

Curriculum Vitae

PERSONAL DATA

Name Surname: Mehmet GUMUSTAS
Address: Ankara University Faculty of Pharmacy, Department of Analytical Chemistry, Tandogan, Ankara
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Position: Post Doc. Researcher /Research and Teaching Assistant

EDUCATION

2016-Continue **Post-Doc Researcher**
Ankara University, Faculty of Pharmacy, Department of Analytical Chemistry

2010-2016 **Ph.D. Degree**
Ankara University, Faculty of Pharmacy, Department of Analytical Chemistry
Thesis: Investigation of chiral behaviors of beta agonist active pharmaceutical ingredients
Advisors: Prof. Dr. Sibel A. Ozkan & Prof. Dr. Bezhana Chankvetadze

2008-2010 **MSc Degree**
Ankara University, Faculty of Pharmacy, Department of Analytical Chemistry
Thesis: Simultaneous determination of angiotensin converting enzyme inhibitory and calcium channel blocker drugs by high performance liquid chromatography techniques
Advisor: Prof. Dr. Sibel A. Ozkan

2004-2008 **Bachelor Degree**
Suleyman Demirel University, Faculty of Arts&Sciences, Department of Chemistry

PUBLICATIONS

International Peer Reviewed Papers (SCI and SCI Expanded)

1. **Gumustas, M.**, Ozkan, S.A., Electrochemical evaluation and determination of antiretroviral drug fosamprenavir using boron-doped diamond and glassy carbon electrodes. *Analytical and Bioanalytical Chemistry*, 397(1), 189-203, 2010.
2. Kul, D., **Gumustas, M.**, Uslu, B., Ozkan, S.A., Electroanalytical characteristics of antipsychotic drug ziprasidone and its determination in pharmaceuticals and serum samples on solid electrodes. *Talanta*, 82(1), 286-295, 2010.
3. Shirinzadeh H., Yilmaz A.D., **Gumustas, M.**, Suzen S., Ozden S., Ozkan, S.A., Electrochemical behaviour of indole-3-carboxaldehyde izonicotinoyl hydrazones: Discussion on possible biological behavior. *Combinatorial Chemistry and High Throughput Screening*, 13(7), 619-627, 2010.
4. **Gumustas, M.**, Şanlı, S., Şanlı, N., Ozkan, S.A., Determination of pKa values of some antihypertensive drugs by liquid chromatography and simultaneous assay of lercanidipine and enalapril in their binary mixtures. *Talanta*, 82(4), 1528-1537, 2010.
5. Sanli, N., Sanli, S., Sizir, U., **Gumustas, M.**, Ozkan, S.A., Determination of pKa values of cefdinir and cefixime by LC and spectrophotometric methods and their analysis in pharmaceutical dosage forms. *Chromatographia*, 73(11-12), 1771-1776, 2011.
6. Sanli, S., Sanli, N., **Gumustas, M.**, Karadas, N., Özkan, S.A., Aboul Enein, H.Y., Simultaneous estimation of ceftazidime and ceftizoxime in pharmaceutical formulations by HPLC method. *Chromatographia*, 74(7-8), 549-558, 2011.
7. Karadas, N., Sanli, S., **Gumustas, M.**, Ozkan, S.A., Voltammetric and RP-LC assay for determination of benidipine HCl. *Journal of Pharmaceutical and Biomedical Analysis*, 66, 116-125, 2012.
8. **Gumustas, M.**, Sanli, S., Sanli, N., Ozkan, S.A., Development and validation of a liquid chromatographic method for concurrent assay of weakly basic drug verapamil and amphoteric drug trandolapril in pharmaceutical formulations. *Journal of Food and Drug Analysis*, 20(3), 588-596, 2012.
9. **Gumustas, M.**, Karadas, N., Ozkan, S.A., Validated electroanalytical and RP-LC assay of ertapenem in its pharmaceutical dosage form. *Revue Roumanie de Chimie*, 58(7-8), 679-690, 2013.
10. Bozal-Palabiyik, B., Kurbanoglu, S., **Gumustas, M.**, Uslu, B., Ozkan, S.A., Electrochemical approach for the sensitive determination of anticancer drug epirubicin in pharmaceuticals in the presence of anionic surfactant. *Revue Roumanie de Chimie*, 58(7-8), 647-658, 2013.
11. Bozal B., **Gumustas, M.**, Dogan-Topal, B., Uslu B., Ozkan S.A., Fully validated simultaneous determination of bisoprolol fumarate and hydrochlorothiazide in their dosage forms using different voltammetric, chromatographic, and spectrophotometric analytical methods. *Journal of AOAC International*, 96(1), 42-51, 2013.
12. Kurbanoglu, S., **Gumustas, M.**, Ozkan, S.A., 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, 198-201, 2013.

