

Res. Assist. Dr. Sevinç KURBANOĞLU

Ankara University Faculty of Pharmacy
Department of Analytical Chemistry,
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PERSONAL INFORMATION

Nationality: TC
Birth Date and place : 09.05.1985 Bornova / İZMİR
Driving Licence : B
Marital Status: Married

ACADEMIC POSITION

Research and Teaching Assistant Ankara University Faculty of Pharmacy
2011 to Present Department of Analytical Chemistry

EDUCATION

2016-Continue **Post-Doc**
Ankara University, Faculty of Pharmacy, Department of Analytical
Chemistry & University of Potsdam, Institute of Biochemistry and
Biology
Project Title: Molecularly imprinted enzymes for drug analysis

2010-2016 **Degree – Ph.D. Analytical Chemistry**
Ankara University, Faculty of Pharmacy, Department of Analytical
Chemistry, Nanobioelectronics & Biosensors Group at Institut Català de
Nanociència i Nanotecnologia (ICN).
Advisor: Prof. Dr. Sibel A. Ozkan
Co-Advisor: Prof. Dr. Arben Merkoçi
Dr. Thesis Title: Design of Electrochemical Nanobiosensors and
Microchips to investigate the roles of some pharmaceuticals in
Tyrosinase Inhibition

2008-2010 **Degree- Master of Sci.-Physical Chemistry**
Middle East Technical University, Chemistry Department
Advisor: Prof. Dr. Levent Toppare
Co-Advisor: Assoc. Dr. Suna Timur
Msc. Thesis Title: Design of Microbial and Enzymatic Biosensors
Based on Conducting Polymers

2003-2008 **Degree-Bachelor of Sci.-Chemistry**
Middle East Technical University, Chemistry Department

1999-2003 Balıkesir Sırrı Yırcalı Anatolian High School

1995-1999 Tekirdağ Anatolian High School

WORK EXPERIENCES

| | |
|-----------------|---|
| 2011-To present | Research and Teaching Assistant, Ankara University, Faculty of Pharmacy, Department of Analytical Chemistry, Ankara, Turkey |
| 2010-2011 | Drogasın Pharmaceuticals R&D Analytical Specialist, Ankara, Turkey |
| August-2007 | ŞİŞECAM Glass Research Center, Topkapı, Istanbul |

RESEARCH EXPERIENCES

| | |
|------------------|--|
| 2010-To present | Prof. Dr. Sibel A. Özkan, Ankara University, Turkey Electrochemical Drug Analysis |
| 2016- To present | Visiting Post Doc Fellow Honorar-Prof. Dr. Frieder W. Scheller Molecularly imprinted enzymes for drug analysis |
| 2013 | Visiting Ph.D fellow Prof. Dr. Arben Merkoçi, Barcelona Autonomia University, Spain, Design of novel nanobiosensors to investigate the roles of pharmaceuticals in enzyme inhibition |
| 2009 | Visiting MSc fellow Prof Dr. Lo Gorton, Lund University, Lund, Sweden Biofuel cell design based on osmium polymers |
| 2008-2010 | Prof. Dr. Suna Timur, Ege University, İzmir, Turkey, Microbial biosensors based on conducting polymers |
| 2005-2010 | Prof. Dr. Levent Toppare, METU, Ankara, Turkey, Enzymatic biosensors based on conducting polymers |

AWARDS

- ✓ **2017 YÖK Outstanding Success Award,**
Best PhD Thesis in Health Sciences, September 2017.
- ✓ **Best Poster Award**
3rd International Congress on Biosensors, 5-7 October 2016, Ankara.
Sevinc Kurbanoglu, Lourdes Rivas, Sibel A. Ozkan, Arben Merkoçi.
Catechol determination using a novel electrochemical nanobiosensors
- ✓ **American Chemistry Society Best Oral Presentation Award**
3rd International Conference on Analytical Chemistry. Analytical
Chemistry for a Better Life. August 27-31, 2016, Yaş, Romania., Sevinc
Kurbanoglu, Lourdes Rivas, Sibel A. Ozkan, Arben Merkoçi, A dual
electrochemical nanobiosensor for the inhibition based detection of
captopril and catechol.
- ✓ **American Chemistry Society Best Oral Presentation Award**
2nd International Conference on Analytical Chemistry. Analytical
Chemistry for a Better Life. September 17-21, 2014, Targoviste,
Romania. Sevinc Kurbanoglu, Carmen C. Mayorga-Martinez, Mariana
Medina, Lourdes Rivas, Sibel A. Ozkan, Arben Merkoçi, Electrochemical
nanobiosensors for the dual catalytic/inhibition based biosensing of
methimazole and catechol.

