

## Res. Asst. GÖKÇE ÖZTÜRK

### Personal Information

Office Phone: [+90 462 377 8824](tel:+904623778824)

Email: [gokceozturk@ktu.edu.tr](mailto:gokceozturk@ktu.edu.tr)

Web: <https://avesis.ktu.edu.tr/gokceozturk>

Address: KTÜ Eczacılık Fakültesi, Analitik Kimya Anabilim Dalı, Kat:3, Ortahisar/Trabzon

### International Researcher IDs

ORCID: 0000-0002-3332-7136

Yoksis Researcher ID: 246816

### Education Information

Doctorate, Karadeniz Technical University, Sağlık Bilimleri Enstitüsü, Turkey 2016 - 2024

Postgraduate, Karadeniz Technical University, Sağlık Bilimleri Enstitüsü, Analitik Kimya Anabilim Dalı, Turkey 2013 - 2016

Undergraduate, Eskisehir Osmangazi University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 2008 - 2012

### Certificates, Courses and Trainings

Project Management, Lisansüstü Öğrencilerin Sağlık Bilimleri Alanında TÜBİTAK için Araştırma Projesi Önerisi Hazırlama ve Yürütme Uygulamalı Eğitimi: Malatya 2018-1, İnönü Üniversitesi, 2018

### Dissertations

Doctorate, Determination of Some Antihypertensive Active Substances from Pharmaceutical Dosage Forms and Biological Fluids Using Modified Glassy Carbon Electrodes with Electroanalytical Methods, Karadeniz Technical University, Sağlık Bilimleri Enstitüsü, -, 2024

Postgraduate, Antibakteriyel ilaç sefepimin karbon esash elektrotlar ile elektrokimyasal oksidasyonu ve farmasötiklerden ve serumdan kantitatif tayini, Karadeniz Technical University, Sağlık Bilimleri Enstitüsü, Analitik Kimya Anabilim Dalı, 2016

### Research Areas

Chemistry, Analytical Chemistry, Electromagnetic Methods, Natural Sciences

### Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık, 2016 - Continues

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

- I. **Development of low-cost, fast, and sensitive voltammetric methods for the determination of donepezil using unmodified carbon paste electrode**  
ÖZTÜRK G., Sofu U., KUL D.  
MONATSHEFTE FÜR CHEMIE, 2024 (SCI-Expanded)
- II. **Development of Highly Sensitive Voltammetric Methods for the Determination of Antihistamine Drug Cetirizine Using A Poly(Bromocresol Purple) Film-Based Electrochemical Sensor**  
Sofu U., ÖZTÜRK G., REİS H. A., ERDEMİR F., KUL D.  
ANALYTICAL LETTERS, 2024 (SCI-Expanded)
- III. **Electroanalytical Investigation of 2-(2-Methylbenzyl)-4(7)-phenyl-1*H*-benzo[*d*]imidazole, a Novel Benzimidazole Derivative**  
Ağın F., Öztürk G., Doğan İ. S., Kahveci B., Kul D.  
CHEMISTRYSELECT, vol.8, no.41, 2023 (SCI-Expanded)
- IV. **Electrochemical Analysis of Antipsychotic Drug Quetiapine Fumarate Using Multi-walled Carbon Nanotube Modified Glassy Carbon Electrode**  
Kaynar B., ÖZTÜRK G., KUL D.  
ELECTROANALYSIS, vol.35, no.3, 2023 (SCI-Expanded)
- V. **Comparison of carbon paste and boron-doped diamond electrodes for determination of cefepime in pharmaceutical dosage forms and biological samples**  
ÖZTÜRK G., KUL D.  
Diamond and Related Materials, vol.131, 2023 (SCI-Expanded)
- VI. **Voltammetric analysis of ephedrine in pharmaceutical dosage forms and urine using poly(Nile blue A) modified glassy carbon electrode**  
AĞIN F., ÖZTÜRK G., KUL D.  
COMBINATORIAL CHEMISTRY AND HIGH THROUGHPUT SCREENING, vol.24, no.3, pp.366-375, 2021 (SCI-Expanded)
- VII. **Electroanalytical Analysis of Guaifenesin on Poly(Acridine Orange) Modified Glassy Carbon Electrode and its Determination in Pharmaceuticals and Serum Samples**  
Isik H., ÖZTÜRK G., AĞIN F., KUL D.  
COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, vol.24, no.3, pp.376-385, 2021 (SCI-Expanded)
- VIII. **A lab-on-a-tip approach to make electroanalysis user-friendly and decentralized: Detection of copper ions in river water**  
Cinti S., Mazzaracchio V., Orturk G., Moscone D., Arduini F.  
ANALYTICA CHIMICA ACTA, vol.1029, pp.1-7, 2018 (SCI-Expanded)
- IX. **Poly(Methyl Red) Modified Glassy Carbon Electrodes: Electrosynthesis, Characterization, and Sensor Behavior**  
KUL D., Ozturk G.  
ELECTROANALYSIS, vol.29, no.7, pp.1721-1730, 2017 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Electroanalytical Analysis of Guaifenesin from Pharmaceuticals on Boron Doped Diamond Electrode**  
Ağın F., Öztürk G., Kul D.  
Turkish Journal of Analytical Chemistry (Online), vol.4, no.2, pp.88-93, 2022 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Development of A New Polymer-Based Electrochemical Sensor for Analysis of Melatonin and Its Determination from Pharmaceuticals and Biological Samples**  
Sofu Akdağ Ü., Öztürk G., Kul D.