13. **Gumustas, M.**, Özkan, S.A., A validated stability-indicating RP-LC method for the simultaneous determination of amlodipine and perindopril in tablet dosage form and their stress degradation behaviour under ICH-recommended stress conditions. *Journal of AOAC International*, 96(4), 751-757, 2013.
14. Ashrafi, A.M., **Gumustas, M.**, Vytřas, K., Nematollahi D., Uslu, B., Mikysek, T., Jirasko, R., Ozkan, S.A., Determination and detailed mechanism study of antiviral drug fosamprenavir using carbon paste electrode in the presence of Triton X-100. *Electrochimica Acta*, 109, 381-388, 2013.
15. **Gumustas, M.**, Kurbanoglu, S., Uslu, B., Ozkan, S.A., UPLC versus HPLC on drug analysis: Advantageous, applications and their validation parameters. *Chromatographia*, 76(21-22), 1365-1427, 2013.
16. Kurbanoglu, S, **Gumustas, M.**, Uslu, B., Ozkan, S.A., A sensitive and selective RP-LC method for the simultaneous determination of the antihypertensive drugs, enalapril, lercanidipine, nitrendipine and their validation. *Chromatographia*, 76(21-22), 1477-1485, 2013.
17. Suzen, S., Tekiner-Gulbas, B., Shirinzadeh, H., Uslu, D., Gurer-Orhan, H., **Gumustas, M.**, Ozkan, S.A., Antioxidant activity of indole-based melatonin analogues in erythrocytes and their voltammetric characterization. *Journal of Enzyme Inhibition and Medicinal Chemistry*, 28(6), 1143-1155, 2013.
18. Kurbanoglu, S., Bozal-Palabiyik, B., **Gumustas, M.**, Şanlı, S., Uslu, B., Ozkan SA., 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(11), 1583–1596, 2014.
19. Kurbanoglu, S, **Gumustas, M.**, Ozkan, S.A., Simultaneous determination and validation of some binary mixtures of antihypertensive drugs using ratio derivative spectrophotometric method. *Journal of Analytical Chemistry*, 69(10), 935-941, 2014.
20. Kilicarslan M., **Gumustas, M.**, Yildiz S., Baykara T. Preparation and Characterization of Chitosan-Based Spray-Dried Microspheres for the Delivery of Clindamycin Phosphate to Periodontal Pockets, *Current Drug Delivery*, 11, 98-111, 2014.
21. **Gumustas, M.**, Sengel-Turk C., Hascicek C., Ozkan S.A., Optimization of a Validated Stability-Indicating RP-LC Method for the Determination of Fulvestrant from Polymeric Based Nanoparticle Systems, *Drugs and Biological Samples, Biomedical Chromatography*, 28, 1409-1417, 2014.
22. Thormann W, Chankvetadze L, **Gumustas, M.**, Chankvetadze B., Dynamic computer simulation of electrophoretic enantiomer migration order and separation in presence of a neutral cyclodextrin, *Electrophoresis*, 35, 2833-2841, 2014.
23. **Gumustas, M.**, Uslu, B., Ozkan, S.A., Aboul-Enein H.Y., Validated stability-indicating HPLC and UPLC assay methods for the determination of entacapone in pharmaceutical dosage forms. *Chromatographia*, 77, 1721-1726, 2014.
24. Canan Hascicek, Ceyda T. Sengel-Turk, **Mehmet Gumustas**, Sibel A. Ozkan, Filiz Bakar, Net Das-Evcimen, Ayhan Savaser and Yalcin Ozkan, Influence of

