

Res. Asst. PhD BÜŞRA KAPLAN

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAN-7182-2021

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Education Information

Doctorate, Erciyes University, Turkey 2016 - 2024

Undergraduate, Ankara University, Veteriner Fakültesi, Turkey 2009 - 2014

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, DEVELOPMENT OF EXPERIMENTAL VACCINE BY PRODUCING ROTAVIRUS VP6 PROTEIN IN PROKARYOTIC SYSTEM, Erciyes University, Tıp Fakültesi, Temel Tıp Bilimleri, 2024

Research Areas

Virology, Health Sciences, Natural Sciences

Academic Titles / Tasks

Research Assistant PhD, Erciyes University, Veteriner Fakültesi, Klinik Öncesi Bilimler, 2016 - Continues

Research Assistant, Kafkas University, Faculty Of Veterinary Medicine, Department Of Basic Sciences Veterinary Medicine, 2015 - 2016

Academic and Administrative Experience

Erciyes University, 2022 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Safety and immunogenicity of an inactivated whole virion SARS-CoV-2 vaccine, TURKOVAC, in healthy adults: Interim results from randomised, double-blind, placebo-controlled phase 1 and 2 trials**
Ozdarendeli A., Sezer Z., Pavel S. T. I., Inal A., Yetiskin H., Kaplan B., Uygut M. A., Bayram A., Mazicioglu M. M., Unuvar G., et al.
VACCINE, vol.41, no.2, pp.380-390, 2023 (SCI-Expanded)
- II. **Plant-produced RBD and cocktail-based vaccine candidates are highly effective against SARS-CoV-2, independently of its emerging variants**
Mamedov T., Yuksel D., Gurbuzaslan I., Ilgin M., Gulec B., Mammadova G., Ozdarendeli A., Pavel S. T. I., Yetiskin H., Kaplan B., et al.
FRONTIERS IN PLANT SCIENCE, vol.14, 2023 (SCI-Expanded)
- III. **SARS-CoV-2 spike protein S1 subunit induces potent neutralizing responses in mice and is effective against Delta and Omicron variants**
Mamedov T., Yuksel D., Gurbuzaslan I., Gulec B., Mammadova G., Özdarendeli A., Pavel S. T. I., Yetişkin H., Kaplan B., Uygut M. A., et al.
Frontiers in Plant Science, vol.14, 2023 (SCI-Expanded)
- IV. **Preclinical Studies on Convalescent Human Immune Plasma-Derived Exosome: Omics and Antiviral Properties to SARS-CoV-2**
Yetişkin H., Kaplan B., Pavel S. T. I., Özdarendeli A.
FRONTIERS IN IMMUNOLOGY, vol.13, pp.824378, 2022 (SCI-Expanded)
- V. **Development of an Inactivated Vaccine against SARS CoV-2**
Pavel S. T. I., Yetiskin H., Uygut M. A., Aslan A. F., Aydın G., Inan Ö., Kaplan B., Ozdarendeli A.
VACCINES, vol.9, no.11, 2021 (SCI-Expanded)
- VI. **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.
VACCINES, vol.9, no.11, 2021 (SCI-Expanded)

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

Supported Projects

ÖZDARENDELİ A., PAVEL S. T. I., UYGUT M. A., YETİŞKİN H., KAPLAN B., ASLAN A. F., Project Supported by Higher Education Institutions, Kırım-Kongo Kanamalı Ateş Hastalığına Karşı Geliştirilen Adenovektör Temelli (Glikoprotein+Nükleoprotein) Aşı Adayının Formülasyonu, Stabilizasyonu ve Eprüvasyon Çalışmaları, 2024 - Continues

ÖZDARENDELİ A., KAPLAN B., YETİŞKİN H., UYGUT M. A., PAVEL S. T. I., Project Supported by Higher Education Institutions, Covid19a karşı bivalent ve trivalent inaktif aşı geliştirilmesi, 2022 - Continues

ÖZDARENDELİ A., AYDIN G., PAVEL S. T. I., YETİŞKİN H., KAPLAN B., UYGUT M. A., ASLAN A. F., Project Supported by Higher Education Institutions, Covid-19'a karşı Bakülovirus tabanlı ekspresyon sisteminin geliştirilmesi ve biyolojik aktivitesinin araştırılması, 2022 - Continues

ÖZDARENDELİ A., PAVEL S. T. I., ASLAN A. F., YETİŞKİN H., KAPLAN B., Project Supported by Higher Education Institutions, TURKOVAC aşısının Delta varyantına karşı koyuculuğunun saptanması, 2021 - 2024

Metrics

Publication: 8

Citation (WoS): 72

Citation (Scopus): 75

H-Index (WoS): 4

H-Index (Scopus): 4