- 14 th International Symposium on Pharmaceutical Sciences (ISOPS-14), Ankara, Turkey, 25 - 28 June 2024
- II. **Voltammetric Determination of Terazosin HCl from Pharmaceutical Dosage Forms Using Poly(Allura Red AC) Modified Glassy Carbon Electrode**  
Şişman E., Öztürk G., Ağin F., Kul D.  
14 th International Symposium on Pharmaceutical Sciences (ISOPS-14) , Ankara, Turkey, 25 - 28 June 2024
- III. **Electrochemical Analysis of Melatonin on Poly(Bromocresol Purple) Modified Glassy Carbon Electrode and Its Determination from Pharmaceuticals**  
SOFU AKDAĞ Ü., ÖZTÜRK G., KUL D.  
12th Aegean Analytical Chemistry Days, İstanbul, Turkey, 19 - 22 October 2023
- IV. **Electrochemical Determination of Rosmarinic Acid from Origanum Minutiflorum and Origanum Micranthum Extracts Using Boron-Doped Diamond Electrode**  
ŞİŞMAN E., ÖZTÜRK G., SUBAŞ T., ÖZGEN U., SEZEN KARAOĞLAN E., AĞIN F., KUL D.  
12th Aegean Analytical Chemistry Days, İstanbul, Turkey, 19 - 22 October 2023
- V. **Electrochemical Determination of Alfuzosin Hydrochloride from Pharmaceutical Dosage Forms Using Poly(Allura Red AC) Modified Glassy Carbon Electrode**  
ŞİŞMAN E., ÖZTÜRK G., AĞIN F., KUL D.  
International Multidisciplinary Symposium on Drug Research and Development - DRD 2023, İzmir, Turkey, 4 - 06 May 2023
- VI. **Araştırma Projesi Dersinin İzleminde Belge Yönetimi**  
Öztürk G., Sellitepe H. E., Doğan İ. S.  
III. Ulusal Eczacılık Eğitimi ve Akreditasyon Kongresi, Eskişehir, Turkey, 17 - 19 November 2021, pp.56-57
- VII. **Electroanalytical Analysis of Guaifenesin on Poly(acridine orange) Modified Glassy Carbon Electrode and Its Determination in Pharmaceuticals and Serum Samples**  
IŞIK H., AĞIN F., ÖZTÜRK G., KUL D.  
13. International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 20 June 2021
- VIII. **Voltammetric Studies on The Antibiotic Drug Cefprozil Using A Glassy Carbon Electrode**  
ÖZTÜRK G., KUL D., KİRAZ B., YARTAŞI B., AĞIN F.  
13. International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 22 June 2021
- IX. **Guaifenesinin Bor Katkılı Elmas Elektrot ile Voltametrik Analizi ve Farmasötik Dozaj Formundan ve Serumdan Tayini**  
ÖZTÜRK G., ÖZDEMİR E., BUDAK B., AĞIN F., KUL D.  
31. Ulusal Kimya Kongresi, Turkey, 10 - 13 September 2019
- X. **VOLTAMMETRIC ANALYSIS OF GUAIFENESIN WITH BORON DOPED DIAMOND ELECTRODE AND ITS DETERMINATION FROM PHARMACEUTICAL DOSAGE FORM**  
ÖZTÜRK G., AĞIN F., BUDAK B., ÖZDEMİR E., KUL D.  
Euroanalysis XX Conference, 1 - 05 September 2019
- XI. **Voltammetric Determination of An Antifungal Drug From Pharmaceutical Dosage Forms Using Modified Glassy Carbon Electrodes**  
ÖZTÜRK G., KUL D.  
12th Symposium on Pharmaceutical Sciences, 26 - 29 June 2018
- XII. **Voltammetric Determination of Ephedrine on Poly (Nile Blue) Modified Glassy Carbon Electrode in Pharmaceutical Dosage Forms and Urine Samples**  
AĞIN F., ÖZTÜRK G., KUL D.  
12th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2018
- XIII. **VOLTAMMETRIC DETERMINATION OF CETIRIZINE IN PHARMACEUTICALS BY DIFFERENTIAL PULSE AND SQUARE WAVE VOLTAMMETRIC METHODS**  
SOFU Ü., İFŞAT Z. D., ÖZTÜRK G., KUL D.  
12th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2018
- XIV. **Differential Pulse Voltammetric Determination of Terbinafine in Pharmaceuticals using Bromocresol Purple Modified Glassy Carbon Electrode**  
ÖZTÜRK G., KUL D.

