

**ACADEMIC  
CURRICULUM VITAE**

**1. Name -Surname: Cenk Serhan ÖZVEREL**

**2. Title: Assoc. Prof.**

**3. Educational Background:**

<b>Degree</b>	<b>Department/Program</b>	<b>University</b>	<b>Year</b>
Bachelor's	Biomedical Sciences	University of Manchester	2013
Master's	Immunology	Imperial College London	2014
PhD	Microbiology	Ege University	2018

**4. Master's / PhD Thesis**

**4.1. Master's Thesis Title and Thesis Advisor(s):** 'Probiotics limit bacterial dissemination in zebrafish' Prof. Rachel Lawrance

**4.2. PhD Thesis / Medical Specialty Thesis Title and Advisor(s):** 'Development of Vaccine Combination Containing HER2/Neu Antigen and Saponin Adjuvant Against Breast Cancer' Prof. İsmail Karaboz

**5. Academic Titles:**

Date of Assistant Professorship: 20/09/2020

Date of Associate Professorship: 10/11/2022

Date of Professorship:

**6. Supervised Master's and PhD Theses:**

**6.1. Master's Theses**

- Evaluations of the Effect of Determined Antivirals Against Ebola Infection Using In Silico Method
- In Silico Analysis of The Effectiveness of Various Antivirals Against Sexually Transmitted Disease Viruses

## 6.2. PhD Theses

- Evaluation of Antimicrobial and Antifungal Activities of Calcium Hydroxide Combination with Two Different Essential Oils

## 7. Publications

### 7.1. Articles Published in International Peer-Reviewed Journals (SCI, SSCI, AHCI, ESCI, Scopus)

- **Ozverel CS**, Kurtulmus-Yilmaz S. Effect of the application of a hydrogen peroxide home bleaching agent on the cytotoxicity of different CAD-CAM restorative materials. *Dent Med Probl.* 2023;60(2):311-320. doi:10.17219/dmp/142761
- Emine Erdag, İsmet Ersalici, **Cenk Serhan Özverel**. 2023. Friend or foe: association of Euphorbia spp. with Epstein–Barr virus and Burkitt's lymphoma, an in silico approach. *Future Virology*. <https://doi.org/10.2217/fvl-2023-0011>
- Erdag, E., Sultanoglu, N., **Ozverel**, C.S. (2023). Is the BNT162b2 vaccine still effective against the latest variant: XBB.1.5? *Niger J Clin Pract* 2023;26:1519-24
- Sultanoglu, N., Erdag, E., & **Ozverel**, C. S. (2023). A single antiviral for a triple epidemic: is it possible? In *Future Virology* (Vol. 18, Issue 10, pp. 633–642). Future Medicine Ltd. <https://doi.org/10.2217/fvl-2023-0048>
- Güler E, Taner F, Şanlıdağ E, Tulay P, Ergoren MC, Baddal B, **Özverel CS**, Tuncel G, Suer K, Şanlıdağ T. Comparison of the Rapid Antigen Test to RT-qPCR in Diagnosis of SARS-CoV-2: A University Experience in Northern Cyprus. *Clinical and Experimental Health Sciences.* 2023;13(3):525-9.
- Ergoren, M.C., Komurcu, K., Tuncel, G., Akan, G., **Ozverel, C.S.**, Dalkan, C., Kalaycı, M., Sanlidag, T. 2022 . Impact of SARS-CoV-2 Delta and Omicron variants on viral burden and cycle threshold in BNT162b2-vaccinated 12–18 years group. *Braz J Microbiol* **53**, 1937–1940. <https://doi.org/10.1007/s42770-022-00820-3>
- Gulden Tuncel, Mahmut Cerkez Ergoren, Buket Baddal, Pınar Tulay, **Cenk Serhan Ozverel**, Emrah Guler, Huseyin Kaya Suer, Murat Sayan, Tamer Sanlidag. 2022. Detection of SARS-CoV-2 N501Y mutation among SARS-CoV-2 variants of concern circulating in Northern Cyprus. *Future Virology.* 17(8):523-528.