- Polymer Molecular Weight on in-vitro Characteristics and Cytotoxicity of Fulvestrant Loaded Nanoparticles, *Current Drug Therapy*, 9, 239-249, 2014.
25. Kaskatepe B., Yildiz S., **Gumustas, M.**, Ozkan S.A. Biosurfactant production of in kefir and fish meal. *Brazilian Journal of Microbiology*. 46, 855-859, 2015.
 26. Kiyimaci, M.E., Gumustas, A., **Gumustas, M.**, Akin, A., Ozkan, S.A., Comparative Study For The Determination Of Gemifloxacin By HPLC And Microbiological Methods From Pharmaceutical Preparations And Biological Samples. *Current Pharmaceutical Analysis*, 11, 193-200, 2015.
 27. Karadas, N, **Gumustas, M.**, Uslu, B., Ozkan, S.A., Simultaneous Determination of Amlodipine Besylate and Rosuvastatin Calcium in Binary Mixtures by Voltammetric and Chromatographic Techniques, *Ionics*. 22, 277-288, 2016.
 28. **Gumustas, M.**, Coskun, G., Ozkan, S.A., Selective and sensitive determination of repaglinide In pharmaceuticals by voltammetric and LC methods, *Revue Roumanie de Chimie*, 60 (5-6), 477-490, 2015.
 29. Ozen, G., **Gumustas, M.**, Satana Kara, E., Gunden Goger, N., Uslu, B., Ozkan, S.A., Quantitative determination of isoconazole nitrate and diflucortolone valerate in pharmaceutical creams by UPLC, HPLC and improved derivative UV spectrophotometry, *Revue Roumanie de Chimie* , 60(5-6), 527-536, 2015.
 30. Kurbanoglu, S., Bozal-Palabiyik, B., **Gumustas, M.**, Uslu, B., Ozkan S.A., Investigation of voltammetric behaviour and electroanalytic determination of anticancer epirubicin via glassy carbon electrode using differential pulse and square wave voltammetry techniques, *Revue Roumanie de Chimie* , 60(5-6), 491, 2015.
 31. **Gumustas, M.**, Çiçek Polat, D., Kılıç, C.S., Akalın, K., Ozkan, S.A., Coşkun, M., Comparison of Seeds of *Colchicum speciosum* Steven and *Gloriosa superba* Linn. in respect to Colchicine and Colchicoside Contents via RP-LC, *Nat. Prod. Commun.* 11, 397-400, 2016.
 32. **Gumustas, M.**, Alshana, U., Ertas, N., Goger, N. G., Ozkan, S. A.,Uslu, B. Determination of antazoline and tetrahydrozoline in ophthalmic solutions by capillary electrophoresis and stability-indicating HPLC methods. *Journal of Pharmaceutical and Biomedical Analysis*, 124, 390-398, 2016.
 33. Algan, A. H., **Gumustas, M.**, Karatas, A.,Ozkan, S. A. A selective and sensitive stability-Indicating HPLC method for the validated assay of etoposide from commercial dosage form and polymeric tubular nanocarriers. *Journal of Pharmaceutical and Biomedical Analysis*, 124, 382-389, 2016.
 34. **Gumustas, M.**, Ozkan, S.A., Chankvetadze, B. (2016) Separation and elution order of the enantiomers of some B-Agonists using polysaccharide-based chiral columns and normal phase eluents by high performance liquid chromatography. *Journal of Chromatography A*, 1467:297-305.
 35. **Gumustas, M.**, Sengel-Turk, T., Badilli, U., Amasya, G., Ozkan, S.A., Tarimci, N., optimization of stability indicating LC method for the sensitive in vitro determination from solid lipid nanoparticles and ex vivo analysis from rat skin of Etofenamate, *Current Pharmaceutical Analysis* 13, 63-71, 2017.
 36. Kaskatepe B., Yildiz S., **Gumustas, M.**, Ozkan S.A. Rhamnolipid production by *Pseudomonas putida* IBS036 and *Pseudomonas pachastrellae* LOS20 with using pulps. *Current Pharmaceutical Analysis*. 13, 138-144, 2017.

37. Canan Hascicek, Ceyda T. Sengel-Turk, **Mehmet Gumustas**, Sibel A. Ozkan, Filiz Bakar, Net Das-Evcimen, Ayhan Savaser and Yalcin Ozkan, Fulvestrant-loaded polymer-based nanoparticles for local drug delivery: Preparation and in vitro characterization, *Journal of Drug Delivery Science and Technology*, 40, 73-82, 2017.