AWARDS (Continues)

✓ **Ord. Prof. Dr. İlhami Cıvaoğlu Poster Presentation Award,**

9. International Electrochemistry Meeting, 25-29 September 2011, Çeşme, İzmir, Turkey, Sevinç Tunçağıl, Mehmet Gumustas, Burçin Bozal, Bengi Uslu, Sibel A. Özkan, Electrochemical Behavior of Epirubicin at Boron-Doped Diamond Electrode and Its Determination in the Presence of Surfactants

✓ **Poster presentation award**

The International Enzyme Engineering Symposium (IEES08), 1-5 October 2008, Kuşadası, Turkey, Sevinc Tuncagil, Serhat Varis, Levent Toppare, Conducting Polymers & Biosensors, A biosensor based on 1-(4-nitrophenyl)-2,5-di(2-thienyl)-1H pyrrole

✓ **Honour student 2007-2008 METU Chemistry Department**

CHAPTERS IN BOOKS

1. Özkan, S.A., Gümüştas, M., Tunçağıl, S., 2. Uygulamalı Elektrokimya Lisansüstü Yaz Okulu Kitabı. **Elektrokimyasal analizlerde analitik yöntem optimizasyonu ve validasyonu, Gökçel, İ.(Ed.), 95-118, 2012.**
2. Tunçağıl, S., Gümüştas, M., Özkan, S.A., 2. Uygulamalı Elektrokimya Lisansüstü Yaz Okulu Kitabı. **Anti Parkinson ilaç etken maddesi L-Dopa'nın elektrokimyasal analizi ve validasyonu, Gökçel, İ.(Ed.), 263-275, 2012.**
3. Sevinc Kurbanoglu, Bengi Uslu, Sibel A. Ozkan, *Elsevier*, Nanostructures for Oral Medicine, Chapter 28, **Carbon based nanostructures for electrochemical analysis of oral medicines**, 2017, 885-925
4. Sevinc Kurbanoglu, Bengi Uslu, Sibel A. Ozkan, Handbook of Food Bioengineering (Multi Volume Set) – *Elsevier* Vol 14. Advances In Biotechnology For Food Industry, **Validation of analytical methods for the assay of chemical and biological hazards in food**. In Press.
5. Sevinc Kurbanoglu, Bengi Uslu, Sibel A. Ozkan, Pharmaceutical nanotechnology (multi volume set) – *Elsevier*, Vol 27: Nanodevices, biosensors and biolabels, **Nanobiodevices for electrochemical biosensing of pharmaceuticals** In Press.
6. Ayhan Savaser, Ozgur Esim, Sevinc Kurbanoglu, Sibel A. Ozkan, Yalcin Ozkan, Pharmaceutical nanotechnology (multi volume set) – Elsevier, Vol 1: Hydrophobic and hydrophilic polymeric nanoparticles, **Current perspectives on drug release studies from polymeric nanoparticles** In Press.
7. Sevinc Kurbanoglu, Sibel A. Ozkan, Arben Merkoçi, Vol 2 “Novel Developments on Pharmaceutical and Biomedical Analysis, *Bentham Publisher*, **Electrochemical Biosensors in Pharmaceutical Analysis** In Press.
8. Sevinc Kurbanoglu, Ozgur Esim, Ayhan Savaser, Yalcin Ozkan, Sibel A. Ozkan, Novel Developments on Pharmaceutical and Biomedical Analysis, *Bentham Publisher*, **Advances in validated chromatographic assay of solid dosage forms and their drug dissolution studies**. In Press.
9. Sevinc Kurbanoglu, Sibel A. Ozkan, **Smart nanobiosensors in pharmaceutical area: recent advances and future challenges**, *Hacettepe Journal of Biology and Chemistry*, In Press.

