

## ÖZGEÇMİŞ

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## EĞİTİM BİLGİLERİ

Ülke	Üniversite	Fakülte/Enstitü	Öğrenim Alanı	Derece	Mezuniyet Yılı
Türkiye	Ankara	Eczacılık Fakültesi	Eczacılık	Lisans	2008-2013
Türkiye	Ankara	Eczacılık Fakültesi	Analitik Kimya	Doktora	2016-Devam ediyor

## AKADEMİK/MESLEKTE DENEYİM

Kurum/Kuruluş	Ülke	Şehir	Bölüm/Birim	Görev Türü	Görev Dönemi
Adıyaman Üniversitesi	Türkiye	Adıyaman	Eczacılık Fakültesi Temel Bilimleri Bölümü Analitik Kimya Anabilim Dalı	Araştırma Görevlisi	2015-Devam ediyor
Ankara Üniversitesi	Türkiye	Ankara	Eczacılık Fakültesi Temel Bilimleri Bölümü Analitik Kimya Anabilim Dalı	Araştırma Görevlisi	2016-Devam ediyor

## YAYINLARI

### SCI, SSCI, AHCI indekslerine giren dergilerde yayınlanan makaleler

Leyla Karadurmus, Sevinc Kurbanoglu, Bengi Uslu, Sibel A. Ozkan, Electrochemical DNA Biosensors in Drug Analysis, Current Pharmaceutical Analysis, 2017, 13, 195-207
Leyla Karadurmus, Sevinc Kurbanoglu, Bengi Uslu, Sibel A. Ozkan Differential Pulse Voltammetric Determination Of Rosuvastatin Via Glassy Carbon Electrode, Rev. Roum. Chim., 2017, 62(6-7), 581-588
Leyla Karadurmus, Duru Kır, Sevinc Kurbanoglu, Sibel A. Ozkan, Electrochemical Analysis Of Antipsychotics, - Current Pharmaceutical Analysis, 2018 DOI : 10.2174/1573412914666180710114458

Leyla Karadurmus, I. Firat Sahin, Sevinc Kurbanoglu, Sibel A. Ozkan, Electrochemical Determination Of Non-Steroidal Anti-Inflammatory Drugs, - Current Analytical Chemistry, 2018 accepted.

Leyla Karadurmus, Mehmet Gumustas, Sevinc Kurbanoglu, Bengi Uslu, Sibel A. Ozkan, A novel core-shell based chromatographic method supported by ratio derivative spectrophotometric method for the simultaneous determination of perindopril, indapamide, and amlodipine ternary mixtures- Turkish Journal Of Chemistry, 2018, 42(5), 1408-1419.

Suniya SHAHZAD, burcu dogan-topal, Leyla KARADURMUS, Mehmet Caglayan, BENGI USLU, Afzal shah, Tugba Taskin Tok, Electrochemical, spectroscopic and molecular docking studies on the interaction of calcium channel blockers with dsDNA, - Bioelectrochemistry, 2018 accepted.

Leyla Karadurmus, Kaan Eşme, Nurgul K. Bakirhan, Sibel A. Ozkan Recent Electrochemical Assays on Cephalosporins- Current Pharmaceutical Analysis- 2018 accepted.

Göksu Ozcelikay, Leyla Karadurmus, Sariye Irem Kaya, Nurgul K. Bakirhan, Sibel A. Ozkan New Trends In Electrode Systems For Sensitive Drug And Biomolecule Analysis, Current Drug Therapy, 2018 accepted

### **Araştırma Projeleri**

Proje İsmi: Development of chromatographic and electrochemical methods for the analyses of Rosuvastatin and Ezetimib Combined Dosage

Proje Kadrosu: Dr. Sevinç Kurbanoğlu (Principal), Özgür Eşim, Leyla Karadurmuş(Researcher)

Finansman Kuruluş: Ankara University Research Fund

Proje Numarası: 17B0237002

Proje Bütçesi: 35,000.000TL

Proje Tarihi: 2017 – Devam Ediyor.

Mevlana Projesi (MEV-2017-52), Eylül 20 to Aralık 20, 2018) Department of Physical and Analytical Chemistry at Ivane Javakhishvili Tbilisi State University (Tbilisi, Georgia) (worked with Prof. Bezhan Chankvetadze)

### **Poster Sunumları**

1) Karadurmus Leyla, Kurbanoglu Sevinç, Uslu Bengi, Özkan Sibel A. (2016). Adsorptive stripping determination of Ezetimibe in pharmaceutical dosage forms and biological fluids. 3rd International Congress on Biosensors

2) Karadurmus Leyla, Kurbanoglu Sevinç, Uslu Bengi, Özkan Sibel A. (2016). Electrochemical determination of rosuvastatine and ezetimibe from human serum and urine. 3rd International Conference on

Analytical Chemistry

3) Karadurmus Leyla, Kurbanoglu Sevinç, Uslu Bengi, Özkan Sibel A. (2016). Electrochemical Determination of Rosuvastatin, 10th Aegean Analytical Chemistry Days 29 September-2 October, 2016, Çanakkale, Turkey.

