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Research Areas

Microbiology, Molecular Biology and Genetics

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. **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., Öz darendeli A., Pavel S. T. I., Yetişkin H., Kaplan B., Uygut M. A., et al.
Frontiers in Plant Science, vol.14, 2023 (SCI-Expanded)
- III. **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., Öz darendeli A.
FRONTIERS IN IMMUNOLOGY, vol.13, pp.824378, 2022 (SCI-Expanded)
- IV. **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)
- V. **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., Ilgın 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)
- VI. **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., Ilgın M., Gurbuzaslan I., Gulec B., Yetiskin H., Uygut M. A., Islam Pavel S. T. I., Ozdarendeli A., Mammadova G., et al.
VIRUSES-BASEL, vol.13, no.8, 2021 (SCI-Expanded)
- VII. **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)

- VIII. **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.
PLOS ONE, vol.15, 2020 (SCI-Expanded)
- IX. **Geographical and temporal distribution of SARS-CoV-2 clades in the WHO European Region, January to June 2020**
Alm E., Broberg E. K., Connor T., Hodcroft E. B., Komissarov A. B., Maurer-Stroh S., Melidou A., Neher R. A., O'Toole Á., Pereyaslov D., et al.
Eurosurveillance, vol.25, no.32, 2020 (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

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**
YETİŞKİN H., pavel S. T. I., ÖZDARENDELİ A.
ScanVir2019, 3 - 05 June 2019
- II. **Determination of the Vaccine Induced Immunodominant Regions of Nucleoprotein Crimean Congo Hemorrhagic 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

Metrics

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