PROJECTS

1. PROJECT NAME: Use of Conductive polymers and nanomaterials for the design of immobilization platforms for different enzyme sensors

PROJECT STAFF: Prof. Dr. Levent TOPPARE, Assoc. Prof. Dr. Suna Timur, Sevinç Tunçağıl, (**Researcher**)

FUNDING ORGANIZATION: TÜBİTAK

PROJECT NUMBER:/1002 108T999

PROJECT BUDGET: 25.000,000 TL

PROJECT DATES: 2009-2010

2. PROJECT NAME: Design of Electrochemical Nanobiosensors to Investigate the roles of some Pharmaceuticals in Tyrosinase Inhibition

PROJECT STAFF: Prof. Dr. Sibel A. ÖZKAN,

Sevinc Kurbanoglu (**Researcher**)

FUNDING ORGANIZATION: Ankara University Research Fund

PROJECT NUMBER: 14L0237002

PROJECT BUDGET: 25.000,000 TL

PROJECT DATES: 2014 – 2015

3. PROJECT NAME: Electrochemical investigation of interaction of the antipsychotic drug aripiprazole with DNA and damage DNA

PROJECT STAFF: Prof. Dr. Sibel A. ÖZKAN (Ank. Üniv.), Dr. Burcu Doğan Topal, Sevinç Kurbanoglu (**Researcher**)

FUNDING ORGANIZATION: Ankara University Research Fund

PROJECT NUMBER: 15H0237001

PROJECT BUDGET: 9.500,000 TL

PROJECT DATES: 2015 – 2016

4. PROJECT NAME: Design of a nanobiosensor for the investigation of inhibiton effects of sildenafil drug active compound on tyrosinase enzyme

PROJECT STAFF: Dr. Sevinç Kurbanoglu (**Principal**)

FUNDING ORGANIZATION: Ankara University Research Fund

PROJECT NUMBER: 17H0237005

PROJECT BUDGET: 19.000,000 TL

PROJECT DATES: 2017-Continues

5. PROJECT NAME: Design of flow injection analysis systems for drug analysis

PROJECT STAFF: Dr. Sevinç Kurbanoglu (**Researcher**), Dr. Altay Ünal, Assoc. Dr. Fikret Arı

FUNDING ORGANIZATION: Ankara University Research Fund

PROJECT BUDGET: 120.500,000TL

PROJECT NUMBER: 17A0237001

PROJECT DATES: 2017- Continues

6. PROJECT NAME: Development of chromatographic and electrochemical methods for the analyses of Rosuvastatin and Ezetimib Combined Dosage

PROJECT STAFF: Dr. Sevinç Kurbanoglu (**Principal**), Özgür Eşim, Leyla Karadurmuş