- Mahmut Cerkez Ergoren, Gulden Tuncel, **Cenk Serhan Özverel**, Tamer Sanlidag. 2022. Designing In-House SARS-CoV-2 RT-qPCR Assay for Variant of Concerns. *Glob Med Genet*;09(03):252-257 DOI: 10.1055/s-0042-1756660
- Gulden Tuncel, Mahmut Cerkez Ergoren, Buket Baddal, Pinar Tulay, **Cenk Serhan Özverel**, Emrah Guler, Huseyin Kaya Suer, Murat Sayan, Tamer Sanlidag. 2022. Detection of SARS-CoV-2 N501Y mutation among SARS-CoV-2 variants of concern circulating in Northern Cyprus. *Future Virology*. 17(8):523-528.
- Ayşe Nalbantsoy, Nazli Boke Sarikahya, **Cenk Serhan Özverel**, Ayşe Berçin Barlas, Damla Kırıcı, İsmail Hakkı Akgün, Tansel Yalçın, Gamze Düven, Duygu Kışla, Betül Demirci, Gulacti Topcu, Ahmet C Goren. 2022. Chemical composition and biological activities of Cypriot propolis. *Journal of Apicultural Research*. 1-13
- **Cenk Serhan Özverel**, Pinar Tulay, Mahmut Cerkez Ergoren, Emrah Guler, Buket Baddal, Kaya Suer, Tamer Sanlidag. 2022. SARS-CoV-2 Alpha Variant Infection of a Patient Immunized by Inactive Sinovac (CoronaVac) Vaccine. *The EuroBiotech Journal*.6(1):27-31
- Gulden Tuncel, Mahmut Cerkez Ergoren, Buket Baddal, Pinar Tulay, Ayşe Arıkan, Emrah Guler, **Cenk Serhan Özverel**, H Kaya Suer, Murat Sayan, Tamer Sanlidag. 2021. Comparison of RT-qPCR results of different gene targets for SARS-CoV-2 in asymptomatic individuals during COVID-19 pandemic. *The EuroBiotech Journal*.5(1):26-31
- **Cenk Serhan Özverel**, Aylin İslam, Hasan Güney Yılmaz. 2021. The biostimulative effectiveness of photobiomodulation therapy application on thawed dental pulp stem cells. *Journal of Innovative Optical Health Sciences*.14(03)
- Aylin İslam, **Cenk Serhan Özverel**, Hasan Güney Yılmaz. 2021. Comparative evaluation of low-level laser therapy on proliferation of long-term cryopreserved human dental pulp cells isolated from deciduous and permanent teeth. *Lasers in Medical Science*. 36(2):421-427
- **Cenk Serhan Özverel**. 2020. Exosome Mimetic Nanovesicles; Are They Next Best Alternative Therapeutic Approach Combating Cancer? *Cyprus Journal of Medical Sciences*.5(4):361-365
- Ayşe Nalbantsoy, **Cenk Serhan Özverel**, Duygu KİŞLA. 2020. A co-culture study to determine the supportive role of probiotics on immune system against cancer cells. *Food and Health*. 6(4):287-298
- **Cenk Serhan Özverel**, Yiğit Uyanıkgil, İsmail Karaboz, Ayşe Nalbantsoy. 2020. Investigation of the combination of anti-PD-L1 mAb with HER2/neu-loaded dendritic cells and QS-21 saponin adjuvant: Effect against HER2 positive breast cancer in mice. *Immunopharmacology and Immunotoxicology*. 42(4):346-357

- **Cenk Serhan Özverel**, Sevcan Kurtulmus-Yilmaz. 2020. Awareness and perception of dentistry students' studying in Cyprus regarding COVID-19: A cross-sectional study. Journal of Contemporary Medical Sciences.6(5)
- Rabia Bilge Özgül Özdemir, Alper Tunga Özdemir, Cengiz KIRMAZ, Mehmet İbrahim Tuğlu,Özgür Şenol, **Cenk Serhan Özverel**, Afig Berdeli. 2019. The effects of mesenchymal stem cells on the IDO, HLA-G and PD-L1 expression of breast tumor cells MDA-MB-231 and MCF-7. Archives of Clinical and Experimental Medicine.4(3):132-137
- **Cenk Serhan Özverel**, Maik Damm, Benjamin-Florian Hempel, Bayram Göçmen, Robert Sroka, Roderich D Süßmuth, Ayse Nalbantsoy. 2019. Investigating the cytotoxic effects of the venom proteome of two species of the Viperidae family (Cerastes cerastes and Cryptelytrops purpureomaculatus) from various habitats. Comparative Biochemistry and Physiology Part C:Toxicology&Pharmacology. 220 (20-30)
- **Cenk Serhan OZVEREL**, İsmail KARABOZ, Ayse NALBANTSOY. 2017. Novel treatment strategies in cancer immunotherapy. ActaBiologicaTurcica. 30(2):36-51

