLERDE T HÜCRE YANITININ İNCELENMESİ**  
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5. Uluslararası Aşı Bilimi Kongresi, Kayseri, Turkey, 16 - 18 October 2024, pp.57
- IX. **MİKROTAŞIYICI SİSTEMİ KULLANILARAK HEK293 HÜCRESİNİN ÜRETİM OPTİMİZASYONU VE REKOMBİNANT ADENOVİRAL VEKTÖRÜN ENFEKSİYON ŞARTLARININ İNCELENMESİ**  
TUNÇ M., UYGUT M. A., ÖZDARENDELİ A.  
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- X. **Rotavirüs VP6 Proteininin Prokaryotik Ekspresyon Sisteminde Üretimi ve Saflaştırılması**  
KAPLAN B., ÖZDARENDELİ A.  
5. Uluslararası Aşı Bilimi Kongresi, Kayseri, Turkey, 16 - 18 October 2024, pp.62
- XI. **Comparing Immunogenicity and Protective Efficacy of Cell Culture Based and Mice Brain Derived Inactivated Vaccine of Crimean Congo Haemorrhagic Fever Virus in Transiently Immune Suppressed Balb/c Mouse Model**  
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- XII. **S1P1 Agonisti SEW2871 insan Th17 Hücreleri gelişim ve fonksiyonlarını doğrudan ve dolaylı**

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**XIII. Detailed Immunological Analysis of Recombinant Crimean Congo Hemorrhagic Fever Virus Nucleoprotein**

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Citation (WoS): 594

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## **Non Academic Experience**

University of Tennessee USA