FUNDING ORGANIZATION: Ankara University Research Fund

PROJECT NUMBER: 17B0237002

PROJECT BUDGET: 35,000.000TL

PROJECT DATES: 2017 – Continues

**PUBLISHED
ARTICLES**

1. **Sevinc Kurbanoglu**, Sibel A. Ozkan, Electrochemical carbon based nanosensors: A promising tool in pharmaceutical and biomedical analysis, *Journal of Pharmaceutical and Biomedical Analysis*, DOI 10.1016/j.jpba.2017.06.062.
2. **Sevinc Kurbanoglu**, Sibel A. Ozkan, A Novel Enzymatic Biosensor for the Detection of Catechol Using Multi-walled Carbon Nanotubes and Gold Nanowires, *Electrocatalysis*, DOI 10.1007/s12678-017-0408-4.
3. 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
4. Leyla Karadurmus, **Sevinc Kurbanoglu**, Bengi Uslu, Sibel A. Ozkan, Electrochemical DNA Biosensors in Drug Analysis, *Current Pharmaceutical Analysis*, 2017, 13, 195-207
5. Ozgur Esim, Ayhan Savaser, **Sevinc Kurbanoglu**, Cansel K. Ozkan, Sibel A. Ozkan, Yalcin Ozkan, Development of assay for determination of eletriptan hydrobromide in loaded PLGA nanoparticles, *Journal of Pharmaceutical and Biomedical Analysis* 142 (2017) 74–83
6. **Sevinc Kurbanoglu**, Ozgur Esim, Cansel K. Ozkan, Ayhan Savaser, Yalcin Ozkan, Sibel A. Ozkan, Determination Of Dihydroergotamine Via LC Method Coupled With Fluorescence Detection In Pharmaceutical Film Preparations, *Rev. Roum. Chim.*, 2017, 62(6-7), 517-523
7. Aysu Yarman, **Sevinc Kurbanoglu**, Katharina J. Jetzschmann, Sibel A. Ozkan, Ulla Wollenberger, Frieder W. Scheller, Electrochemical MIP-Sensors for Drugs, *Current Medicinal Chemistry*, In press.
8. **Sevinc Kurbanoglu**, Sibel A. Ozkan, Arben Merkoçi, Nanomaterials-Based Enzyme Electrochemical Biosensors Operating Through Inhibition For Drug Analysis, Safety And Security Applications, *Biosensors and Bioelectronics*, 2017, 89, 886–898
9. **Sevinc Kurbanoglu**, Lourdes Rivas, Sibel A. Ozkan, Arben Merkoçi, Electrochemically Reduced Graphene And Iridium Oxide Nanoparticles For Inhibition-Based Angiotensin-Converting Enzyme Inhibitor Detection, *Biosensors and Bioelectronics*, 2017, 88, 122-129.
10. Burcin Bozal Palabiyik **Sevinc Kurbanoglu**, Bengi Uslu, Sibel A. Ozkan, Petr Zuman, Diffusion, Adsorption And Electrode Kinetics Of Electro-Oxidatons On A Stationary Solid Electrode, *Electroanalysis*, 2016, 28, 1 – 10
11. Cansel Kose Ozkan, **Sevinc Kurbanoglu**, Ozgur Esim, Ayhan Savaser, Sibel A. Ozkan, Yalcin Ozkan, A Novel Rp-Lc Method For The Simultaneous Determination Of Two Combined Tablet Form Of Amlodipine, *Chromatographia*, 2016, 79:1143–1151
12. **Sevinc Kurbanoglu**; Burcu Dogan-Topal, Eva Plata Rodriguez; Burcin Bozal-Palabiyik; Sibel Ozkan; Bengi Uslu, Advances in electrochemical DNA biosensors and their interaction mechanism with pharmaceuticals, *Journal of Electroanalytical Chemistry*, 775 (2016) 8–26

**PUBLISHED
ARTICLES**

(Continues)

13. Hacer Azak, **Sevinç Kurbanoglu**, Huseyin Bekir Yildiz, Sibel A. Ozkan, Electrochemical Glucose Biosensing via New Generation DTP Type Conducting Polymers/Gold Nanoparticles/Glucose Oxidase Modified Electrodes, *Journal of Electroanalytical Chemistry*, 770 (2016) 90–97
14. Cansel Köse Özkan, Özgür Eşim, **Sevinç Kurbanoglu**, Ayhan Savaşer, Sibel Özkan, Yalçın Özkan Development of a Suitable Simultaneous Dissolution Method for the Combined Tablet Formulation of Atorvastatin and Ezetimibe by RP-LC Method, *Current Drug Delivery*, 2016, 13, 424-432.
15. **Sevinc Kurbanoglu**, Burcin Bozal Palabiyik, Mehmet Gumustas, Bengi Uslu and Sibel A. Ozkan, Investigation of voltammetric behavior and electroanalytical determination of anticancer epirubicin via glassy carbon electrode using differential pulse and square wave voltammetry techniques *Revue Roumanie de Chimie*, 60 (5-6), (2015) 491-499
16. **Sevinc Kurbanoglu**, Levent Toppare Ethanol Biosensor Based On Immobilization of Alcohol Oxidase in a Conducting Polymer Matrix via Crosslinking With Glutaraldehyde, *Revue Roumanie de Chimie*, 60 (5-6), (2015) 453-460
17. **Sevinc Kurbanoglu**, Burcu Dogan-Topal, Lenka Hlavata, Jan Labuda, Sibel A. Ozkan, Bengi Uslu Electrochemical investigation of an interaction of the antidepressant drug aripiprazole with original and damaged calf thymus dsDNA, *Electrochimica Acta* 169 233–240, 2015
18. **Sevinc Kurbanoglu**, Carmen C. Mayorga-Martinez, Mariana Medina-Sánchez, Lourdes Rivas, Sibel A. Ozkan, Arben Merkoçi Antithyroid drug detection using an enzyme cascade blocking in a nanoparticle-based lab-on-a-chip system. *Biosensors and Bioelectronics* 67, 670–676, 2015
19. Carmen C. Mayorga-Martinez, Flavio Pino, **Sevinc Kurbanoglu**, Lourdes Rivas, Sibel A. Ozkan, Arben Merkoçi, Iridium oxide nanoparticle induced dual catalytic/inhibition based detection of phenol and pesticide compounds. *J. Mater. Chem. B*, 2, 2233-2239, 2014.
20. **Sevinc Kurbanoglu**, Paula Rodriguez San Miguel, Bengi Uslu, Sibel A. Ozkan Stability Indicating UPLC Method for the Determination of Bisoprolol Fumarate and Hydrochlorothiazide: Application to Dosage Forms and Biological Sample, *Chromatographia*, 77, 365-371, 2014
21. **Sevinc Kurbanoglu**, Amir M. Ashrafi, Karel Vytřas, Bengi Uslu, Ozkan S.A., Determination and Validation of the Antiviral Drugs using Reverse Phase High Performance Liquid Chromatographic Method, *Current Drug Therapy*, 2014, 9, 256-260
22. Amir M. Ashrafi, **Sevinc Kurbanoglu**, Karel Vytřas, Bengi Uslu, Sibel A. Ozkan Electrochemical mechanism and sensitive assay of antiretroviral drug Abacavir in biological sample using multiwalled carbon nanotube modified pyrolytic graphite electrode, *Journal of Electroanalytical Chemistry*, 712, 178-184, 2014