International Peer Reviewed Papers

1. **Gumustas, M.**, Özkan, S.A., The role of and the place of method validation in drug analysis using electroanalytical techniques. *The Open Analytical Chemistry Journal*, 5, 1-21, 2011.
2. **Gumustas, M.**, Ozkan, S.A., Development and validation of an RP-LC method for the determination of granisetron in dosage forms. *Asian Chemistry Letters*, 16(1), 23-30, 2011.
3. **Gumustas, M.**, Özkan, S.A., Simple, sensitive and reliable LC-DAD method of gemifloxacin determination in pharmaceutical dosage forms. *Turkish Journal of Pharmaceutical Sciences*, 9(2), 161-170, 2012.
4. Demiralay, C.E, **Gumustas, M.**, Canbay H., Validation of method for simultaneous determination of paracetamol and phenylephrine in pharmaceutical formulation by reversed phase liquid chromatography, *Pharmacie Globale (IJCP)*, 2(6), 9, 2011.

POSTER PRESENTATIONS

International Poster Presentations

1. **Mehmet GUMUSTAS**, Senem Şanlı, Nurullah Şanlı, S.A. Ozkan 'Simultaneous Determination of Enalapril and Lercanidipine by HPLC-DAD Technique in Pharmaceutical Dosage Forms' (ISC 2010), 12-16 September 2010, Valencia, SPAIN. Abstract P-270, 2010
2. **Mehmet GUMUSTAS**, Burcin Bozal, Burcu Dogan-Topal, Sibel A. Ozkan, Bengi Uslu 'Optimization of LC Methods for the Simultaneous Determination of Bisoprolol and Hydrochlorothiazide in Their Pharmaceutical Dosage Forms' (ISC 2010), 12-16 September 2010, Valencia, SPAIN. Abstract P-288, 2010
3. **Mehmet Gumustas**, Sibel A. Ozkan 'Development of a Validated LC Method For The Simultaneous Determination Of Amlodipine and Perindopril in Their Commercial Dosage Forms' (ISC 2010), 12-16 September 2010, Valencia, SPAIN. Abstract P-304, 2010.
4. **Mehmet Gumustas**, Sibel A. Ozkan 'Electrochemical Evaluation and Determination of Antiretroviral Drug Fosamprenavir in Pharmaceutical Dosage Forms and Biological Samples' (Euro Analysis 2009), 06-10 September 2010, Innsbruck, AUSTRIA. Abstract P-123, 2009
5. **Mehmet Gumustas**, Sibel A. Ozkan Electrochemical Oxidation of Antiretroviral Drug Fosamprenavir at Glassy Carbon Electrode and Its Direct determination in Pharmaceutical Dosage Forms by Square Wave and Differential Pulse Voltammetry (5 th Blacksea Basin Conference on Analytical Chemistry), Fatsa/ORDU)