3rd International Multidisciplinary Symposium on Drug Research and Development, Erzurum, Turkey, 5 - 07 October 2017, pp.63

**XV. Electroanalytical determination of donepezil from pharmaceuticals and serum using carbon paste electrode**

ÖZTÜRK G., KUL D.

3.İLAÇ VE ECZACILIK KONGRESİ, İstanbul, Turkey, 26 - 29 April 2017, pp.779

**XVI. Efedrinin poli (Nil mavisi) ile modifiye edilmiş camı karbon elektrot ile voltametrik analizi, farmasötik dozaj formundan tayini**

AĞIN F., ÖZTÜRK G., KUL D.

I. Ulusal Marmara Eczacılık Kongresi, İstanbul, Turkey, 3 - 05 November 2016

**XVII. Antibakteriyel İlaç Sefepimin Karbon Esaslı Elektrotlar ile Elektrokimyasal Oksidasyonu ve Farmasötiklerden ve Serumdan Kantitatif Tayini**

ÖZTÜRK G., KUL D.

8. Ulusal Analitik Kimya Kongresi, Isparta, Turkey, 30 May - 03 June 2016

**XVIII. Electrochemical oxidation of antibacterial drug cefepime and its quantitative determination from pharmaceuticals and serum with carbon based electrodes**

ÖZTÜRK G., KUL D.

11th INTERNATIONAL SYMPOSIUM ON PHARMACEUTICAL SCIENCES, Ankara, Turkey, 9 - 12 June 2015

## Supported Projects

Gökgöz İ., Öztürk G., TUBITAK Project, Antihipertansif İlaç Telmisartanın Elektrokimyasal Analiz Çalışmaları İçin En Uygun Çözelti Ortamının Araştırılması, 2024 - 2025

Arslan E., Öztürk G., TUBITAK Project, İndol Türevi Yeni Bir Bileşiğin Voltametrik Analizi İçin Optimum Koşulların Belirlenmesi, 2022 - 2023

ÖZGEN U., SEZEN KARAOĞLA E., ŞİŞMAN E., AĞIN F., KUL D., DOĞAN İ. S., TÜRK S., BADEM M., ÖZTÜRK G., ŞENER S. Ö., Project Supported by Higher Education Institutions, Origanum minutiflorum ve Origanum micranthumdan elde edilen ekstrelerde rosmarinik asidin spektrofotometrik ve elektrokimyasal analizi, 2022 - 2023

AĞIN F., ÖZTÜRK G., KUL D., Project Supported by Higher Education Institutions, Modifiye edilmiş camı karbon elektrot kullanılarak alfa-1 adrenerjik antagonistlerin elektrokimyasal analizi, 2018 - 2022

AĞIN F., KUL D., ÖZTÜRK G., HADİMLİ N. S., Project Supported by Higher Education Institutions, Poliakridin turuncusu modifiye camı karbon elektrot ile guaifenesinin voltametrik analizi, 2018 - 2019

## Metrics

Publication: 28

Citation (WoS): 39

Citation (Scopus): 43

H-Index (WoS): 3

H-Index (Scopus): 3

## Awards

Öztürk G., En İyi Poster Bildiri İkincilik Ödülü, 8. Ulusal Analitik Kimya Kongresi, May 2016

## Non Academic Experience

University of Rome Tor Vergata