**PUBLISHED
ARTICLES**

(Continues)

23. Ziya Bayrak, **Sevinc Kurbanoglu**, Ayhan Savaser, Sibel A. Ozkan, Hikmet Altunay, Cetin Tas, Cansel Kose Ozkan, Yalcin Ozkan, A novel and stability indicating LC-MS method for the sensitive determination of Metoclopramide: Application to rabbit plasma, gel formulations and pharmaceuticals, *Chromatographia*, 77, 99-107, 2014.
24. **Sevinc Kurbanoglu**, Mehmet Gumustas, Sibel A. Ozkan, Simultaneous Determination and Validation of Some Binary Mixtures Of Antihypertensive Drugs Using Ratio Derivative Spectrophotometric Method, *Journal of Analytical Chemistry*, 69, 935-941, 2014.
25. **Sevinc Kurbanoglu**, Burcin Bozal-Palabiyik, Mehmet Gumustas, Senem Kamacı, Bengi Uslu, Sibel A. Ozkan, Development and validation of a stability-indicating RP-LC method for the determination of anticancer drug epirubicin in pharmaceuticals, *Journal of Liquid Chromatography and Related Technologies*, 37, 1583–1596, 2014.
26. Burcin Bozal-Palabiyik, **Sevinc Kurbanoglu**, Mehmet Gumustas, Bengi Uslu, Sibel A. Ozkan Electrochemical approach for the sensitive determination of anticancer drug epirubicin in pharmaceuticals in the presence of anionic surfactant, *Revue Roumanie de Chimie*, 58, 647-658, 2013.
27. Mehmet Gumustas, **Sevinc Kurbanoglu**, Bengi Uslu, Sibel A. Ozkan UPLC versus HPLC on Drug Analysis: Advantageous, Applications and Their Validation Parameters, *Chromatographia*, 76, 1365-1427, 2013.
28. **Sevinc Kurbanoglu**, Mehmet Gumustas, Bengi Uslu, Sibel A. Ozkan A Novel, Sensitive and Selective RP-LC Method for the Simultaneous Determination of the Antihypertensive Drugs, Enalapril, Lercanidipine, Nitrendipine and Their Validation, *Chromatographia*, 76, 1477-1485, 2013.
29. Alaa M. T. Al Laylaa, Özlem Türkarlan, **Sevinc Kurbanoglu**, Saddalah T. Sulaiman, K. A. Al-Flayeh, Levent Toppare, A New Amperometric Biosensor for Diamine: Use of a Conducting Polymer Layer, *Journal of Macromolecular Science Part A-Pure and Applied Chemistry* 50, 914-922, 2013.
30. **Sevinc Kurbanoglu**, Burcu Dogan-Topal, Bengi Uslu, Alp Can, Sibel A. Ozkan, Electrochemical investigations of anticancer drug idarubicin using multi-walled carbon nanotubes modified glassy carbon and pyrolytic graphite electrodes, *Electroanalysis*, 25, 1473–1482, 2013.
31. **Sevinc Kurbanoglu**, Mehmet Gumustas, Sibel A. Ozkan, Simultaneous Estimation and Validation of Some Binary Mixtures of Antihypertensive Drugs by RP-LC Methods Using Two New Generation Silica Columns. *Journal of Pharmaceutical and Biomedical Analysis*, 72, 198-20, 2013.
32. Simla Tanriverdi, **Sevinc Tuncagil**, Levent Toppare, A New Amperometric Alcohol Oxidase Biosensor Based on Conducting Polymer of (4,7-Dithien-2-yl-2, 1,3-benzothiadiazole) *Journal of Macromolecular Science Part A-Pure and Applied Chemistry* 49, 185-190, 2012.

