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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAL-7889-2021

ScopusID: 57219049466

Yoksis Researcher ID: 326467

Learning Knowledge

Doctorate

2014 - 2023

Erciyes University, Sağlık Bilimleri Enstitüsü, --, Turkey

Postgraduate

2010 - 2012

Umea Universitet (Umea University), Medical Faculty , Molecular Biology , Sweden

Undergraduate

2005 - 2009

University of Development Alternative , Life science , Biotechnology and Genetic Engineering , Bangladesh

Foreign Languages

Hindi, A2 Elementary

English, C1 Advanced

Bengali, C2 Mastery

Certificates, Courses and Trainings

Health&Medicine, AKTA chromatography systems workshop arranged , GE Healthcare, 2017

Health&Medicine, workshop on Molecular Phylogenetics , Erciyes University , 2017

Health&Medicine, Basic Course in Transmission and Scanning Electron Microscope, Umea University, Sweden , 2011

Dissertations

Doctorate, DEVELOPMENT AND EFFICACY ASSESSMENT OF TWO RECOMBINANT ADENOVIRUS-BASED VACCINE CANDIDATES AGAINST CRIMEAN-CONGO HEMORRHAGIC FEVER, Erciyes University, Sağlık Bilimleri Enstitüsü, --, 2023

Postgraduate, Francisella is sensitive to insect antimicrobial peptides, Umea Universitet (Umea University), Medical

Academic Titles / Tasks

Lecturer 2020 - Continues	Erciyes University, Rektörlük, --
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Research Assistant 2012 - 2013	Umea Universitet (Umea University), Medical Faculty, Molecular Biology
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Supported Projects

1. 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
2. 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
3. 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 - Continues

Awards

1. Pavel S. T. I., Stipend and Travel Grant , Marie Curie Actions/Fp7 , September 2013
2. Pavel S. T. I., Travel grant and stipend , Odessa I. I. Mechnikov National University, June 2013
3. Pavel S. T. I., Travel Grant , Daad (German Academic Exchange Service), August 2012

Scholarships

Full free scholarship for completing the post graduate , University, 2010 - 2012

Dean Scholarship for Undergraduate Studies, University, 2005 - 2009

Published journal articles indexed by SCI, SSCI, and AHCI

1. **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)
2. **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)
3. **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)
4. **Preclinical Studies on Convalescent Human Immune Plasma-Derived Exosome: Omics and Antiviral Properties to SARS-CoV-2.**
Taşlı N. P., Gönen Z. B., Kırbaş O. K., Gökdemir N. S., Bozkurt B. T., Bayrakçı B., Sağraç D., Taşkan E., Demir S., Ekimci Gürcan N., et al.
FRONTIERS IN IMMUNOLOGY, vol.13, pp.1-15, 2022 (SCI-Expanded)
 5. **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)
 6. **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)
 7. **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)
 8. **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.
VIRUSES-BASEL, vol.13, no.8, 2021 (SCI-Expanded)
 9. **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)
 10. **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)
 11. **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)
 12. **Francisella is sensitive to insect antimicrobial peptides.**
Vonkavaara M., Pavel S. T. I., Hölzl K., Nordfelth R., Sjöstedt A., Stöven S.
Journal of innate immunity, vol.5, pp.50-9, 2013 (SCI-Expanded)

Books & Book Chapters

1. **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

1. **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
2. **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

Patent

Özdarendeli A., Pavel S. T. I., Aydın G., Uygut M. A., Yetişkin H., COVID-19'A KARŞI GELİŞTİRİLEN HÜCRE KÜLTÜR TABANLI İNAKTİF AŞI, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2021/014461 , Standard Registration, 2021

Özdarendeli A., Pavel S. T. I., Universal crimean congo haemorrhagic fever virus (cchfv) vaccine, Patent, CHAPTER A Human Needs, The Invention Recourse Number: PCT/TR2020/050428 , Standard Registration, 2020

Pavel S. T. I., Özdarendeli A., KIRIM-KONGO KANAMALI ATEŞ HASTALIĞINA (KKKAH) KARŞI REKOMBİNANT AŞI GELİŞTİRİLMESİ, Patent, CHAPTER A Human Needs, Standard Registration, 2019

Metrics

Publication: 15
Citation (WoS): 101
Citation (Scopus): 256
H-Index (WoS): 8
H-Index (Scopus): 7

Congress and Symposium Activities

Scanvir Conference, Attendee, Turku, Finland, 2019
ICVID 2015: 17th International Conference on Virology and Infectious Diseases, Attendee, London, United Kingdom, 2015

Research Areas

Microbiology, Virology

Non Academic Experience

Special Research Center, Erciyes University