

## Asst. Prof. DERYA KIZILOLUK

### Personal Information

**Email:** deryakiziloluk@cumhuriyet.edu.tr

**Web:** <https://avesis.cumhuriyet.edu.tr/deryakiziloluk>

### International Researcher IDs

ORCID: 0000-0002-0896-6550

Yoksis Researcher ID: 245660

### Education Information

Doctorate, Sivas Cumhuriyet University, Fen Fakültesi, Biyokimya Bölümü, Turkey 2010 - 2015

Postgraduate, Sivas Cumhuriyet University, Fen Fakültesi, Biyokimya Bölümü, Turkey 2006 - 2008

Undergraduate, Sivas Cumhuriyet University, Fen Fakültesi, Turkey 2001 - 2006

### Dissertations

Doctorate, Antikanser ilaç olan Capecitabine'nin dna ile etkileşiminin grafit tabanlı dna biyosensörleri ile elektrokimyasal tayini, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Biyokimya Bölümü, 2015

Postgraduate, Isı Şok Proteini Hsp70' in Yapısında Stres ve Farklı Nükleotitler Varlığında Oluşan Değişikliklerin İncelenmesi,, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Biyokimya Bölümü, 2008

### Research Areas

Natural Sciences

### Academic Titles / Tasks

Assistant Professor, Sivas Cumhuriyet University, Fen Fakültesi, Biyokimya Bölümü, 2016 - Continues

### Academic and Administrative Experience

Deputy Head of Department, Sivas Cumhuriyet University, Fen Fakültesi, Biyokimya Bölümü, 2018 - Continues

### Courses

Biyokimya Laboratuvarı -II, Undergraduate, 2022 - 2023, 2021 - 2022

Kimya ve Sağlık, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

Biyokimya-II, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Uzmanlık Alan Dersi, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Doku Biyokimyası, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016

- 2017, 2015 - 2016

Bitirme Tezi, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

Biyokimya - I, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Egzersiz Biyokimyası, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Biyokimya Laboratuvarı-I, Undergraduate, 2022 - 2023, 2021 - 2022

Biyokimyada Deney Hayvanları, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Biyoelektrokimya ve Uygulamaları, Postgraduate, 2021 - 2022, 2020 - 2021

Biyomedikal Algılayıcılar ve Uygulama Alanları, Postgraduate, 2021 - 2022, 2020 - 2021

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

### **I. Heat, pH Induced Aggregation and Surface Hydrophobicity of *S. cerevisiae* Ssa1 Protein**

Tutar Y., Arslan D., Tutar L.

PROTEIN JOURNAL, vol.29, pp.501-508, 2010 (SCI-Expanded)

## **Articles Published in Other Journals**

### **I. Electrochemical investigation of DNA and Capecitabine interaction using glassy carbon electrode (GCE)**

KIZILOLUK D., GÖKÇE G., ÇETİNUS Ş.

Cumhuriyet Science Journal, vol.42, no.4, pp.814-821, 2021 (Peer-Reviewed Journal)

### **II. ELECTROCHEMICAL DETERMINATION OF THE INTERACTION BETWEEN ANTICANCER DRUG CAPECITABINE AND DNA BY CARBON PASTE ELECTRODE**

Kızıloluk D., Gökçe G., Çetinus Ş.

Journal of Scientific Perspectives, vol.4, no.1, pp.1-12, 2020 (Peer-Reviewed Journal)

### **III. Electrochemical Determination of Interaction between Anticancer Drug Epirubicin and DNA by DNA Biosensors**

Elik A., Gökçe G., Bostancı E., Kızıloluk D.

Cumhuriyet Science Journal, vol.38, no.3, pp.525-534, 2017 (Peer-Reviewed Journal)

## **Refereed Congress / Symposium Publications in Proceedings**

### **I. INVESTIGATION OF INTERACTION 6-MERCAPTOPYRIMIDINE (6-MP) - DNA BY ELECTROCHEMICAL DNA BIOSENSOR**

Kızıloluk D., Keskin D.

9 th INTERNATIONAL ZEUGMA CONFERENCE ON SCIENTIFIC RESEARCH, Gaziantep, Turkey, 19 - 21 February 2023, pp.104-106

### **II. Electrochemical determination of interaction between DNA and anticancer drug capecitabine by using DNA modified carbon paste electrodes**

Kızıloluk D., Gökçe G., ÇETİNUS Ş., Erdem A.

3. International congress on biosensors, 5 - 07 October 2016

### **III. Stability and conformational changes in yeast Ssa1 protein**

Tutar Y., Kızıloluk D.

32. FEBS Meeting, Vienna, Austria, 03 April 2007

## **Metrics**

Publication: 7

Citation (WoS): 11

Citation (Scopus): 14

H-Index (WoS): 1

H-Index (Scopus): 1