**PUBLISHED
ARTICLES**

(Continues)

33. **Sevinc Tuncagil**, Caglar Özdemir, Dilek Odaci, Suna Timur, Levent Toppare, Gold nanoparticle modified conducting polymer of 4-(2,5-di(thiophen-2-yl)-1H-pyrrole-1-l) benzenamine for potential use as a biosensing material, *Food Chemistry* 127, 1317-322, 2011.
34. Caglar Özdemir, **Sevinc Tuncagil**, Dilek Odaci, Suna Timur, Levent Toppare, Design of Carbon Nanotube Modified Conducting Polymer for Biosensing Applications, *Journal of Macromolecular Science Part A-Pure And Applied Chemistry* 48, 503-508, 2011.
35. Suheda Isikli, **Sevinc Tuncagil**, Ayhan Bozkurt, Levent Toppare, Immobilization of Invertase in a Novel Proton Conducting Poly(vinylphosphonic acid) - poly(1-vinylimidazole) Network, *Journal of Macromolecular Science, Part A Pure and Applied Chemistry*, 47, 639-646, 2010.
36. **Sevinc Tuncagil**, Serhat Varis, Levent Toppare, Design of a biosensor based on 1-(4-nitrophenyl)-2,5-di(2-thienyl)-1H pyrrole, *Journal of Molecular Catalysis B Enzymatic* 64, 195-199, 2010.
37. Huriye Erdogan, **Sevinc Tuncagil**, Levent Toppare, L-Dopa Synthesis on Conducting Polymers *Journal of Macromolecular Science, Part A Pure and Applied Chemistry*, 47, 209-214, 2010.
38. **Sevinc Tuncagil**, Dilek Odaci, Serhat Varis, Suna Timur, Levent Toppare, Electrochemical polymerization of 1-(4-nitrophenyl)-2,5-di(2-thienyl)-1 H-pyrrole as a novel immobilization platform for microbial sensing, *Bioelectrochemistry*, 76, 169-174, 2009
39. **Sevinc Tuncagil**, Senem Kiralp Kayahan, Gulay Bayramoglu, M. Yakup Arica, Levent Toppare, L-Dopa synthesis using tyrosinase immobilized on magnetic beads, *Journal of Molecular Catalysis B: Enzymatic*, 58, 187-193, 2009.
40. **Sevinc Tuncagil**, Dilek Odaci, Ersin Yildiz, Suna Timur, Levent Toppare, Design of a microbial sensor using conducting polymer of 4-(2,5-di(thiophen-2-yl)-1H-pyrrole-1-l) benzenamine, *Sensors and Actuators B: Chemical*, 137, 42-47, 2009.
41. **Sevinc Tuncagil**, Senem Kiralp, Serhat Varis, Levent Toppare Immobilization of invertase on a conducting polymer of 1-(4-nitrophenyl)-2,5-di(2-thienyl)-1H-pyrrole, *Reactive and Functional Polymers*, 68, 2008, 710-717.