6. **Mehmet Gumustas**, Sibel A. ÖZKAN Anodic voltammetry of antiretroviral drug fosamprenavir at boron-doped diamond and glassy carbon electrodes and its determination (8th International Electrochemistry Meeting), Çolaklı/ANTALYA)
7. Hanif Shirinzadeh, **Mehmet Gumustas**, Seçkin Özden, Sibel Süzen, Sibel A. Özkan, Synthesis and investigation of electrochemical behaviour of n-methylindole-3-carboxaldehyde izonicotinoyl hydrazone(9th International Symposium on Pharmaceutical Sciences (ISOPS-9), AnkaraUniversity/ANKARA,23-26 June 2009)
8. Senem Şanlı, **Mehmet Gumustas**, Meltem Savaş, Nurullah Şanlı, Güleren Alsancak, The UV-spectroscopy method for determination of dissociation constants of several cephalosporins in water (International Symposium on Drug Research and Development, Hacettepe University/ANKARA, 4-7 May 2009)
9. **Mehmet Gumustas**, Sibel A. Ozkan A Novel Sensor for Antibiotic Drug Ertapenem Based on Electrochemical Oxidation Using Boron Doped Diamond Electrode (ISE 2011), 8-11 May 2011, Turku, Finland, Abstract P-20,2011.
10. Bengi Uslu, Burcin Bozal, **Mehmet Gumustas**, Burcu Dogan Topal, Sibel A. Ozkan Analytical Applications Of Voltammetric Methods For The Simultaneous Determination Of Bisoprolol Fumarate And Hydrochlorothiazide In Their Dosage Forms, (ISE 2011), 8-11 May 2011, Turku, Finland, Abstract P-114,2011.
11. **Mehmet Gumustas**, Sibel A. OZKAN Development Of Validated RP-HPLC Method For The Estimation Of Gemifloxacin From Tablet Dosage Form (DRD 2011), 27-29 May 2011, Antalya, Turkey, Abstract P-043,2011.
12. **Mehmet Gumustas**, Sibel A. Ozkan Determination Of Granisetron By HPLC-DAD Technique In Pharmaceutical Dosage Forms (DRD 2011), 27-29 May 2011, Antalya, Turkey, Abstract P-044,2011.
13. Nurgül Karadaş, **Mehmet Gumustas**, Sibel A. Özkan, Electrochemical Oxidation of Benidipine at Glassy Carbon Electrode and Its Direct Determination in Pharmaceutical Dosage Forms, (9.Uluslararası Elektrokimya Kongresi), 25-29 September 2011, İzmir, Turkey, Abstract P-012, 2011
14. 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, (9.Uluslararası Elektrokimya Kongresi), 25-29 September 2011, İzmir, Turkey, Abstract P-044, 2011
15. Sevinç Tunçağıl, **Mehmet Gumustas**, Burçin Bozal, Bengi Uslu, Sibel A. Özkan, Understanding Electrochemical Mechanism of Epirubicin on Glassy Carbon Electrode via Model Pharmaceuticals, (9. International Conference on Electrochemistry), 25-29 September 2011, İzmir, Turkey, Abstract P-072, 2011
16. Sevinç Tunçağıl, **Mehmet Gumustas**, Burçin Bozal, Bengi Uslu, Sibel A. Özkan, Determination of anticancer drug epirubicine in pharmaceutical preparations via glassy carbon electrode, (14. International Conference on Electrochemistry), 3-7 June 2012, Portoroz, Slovenia, Abstract P2-9, 214, 2012.
17. Gokce Coskun, **Mehmet Gumustas**, Sibel A. Özkan, Electrochemical behavior and determination of antidiabetic drug repaglinide at glassy carbon electrode (14.