4) Karadurmus Leyla, Kurbanoglu Sevinç, Uslu Bengi, Özkan Sibel A. (2016). Electrochemical determination of rosuvastatin and ezetimibe from human serum and urine, 3rd International Conference on Analytical Chemistry. Analytical Chemistry for a Better Life. 28-31 August 2016, Iași, Romania.

5) Leyla Karadurmus, Sevinc Kurbanoglu, Mehmet Gumustas, Bengi Uslu, Sibel A. Ozkan, Simultaneous Determination Of Perindopril, Indapamide And Amlodipine Ternary Mixtures Using Ratio Derivative Spectrophotometric Method, 28th Pharmaceutical and Biomedical Analysis Conference (PBA 2017), 2-5 July 2017, Madrid, Spain.

6) Leyla Karadurmus Sevinc Kurbanoglu, Afzal Shah, Sibel A. Ozkan, Nanoparticle Effect on Interaction of Epirubicin with DNA, 5th International Symposium on Sensor Science, 27-29 September 2017, Barcelona, Spain.

7) Leyla Karadurmus, Mehmet Gumustas, Sevinc Kurbanoglu, Bengi Uslu, Sibel A. Ozkan, Simultaneous Determination of Perindopril, Indapamide and Amlodipine in Pharmaceutical Dosage form by HPLC, Euroanalysis 2017, 28 August – 1 September 2017, Stockholm, Sweden.

8) Leyla Karadurmus, Sevinc Kurbanoglu, Afzal Shah, Sibel A. Ozkan, Electrochemical DNA Biosensor for The Interaction of Doxorubicin with DNA,(2018) 8th Black Sea Basin Conference On Analytical Chemistry, Istanbul, Turkey

9) Shahzad, S. Kurbanoglu, S.,Karadurmus, L., Shah, A., Ozkan, SA, (2018) Gold Nanoparticles Modified Screen Printed Electrode For Sensitive Detection/Enhanced Sensing Of Anticancer Drug Irinotecan-Dna Interaction

10) Leyla Karadurmus, Sevinc Kurbanoglu, Afzal Shah, Sibel A. Ozkan, (2018) Electrochemical Nanosensor For The Electrochemical Interaction Of Idarubicin With Dna, 12th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, on June 2018

11) Sibel A. Ozkan A, Nurgul K. Bakirhan, Anum Zahid, Leyla Karadurmus, Afzal Shah (2018) Esmolol Determination Using A Novel Electrochemical Nanosensor, 8th Black Sea Basin Conference On Analytical Chemistry, Istanbul, Turkey

12) Shahzad, S, Kurbanoglu, S, Karadurmus, L, Shah, A., Ozkan, SA. A Novel Dna Nanobiosensor Based On Graphene Oxide Decorated With Gold Nanoparticles For The Detection Of Dna Interaction With Anticancer Drug. 12th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, on June 2018

13) Karadurmus, L., Gumustas, M., Kurbanoglu, S., Uslu, B., Ozkan, SA. Comparison Between Liquid Chromatography And Ratio Derivative Spectrophotometry For The Simultaneous Determination Of

Perindopril, Indapamide, And Amlodipine Ternary Mixtures. 12th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, on June 2018

### **Sözlü Sunumlar**

Leyla Karadurmus, Sevinc Kurbanoglu, Suniya Shahzad, Afzal Shah, Sibel A. Ozkan, Electrochemical Analysis Of Anticancer Daunorubicin Using Multiwalled Carbon Nanotube Modified Edge Plane Carbon Electrode, East-West 2017, 12-14 October, Skopje, Macedonia.

Leyla Karadurmus, Sevinc Kurbanoglu, Suniya Shahzad, Afzal Shah, Sibel A. Ozkan, DESIGN OF A NANOSENSOR FOR THE ANALYSIS OF ANTI CANCER DRUG, 8th Annual Symposium on Physical and Analytical Chemistry (8th ASPAC), held from December 28th to 29th , 2017, in Tbilisi, Georgia

Leyla Karadurmus, Suniya Shahzad, Sevinc Kurbanoglu, Afzal Shah, Sibel A. Ozkan, Electrochemical investigation of anticancer drug Gemcitabine with calf thymus DNA, International scientific conference of students and young scientists “Chemistry Today and in Future”. 16-17 November 2018, in Tbilisi, Georgia