**ORAL
PRESENTATIONS**

1. **Sevinc Kurbanoglu**, Sibel A. Ozkan, Electrochemical nanobiosensor for the detection of catechol, East West Chemistry Congress, 12-14 October 2017, Skopje, **Macedonia**
2. **Sevinc Kurbanoglu**, Lourdes Rivas, Sibel A. Ozkan, Arben Merkoçi Electrochemical Nanobiosensor for the Tyrosinase Inhibition via phosphodiesterase type 5 inhibitor: Sildenafil 10th German Biosensor Symposium (10th DBS), 20-23 March 2017 Potsdam **Germany**
3. **Sevinc Kurbanoglu**, Lourdes Rivas, Sibel A. Ozkan, Arben Merkoçi (2016). A dual electrochemical nanobiosensor for the inhibition based detection of captopril and catechol, 3rd International Conference on Analytical Chemistry. Analytical Chemistry for a Better Life. 28-31 August, Yaş, **Romania**.
4. Cansel Kose Ozkan, **Sevinc Kurbanoglu**, Ozgur Esim, Ayhan Savaser, Sibel A. Ozkan, Yalcin Ozkan, A novel RP-LC method for the simultaneous determination of two combined tablet form of amlodipine, 143rd Symposium Of Hplc And Related Techniques (HPLC 2015), 21-25 September Beijing, **China**, 2015
5. **Sevinc Kurbanoglu**, Burcu Dogan-Topal, Lenka Hlavata, Jan Labuda, Sibel A.Ozkan, Bengi Uslu, Detection of Damaged DNA-Antidepressant Drug Interaction Through Electrochemical DNA Biosensor, 26th International Symposium on Pharmaceutical and Biomedical Analysis, 5-8 July 2015, Tiflis, **Georgia**, 2015.
6. **Sevinc Kurbanoglu**, Carmen C. Mayorga-Martinez, Mariana Medina, Lourdes Rivas, Sibel A. Ozkan, Arben Merkoçi Design of a Lab-on-a-chip system for the detection of Antithyroid drug using an enzyme cascade blocking in a nanoparticle-based, XXIII International Symposium on Bioelectrochemistry and Bioenergetics, 14-18 June 2015, Malmö, **Sweden**
7. **Sevinc Kurbanoglu**, Carmen C. Mayorga-Martinez, Mariana Medina, Lourdes Rivas, Sibel A. Ozkan, Arben Merkoçi, Electrochemical nanobiosensors for the dual catalytic/inhibition based biosensing of methimazole and catechol, 2nd International Conference on Analytical Chemistry. Analytical Chemistry for a Better Life. 17-21 September 2014, Targoviste, **Romania**.
8. **Sevinc Kurbanoglu**, Burcu Dogan-Topal, Lenka Hlavata, Jan Labuda, Sibel A. Ozkan, Bengi Uslu, Electrochemical interaction of antidepressant drug aripiprazole with DNA and DNA damage induced by UV-C radiation and chemical agents, 11-15 June 2014 - Malmö, **Sweden**.
9. **Sevinc Kurbanoglu**, Amir M. Ashrafi, Karel Vytřas, Bengi Uslu, Sibel A. Ozkan, Electrochemical mechanism and sensitive assay of antiretroviral drug Abacavir in biological sample using multiwalled carbon nanotube modified pyrolytic graphite electrode, Symposium of the Analytical Division of SPQ-2014, 14-15 April 2014, Coimbra, **Portugal**.

**ORAL
PRESENTATIONS**

(Continues)

10. **Sevinc Tuncagil**, Burcu Dogan Topal, Bengi Uslu, Sibel A. Ozkan, Carbon nanotube modified electrodes for electrochemical assay of idarubicine, 1st International Conference on Analytical Chemistry, 18-21 September, 2012, Targoviste- **Romania**.
11. **Sevinc Tuncagil**, Senem Kiralp Kayahan, Gulay Bayramoglu, M. Yakup Arica, Levent Toppare, Tyrosinaz enzimi tutuklanmış manyetik kürelerde L-Dopa sentezi, VII. Ulusal Kromatografi Kongresi, VII. Ulusal Kromatografi Kongresi, 13-15 June 2007, Kırıkkale, **Turkey**
12. **Sevinc Tuncagil**, Dilek Odaci, Suna Timur, Levent Toppare, 4-(2,5-di(tiyofen-2-yl)-1h-pirol-1-l) benzenamin iletken polimerinin mikrobiyal sensör platformu olarak kullanımı 13. Ulusal Biyomedikal Mühendisliği Kongresi, 28-31 May 2008, ODTU, Ankara, **Turkey**.

