# Res. Asst. SENA KARDELEN DİNÇ

## Personal Information

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## Education Information

Doctorate, Ankara Haci Bayram Veli University, Polatli Faculty Of Arts And Sciences, Department Of Biology, Turkey 2021 - Continues
Postgraduate, Marmara University, Fen Bilimleri Enstitüsü, Biyoloji (Yl) (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 (Yl) (Tezli), 2021

## Research Areas

Life Sciences, Natural Sciences

## Academic Titles / Tasks

Research Assistant, Ankara Haci Bayram Veli University, Polatli 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., SARİ 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. Hüsniye AKA SAĞLIKER, Doç. Dr. Sadık ÇOĞAL, 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 Eurasion 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