## 7.2. Articles Published in Other International Peer-Reviewed Journals

## 7.3. Papers Presented at International Scientific Conferences and Published in Conference Proceedings

- C.S.Ozverel,I.Karaboz,A.Nalbantsoy (2018) A new combination immunotherapy approach with anti-PD-L1 and HER2/neu loaded dendritic cell vaccine along with saponin adjuvant. Eur. J. Can. 92(1):S6-S7.
- Cenk Serhan Ozverel , Berna Uzun, Nazife Sultanoglu, Mubarak Taiwo Mustapha, Cemile Bagkur, Dilber Uzun Ozsahin, Tamer Sanlidag (2022) Ranking the Infection Risks of Different Viruses with the Fuzzy PROMETHEE Method; Zika, a Silent Threat. TMC2022
- Tamer Şanlıdağ, Abdullahi Garba Usman, CenkSerhanÖzverel, BernaUzun, NazifeSultanoğlu, CemileBağkur, DilberUzunÖzşahin (2022) Muhtemel Salgınların Belirlenmesinde Yapay Zeka Modellerinin Kullanımı: İlk Salgın Hangi Virüsle Ne Zaman? TMC2022
- Cenk Serhan Özverel, Nazife Sultanoğlu, Halil Doruk Kaynarca, Emine Erdag, Murat Sayan, Tamer Şanlıdağ (2023) Benzoksazolone Türevlerinin *In Vitro* ve *In Silico* Modelde Antimikrobiyal Duyarlılıklarının Saptanması. 7. KLİMUD Ulusal Klinik Mikrobiyoloji Kongresi

- Mubarak Taiwoo Mustapha, Erdal Sanlidag, Cenk Serhan Özverel, Dilber Uzun Özşahin, Tamer Sanlidag. (2023). Vector Identification with Artificial Intelligence Application: New Era in Outbreak Control. 7. KLİMUD Ulusal Klinik Mikrobiyoloji Kongresi

#### **7.4.National/international Books or Book Chapters**

#### **7.5. Articles Published in National Peer-Reviewed Journals**

### **8. Art and Design Activities**

### **9. Projects**

### **10. Administrative Responsibilities**

- Director of DESAM Research Institute, Near East University – August 2023- Currently
- Turkish Microbiology Society –TRNC Platform Board Membership– November 2022- Currently
- Board Member of DESAM Research Institute, Near East University – 2022- Currently

### **11. Memberships in Scientific and Professional Organizations**

- Turkish Microbiology Society
- TMC-KKTC Platform Membership

### **12. Awards**

- 2020 Near East University Publication Award
- 2021 Near East University Publication Award
- 2021-6th Erciyes Medicine Medical Genetic Congress Oral Presentation First Prize
- 2023 - 7. KLİMUD National Clinical Microbiology Congress Poster Presentation Award.

**13. Undergraduate and Graduate Courses Taught in the Last Two Years**

Academic Year	Semester	Course Name	Weekly Hours		Number of Students
			Theoretical	Practical	
2021 - 2022	Academic Year	DTC100 (1. Sınıf Dental Teorik Blokları- Mikrobiyoloji / Fizioloji)			120
	Academic Year	DTB100 (1. Sınıf Dental Teorik Blokları- Mikrobiyoloji / Fizioloji)			100
	Fall	DTC200 (1. Sınıf Dental Teorik Blokları- Mikrobiyoloji / Fizioloji)			60
	Fall	DTB200 (1. Sınıf Dental Teorik Blokları- Mikrobiyoloji / Fizioloji)			90
	Fall	DEC506 Basic Immunology and Vaccine Strategies	3		40
	Spring	DSD509 Kök Hücre, Laboratuvar dan Klinik Potansiyeline	1	2	10
	Spring	MIK222 Besin Mikrobiyolojisi	3		20
	Spring	MIC222 Food Microbiology	3		15
	Spring	BES206 Gıda Mikrobiyolojisi	3		7
2022 - 2023	Academic Year	DTC100 (1. Sınıf Dental Teorik Blokları- Mikrobiyoloji / Fizioloji)			110
	Academic Year	DTB100 (1. Sınıf Dental Teorik Blokları- Mikrobiyoloji / Fizioloji)			90
	Fall	DTC200 (1. Sınıf Dental Teorik Blokları- Mikrobiyoloji / Fizioloji)			45
	Fall	DTB200 (1. Sınıf Dental Teorik Blokları- Mikrobiyoloji / Fizioloji)			75
	Fall	DEC506 Basic Immunology and Vaccine Strategies	3		40
	Spring	DSD509 Kök Hücre, Laboratuvar dan Klinik Potansiyeline	1	2	10
	Spring	MIK222 Besin Mikrobiyolojisi	3		18
	Spring	MIC222 Food Microbiology	3		10
	Spring	BES206 Gıda Mikrobiyolojisi	3		6