**POSTER
PRESENTATIONS**

1. **Sevinc Kurbanoglu**, Ozgur Esim, Cetin Tas, Ayhan Savaser, Sibel A. Ozkan, Yalcin Ozkan, Determination of Indomethacin in Ethyl Cellulose Nanoparticles by High Performance Liquid Chromatography, East West Chemistry Congress, skopje, 12-14 October 2017, **Macedonia**.
2. **Sevinc Kurbanoglu**, Sibel A. Ozkan, Tyrosinase Immobilization In Multi Walled Carbon Nanotube And Gold Nanowires Matrice For Catechol Detection, 5th International Symposium on Sensor Science, 27-29 September 2017, Barcelona, **Spain**.
3. 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**.
4. 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, Stokholm, Sweden.
5. Bengi Uslu, Goksu Ozcelikay, **Sevinc Kurbanoglu**, Burcin Bozal-Palabiyik, Sibel A. Özkan, MWCNT/CdS quantum dot modified glassy carbon electrode for the determination of Clopidogrel bisulfate in tablet dosage form and serum samples, Euroanalysis 2017, 28 August – 1 September 2017, Stokholm, **Sweden**.
6. **Sevinc Kurbanoglu**, Ozgur Esim, Ayhan Savaser, Cansel Kose Ozkan, Sibel A. Ozkan, Yalcin Ozkan, Determination of anti-migraine drug from loaded polymeric nanoparticles via high performance liquid chromatography, Euroanalysis 2017, 28 August – 1 September 2017, Stokholm, **Sweden**.

**POSTER
PRESENTATIONS**

(Continues)

7. 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**.
8. **Sevinc Kurbanoglu**, Ozgur Esim, Cansel Kose Ozkan, Ayhan Savaser, Sibel A. Ozkan, Yalcin Ozkan, Lc-Ms Method Development For Determination Of Dihydroergotamine From Pharmaceutical Film Preparations And Rabbit Plasma Samples For Drug Delivery Applications, 28th Pharmaceutical and Biomedical Analysis Conference (PBA 2017), 2-5 July 2017, Madrid, **Spain**.
9. **Sevinc Kurbanoglu**, Lourdes Rivas, Sibel A. Ozkan, Arben Merkoçi (2016). Catechol determination using a novel electrochemical nanobiosensor, 3rd International Congress on Biosensors, 5-7 October 2016, Ankara, **Turkey**.
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 39. **Sevinc Tuncagil**, Serhat Varis, Levent Toppare, Conducting Polymers & Biosensors, A biosensor based on 1-(4-nitrophenyl)-2,5-di(2-thienyl)-1H pyrrole, International Symposium on Enzyme Engineering, 1-5 October 2008, Kuşadası, **Turkey**
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SOCIAL ACTIVITIES AND RESPONSIBILITIES

2*Diver, 2016- continue
Amateur Painter 2010-continue
ANK. UNI. Res. Ass. Vice Delegate (2013- 2014)
ANK. UNI. 50/d Res. Ass. Vice Delegate (2013-2014)
11th International Symposium on Pharmaceutical Sciences 2015 Social Comm.
10th International Symposium on Pharmaceutical Sciences 2010 Social Comm.
METU Chemistry Department Student Delegate (2008- 2009)
METU Science Institute Student Vice Delegate (2008- 2009)
METU R&D Social Club Member
METU R&D 1. and 2. R&D Days Organization Comm. (2007-2008)
METU Chemistry Department Student Delegate (2005- 2006)
METU Chemistry Society (2005-2008)
METU Chemistry Society President (2006-2007)
METU Chemistry Society Secretary (2005-2006)
METU 6. & 7 Chemistry Weeks Organization
Hellenic, Greece, Wild Animals Protection Hospital, Volunteer,-2005
METU Communication Society, Volunteer Maths Teacher in İmrahor Vil.-2004

MEMBERSHIPS

International Society of Electrochemistry
Bioelectrochemistry Society
American Chemical Society