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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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Frontiers in Plant Science, vol.14, 2023 (SCI-Expanded)
- V. **A pilot study for treatment of severe COVID-19 pneumonia by aerosolized formulation of convalescent human immune plasma exosomes (ChipEXO (TM))**
GÜL F., GÖNEN Z. B., Jones O. Y., Taşlı N. P., ZARARSIZ G., ÜNAL E., ÖZDARENDELİ A., Şahin F., EKEN A., YILMAZ S., et al.
FRONTIERS IN IMMUNOLOGY, vol.13, 2022 (SCI-Expanded)
- 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.
VACCINES, vol.10, no.11, 2022 (SCI-Expanded)
- VII. **Development of a protective inactivated vaccine against Crimean-Congo hemorrhagic fever infection**
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- VIII. **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 Türkiye**
Nurettin C., Engin B., Sukru T., Munir A., Zati V., Aykut O.
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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**
Mamedov T., Yuksel D., Ilgin M., Gürbüzaslan I., Gulec B., Mammadova G., Ozdarendeli A., Yetiskin H., Kaplan B., Islam Pavel S. T. I., et al.
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- XIV. **Development of an Inactivated Vaccine against SARS CoV-2**
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- XV. **Plant-Produced Glycosylated and In Vivo Deglycosylated Receptor Binding Domain Proteins of SARS-CoV-2 Induce Potent Neutralizing Responses in Mice**
Mamedov T., Yuksel D., Ilgin M., Gurbuzaslan I., Gulec B., Yetiskin H., Uygut M. A., Islam Pavel S. T. I., Ozdarendeli A., Mammadova G., et al.
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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**
Pavel S. T. I., Yetiskin H., Kalkan A., Ozdarendeli A.
PLOS NEGLECTED TROPICAL DISEASES, vol.14, no.11, 2020 (SCI-Expanded)
- 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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- XX. **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**
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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.
ANKARA UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.60, no.4, pp.281-296, 2013 (SCI-Expanded)
- 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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- XXVII. **[Genotyping of hepatitis B virus by restriction enzyme analysis].**
Aksoy A., 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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- XXX. **Combined branched-DNA and conventional HBV PCR assays for detection of serum HBV-DNA in hepatitis B e antigen-positive chronic hepatitis B patients**
ÖZDARENDELİ A., Toroman Z., Bulut Y., Demirbag K., Kalkan A., Ozden M., Kilic S.
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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**
Keles E., Bulut Y., Kaygusuz I., Karlidag T., Yalcin S., ÖZDARENDELİ A., Alpay H.
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- XXXIV. **[Molecular identification of Candida albicans and Candida dubliniensis strains isolated from clinical samples].**
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Mikrobiyoloji bulteni, vol.39, no.2, pp.199-204, 2005 (SCI-Expanded)
- XXXV. **The effect of L-Tryptophan on hemorrhagic shock induced bacterial translocation**
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- 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**
ÖZDARENDELİ A., Toroman Z., Kalkan A., Kilic S., Ozden M., DOYMAZ M. Z.
MEDICAL PRINCIPLES AND PRACTICE, vol.14, no.2, pp.102-106, 2005 (SCI-Expanded)
- XXXVIII. **SV40 in human thyroid nodules**
ÖZDARENDELİ A., Camci C., Aygen E., Kirkil C., Toroman Z., Dogru O., DOYMAZ M. Z.

- 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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- XLI. **Cutaneous anthrax in adults: A review of 25 cases in the eastern Anatolian region of Turkey**
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- 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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INTERNATIONAL JOURNAL OF ANTIMICROBIAL AGENTS, vol.21, no.5, pp.492-493, 2003 (SCI-Expanded)
- XLIV. **Seropositivity of Epstein-Barr virus in Eastern Anatolian Region of Turkey.**
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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.**
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Turkiye parazitolojii dergisi, vol.42, pp.39-80, 2018 (Peer-Reviewed Journal)
- III. **[Expression of the cathepsin L1 gene of Fasciola hepatica eucaryotic cells].**
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- 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**

ÖZDARENDELİ A., PAVEL S. T. I., YETİŞKİN H., UYGUT M. A., KAPLAN B.

in: AŞI ÇALIŞMALARI VE TEKNOLOJİSİ, Mert Döşkaya, Adnan Yüksel Gürüz, Ayşe Gülten Kantarcı, Cemal Ün, Editor, Nobel Tıp Kitabevleri Tic. Ltd. Şti., İstanbul, pp.285-298, 2023

Refereed Congress / Symposium Publications in Proceedings

- I. **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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- II. **S1P1 Agonisti SEW2871 insan Th17 Hücreleri gelişim ve fonksiyonlarını doğrudan ve dolaylı etkilemektedir**
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- III. **Detailed Immunological Analysis of Recombinant Crimean Congo Hemorrhagic Fever Virus Nucleoprotein**
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- IV. **Fingolimod ve SEW2871 insan Th17 hücreleri gelişimini etkilemektedir**
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- V. **Discovery of Crimean-Congo Hemorrhagic Fever Virus vaccine candidate antigens by protein microarray scanning and verification of the determined antigens by recombinant ELISA**
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- VI. **Protein Mikroarray Tarama ile Kırım-Kongo Kanamalı Ateşi Virüsüne ait adayları antijenlerin keşfi ve rekombinant ELISA ile doğrulanması**
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- VII. **Evaluation of CCHFV nucleoprotein as diagnostic tool in ELISA**
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- VIII. **S1P1 Agonist SEW2871 Inhibits human Th17 cell generation and functions**
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- IX. **Direct and indirect effects of S1P1 Agonist SEW2871 on human Th17 cell generation and functions**
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- XII. **Kırım Kongo Aşı Projesi**
ÖZDARENDELİ A.

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- XIII. **Investigation of IFN Response to the Inactivated Vaccine Developed against Crimean Congo Hemorrhagic Fever Virus**
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9th Vaccine & ISV Annual Global Congress, 18 - 20 October 2015
- XIV. **Investigation of IFN gama Response to the Inactivated Vaccine Developed against Crimean Congo Hemorrhagic Fever Virus**
BERBER E., SÖZDUTMAZ İ., ÇANAKOĞLU N., çalışkan m., ÖZDARENDELİ A.
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- XV. **Determination of the Vaccine Induced Immunodominant Regions of Nucleoprotein Crimean Congo Hemorrhagic Fever Virus**
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- XVI. **KIRIM KONGO KANAMALI HASTALIGINA KARSİ HUCRE KULTUR TABANLI ASI GELİSTİRME CALISMALARI**
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ASI BİLİMİ KONGRESİ, İzmir, Turkey, 28 - 30 April 2015
- XVII. **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**
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- XVIII. **AŞI ÇALIŞMALARI**
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Metrics

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Non Academic Experience

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