

## Res. Asst. Senanur DOKUZ

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: IQV-0315-2023

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### Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Moleküler Biyoloji ve Genetik, Turkey 2023 - Continues

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Moleküler Biyoloji ve Genetik, Turkey 2020 - 2023

Undergraduate, Istanbul University, Faculty Of Science, Moleküler Biyoloji Ve Genetik Bölümü, Turkey 2015 - 2020

### Dissertations

Postgraduate, Faj Reseptör Bağlayıcı Proteinin Rekombinant Eldesi ve Hedefli Terapötik Nanopartikül Tasarımı, Yildiz Technical University, Faculty Of Arts & Science, Department Of Molecular Biology And Genetics, 2023

### Research Areas

Biotechnology, Microbiology, Molecular Biology and Genetics

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Phage-inspired targeting of antibiotic-loaded polymeric micelles for enhanced therapeutic efficacy against monomicrobial sepsis**  
ÖZBEK T., Demir H., DOKUZ S., TAŞDURMAZLI S., Ozbey U., Ozbil M., TOPUZOĞULLARI M., Cinar I., Karamese M., Karamese S. A., et al.  
Journal of Controlled Release, vol.380, pp.773-786, 2025 (SCI-Expanded)
- II. **A precise targeting of Staphylococcus aureus with phage RBP-decorated antibiotic-loaded nanoparticles**  
Dokuz S., Coksu I., Acar S., Ozbek T.  
Biotechnology Journal, vol.20, no.2, 2025 (SCI-Expanded)
- III. **Enhancing the treatment of Staphylococcus aureus infections: A nanosystem with including dual antimicrobial peptide**  
Coksu I., DOKUZ S., Akgul B., ÖZBEK T., ABAMOR E. Ş., DURANOĞLU DİNÇER D., ACAR S.  
Journal of Drug Delivery Science and Technology, vol.97, 2024 (SCI-Expanded)

- IV. **Evaluating the Stability of Lytic and Lysogenic Bacteriophages in Various Protectants**  
Selcuk E., DOKUZ S., ÖZBEK T.  
Journal of Pharmaceutical Sciences, vol.113, no.6, pp.1488-1497, 2024 (SCI-Expanded)
- V. **Evaluation of Bacteriophage  $\phi$ 11 host recognition protein and its host-binding peptides for diagnosing/targeting of Staphylococcus aureus infections**  
Dokuz S., Taşdurmazlı S., Acar T., Duran G. N., Özdemir Ç., Özbey U., Özbil M., Karadayı Ş., Bayrak Ö. F., Acar S., et al.  
INTERNATIONAL JOURNAL OF ANTIMICROBIAL AGENTS, vol.64, no.2, 2024 (SCI-Expanded)
- VI. **Starch nanogels as promising drug nanocarriers in the management of oral bacterial infections**  
Saracoglu P., DOKUZ S., ÖZBEK T., TOPUZOĞULLARI M., ÖZMEN M. M.  
Journal of Drug Delivery Science and Technology, vol.88, 2023 (SCI-Expanded)
- VII. **The Evaluation of Biotechnological Potential of Gp144, the Key Molecule of Natural Predator Bacteriophage K in Staphylococcus aureus Hunting Mechanism.**  
Tasdurmazlı S., Dokuz S., Erdogdu B., Var I., Chen J. Y., Ozbek T.  
Biotechnology journal, vol.18, 2023 (SCI-Expanded)

## Papers Published in Refereed Scientific Meetings

- I. **Starch Nanogels as an Emerging Platform for Oral Infections Treatment**  
SARAÇOĞLU P., DOKUZ S., ÖZBEK T., Topuzogullari M., ÖZMEN M. M.  
19th Asian Chemical Congress, 9 - 14 July 2023
- II. **Lysogenic Phage Isolation From Methicillin-resistant S. aureus Clinical Isolates**  
Dokuz S., Özbek T., Güngör G.  
IV. ULUSLARARASI DOĞA BİLİMLERİ VE TEKNOLOJİLERİ KONFERANSI (ICONAT-2022), Antalya, Turkey, 24 - 26 August 2022, pp.136-141

## Supported Projects

ÖZBEK T., TAŞDURMAZLI S., ERDOĞDU B., DOKUZ S., HANÇER H., Project Supported by Higher Education Institutions, E coli enfeksiyonlarına karşı fagoterapi veya biyokontrol amaçlı faj preparatının geliştirilmesi, 2022 - 2024

TOPUZOĞULLARI M., ÖZMEN M. M., DOKUZ S., ÖZBEK T., DERMAN S., Daaboul M., Alhamvi S., Paşaoğlu H., Project Supported by Higher Education Institutions, Kendiliğinden Antibakteriyel Polimerik Malzemelerin Geliştirilmesi, 2022 - 2024

ÖZBEK T., TAŞDURMAZLI S., DOKUZ S., DİNLER DOĞANAY G., DİNGİLOĞLU B., DEMİRCİ H., ERDOĞDU B., Project Supported by Higher Education Institutions, Reseptör Bağlama Proteini Gp144'ün Rekombinant Eldesi ve Karakterizasyonu, 2022 - 2024

## Metrics

Publication: 9

Citation (Scopus): 9

H-Index (Scopus): 2