

## Res. Asst. SENA KARDELEN DİNÇ

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Ankara Hacı Bayram Veli University, Polatlı Faculty Of Arts And Sciences, Department Of Biology, Turkey 2021  
- Continues

Postgraduate, Marmara University, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), Turkey 2018 - 2019

Undergraduate, Marmara University, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, Turkey 2012 - 2017

### Dissertations

Postgraduate, Biyojenik Selenyum Nanoparçacık Üretimi, Karakterizasyonu ve Chlorella sp. Mikroalginde Oksidatif Stres Üzerine Etkilerinin Araştırılması, Marmara University, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), 2021

### Research Areas

Life Sciences, Natural Sciences

### Academic Titles / Tasks

Research Assistant, Ankara Hacı Bayram Veli University, Polatlı Faculty of Arts and Sciences, Department of Biology, 2019 - Continues

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

- I. **Facile biogenic selenium nanoparticle synthesis, characterization and effects on oxidative stress generated by UV in microalgae**  
Dinc S. K., Vural O. A., KAYHAN F. E., San Keskin N. O.  
Particuology, vol.70, pp.30-42, 2022 (SCI-Expanded)
- II. **Reusable Halophilic Bacteria Attached Cellulose Acetate Nanofiber Webs for Removal of Cr (VI) and Reactive Dye**  
Dinc S. K., Keskin N. O.  
Journal of Nano Research, vol.74, pp.35-45, 2022 (SCI-Expanded)

### Books & Book Chapters

- I. **Overview of the Current Nano-Materials, Synthesis, Properties and Characterization**  
Çimen Z., MUTLUTÜRK E., Çetin Ersen B., Gençoglu Katmerlikaya T., DİNÇ S. K., SAN KESKİN N. O., SARI ÜZEK E., DAĞ A., DEMİREL G.  
in: Functionalized Smart Nanomaterials for Point-of-Care Testing, Amit Kumar Mandal, Suvankar Ghorai, Azamal Husen, Editor, Springer, Singapore, pp.1-30, 2023
- II. **Electrospinning Techniques for Encapsulation**  
SAN KESKİN N. O., DİNÇ S. K.  
in: Micro- and Nano-containers for Smart Applications, Parameswaranpillai Jyotishkumar, Salim Nisa V., Pulikkalparambil Harikrishnan, Mavinkere Rangappa Sanjay, Suchart Siengchin I., Editor, Springer, Singapore, pp.39-61, 2022
- III. **Toksikoloji Analizlerinde In Vitro Yaklaşımlar**  
KAYMAK G., ESMER DURUEL H. E., DİNÇ S. K., TARTAR KIZILKAYA Ş., KAYHAN F. E.  
in: Fen Bilimleri ve Matematik Alanında Yenilikçi Yaklaşımlar, Prof. Dr. Hüsnüye AKA SAĞLIKER, Doç. Dr. SadıkÇOĞAL, Doç. Dr. Seçkin KÖROĞLU, Editor, Gece Kitaplığı, İstanbul, pp.89-154, 2018

## Refereed Congress / Symposium Publications in Proceedings

- I. **Biogenic synthesis and structural characterization of selenium nanoparticles from halophilic bacteria**  
DİNÇ S. K., SAN KESKİN N. O., KAYHAN F. E.  
European Biotechnology Congress 2020, Prague, Czech Republic, 24 - 26 September 2020, vol.35, pp.11-12
- II. **Reusable halophilic bacterium attached electrospun nanofibrous webs for chromium removal in wastewater**  
DİNÇ S. K., SAN KESKİN N. O.  
International Eurasian Conference on Biotechnology and Biochemistry, Ankara, Turkey, 16 - 18 December 2020
- III. **The effects of fluoxetine-HCl on oxidative stress parameters of Xiphophorus hellerii**  
KAYMAK G., ESMER DURUEL H. E., TARTAR KIZILKAYA Ş., DİNÇ S. K., KAYHAN F. E.  
2nd International Eurasian Conference on Biological and Chemical Sciences, 28 June - 29 September 2019
- IV. **Herbisit Tribenuron-Metil'in Zebra Balığı (Danio rerio)'nın Kas Dokusu Üzerine Etkileri**  
KAYMAK G., ESMER DURUEL H. E., TARTAR KIZILKAYA Ş., DİNÇ S. K., KAYHAN F. E.  
ISPEC Uluslararası Mühendislik ve Fen Bilimleri Kongresi, Malatya, Turkey, 3 - 04 May 2019, pp.146-151

## Metrics

Publication: 10

Citation (Scopus): 4

H-Index (Scopus): 1