- International Conference on Electrochemistry), 3-7 June 2012, Portoroz, Slovenia, Abstract P2-10, 215, 2012.
18. Hanif Shirinzadeh, Çiğdem Karaaslan, Betül Tekiner-Gulbas, Ayse Didem Yılmaz, **Mehmet Gumustas**, Sibel A. Özkan, Sibel Suzen, Investigation on electrochemical behavior of indole-hydrazones. (10th International Symposium on Pharmaceutical Sciences (ISOPS-10), Ankara University/ANKARA,26-29 June 2012), Abstract P125, 200, 2012.
 19. **Mehmet Gumustas**, Senem Şanlı, Nurullah Şanlı, Sibel A. Özkan, Simultaneous determination of trandolapril and verapamil in pharmaceutical formulations. 10th International Symposium on Pharmaceutical Sciences (ISOPS-10), Ankara University/ANKARA,26-29 June 2012), Abstract P196, 272, 2012.
 20. Ceyda Sibel Kılıç, Abdullah Kaya, Halil Solak, Mustafa Işıloğlu, Fahrettin Gücin, **Mehmet Gumustas**, Maksut Coşkun, Psilocin and psilocibin content of some *Psathyrella* spp. Growing in Turkey, 10th International Symposium on Pharmaceutical Sciences (ISOPS-10), Ankara University/ANKARA,26-29 June 2012), Abstract P298, 375, 2012.
 21. **Mehmet Gumustas**, Ceyda Sibel Kılıç, Abdullah Kaya, Halil Solak, Mustafa Işıloğlu, Fahrettin Gücin, Maksut Coşkun, Psilocin And Psilocibin Contents Of Some *Panaeolus* Spp. Growing In Turkey, 13th International Congress of the Society of Ethnopharmacology, September 2-6, 2012 in Graz, Austria
 22. M. Kılıçarslan, **M. Gumustas**, T. Baykara, Effect of drug/polymer ratio on the characteristics of clindamycin phosphate loaded spray dried chitosan Microspheres prepared for periodontal administration. 16th IPTS on September 10 – 12, 2012 in Antalya, Turkey. Abstract P31, 170-172.
 23. Sevinc Tuncagil, **Mehmet Gumustas**, Sibel A. Ozkan, Simultaneous estimation and validation of some binary mixtures of antihypertensive drugs by RP-LC method. 1 st International Conference on Analytical Chemistry RO-ICAC 2012, September 18-21, 2012 in Targoviste, Romania.
 24. Lali Chankvetadze, **Mehmet Gumustas**, Sibel A. Ozkan, Salvatore Fanali, Bezhn Chankvetadze, Application of Novel Core-shell Type Polysaccharide-based Chiral Stationary Phases for Separation of Enantiomers in Nano Liquid Chromatography and Capillary Electrochromatography, 29th International Symposium on Micro Scale Bioseparations (MSB 2013), 10-14 March, 2013, Charlottesville, VA, ABD.
 25. A. M. Ashrafi, **M. Gumustas**, K. Vytras, D. Nematollahi, B. Uslu, T. Mikysek, R. Jirasko, S. A. Ozkan, Determination and mechanism study of antiviral drug fosamprenavir using carbon paste electrode in the presence of Triton X- 100, 24 th International Symposium on Pharmaceutical and Biomedical Analysis,PBA 2013, Bologna, Italy.
 26. Lali Chankvetadze, **Mehmet Gumustas**, Sibel A. Ozkan, Salvatore Fanali, Bezhn Chankvetadze, Application of Novel Core-shell Type Polysaccharide-based Chiral Stationary Phases for Separation of Enantiomers in Nano Liquid Chromatography and Capillary Electrochromatography, 6th Black Sea Basin Conference on Analytical Chemistry (6BBCAC), 10-14 September, 2013, Trabzon, Turkey, P160.

27. **Mehmet Gumustas**, Sibel A. Ozkan, Bezhan Chankvetadze, HPLC separation of enantiomers of chiral β -agonist derivatives using polysaccharide based chiral columns, ITP 2013, 6-9 October 2013, Tenerife, Spain. PS1-23, 145.
28. Merve Eylul Bozkurt, Aysen Gumustas, **Mehmet Gumustas**, Ahmet Akin, Sibel A. Ozkan, microbiological and HPLC method for the determination of gemifloxacin in pharmaceutical preparations and biological samples, ITP 2013, 6-9 October 2013, Tenerife, Spain, PS1-26, 148.
29. 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, ITP 2013, 6-9 October 2013, Tenerife, Spain, PS2-16, 213.
30. **Mehmet Gumustas**, Sibel A. Ozkan, Lali Chankvetadze, Bezhan Chankvetadze, Application of Novel Core-shell Type Polysaccharide-based Chiral Stationary Phases for Separation of Enantiomers in Nano Liquid Chromatography, 30th International Symposium on Micro Scale Bioseparations (MSB 2014), 27 April-1 May, 2014, Pecs, Hungary. P-24, 95.
31. **Mehmet Gumustas**, Sibel A. Ozkan, Bezhan Chankvetadze, Enantiomeric separation of chiral β -agonist derivatives with using normal phase eluents by HPLC, PBA 2014, 23-25 June 2014, Liege, Belgium. CS-13.
32. Nurgul Karadas, **Mehmet Gumustas**, Bengi Uslu, Sibel A. Ozkan, Simultaneous determination of amlodipine and rosuvastatin in pharmaceuticals by LC and voltammetric techniques, PBA 2014, 23-25 June 2014, Liege, Belgium. PQ-21.
33. Gokce Coskun Abbasoglu, **Mehmet Gumustas**, Sibel A. Ozkan, A comparative determination study of repaglinide by HPLC, UPLC and electrochemical methods. 2nd International Conference on Analytical Chemistry RO-ICAC 2014, September 17-21, 2014, Targoviste, Romania.
34. Aysen Gumustas, Merve Eylul Bozkurt, **Mehmet Gumustas**, Ahmet Akin, Sibel A. Ozkan, Comparative study for the determination of Gemifloxacin by HPLC and microbiological methods from pharmaceutical preparations and biological samples. 2nd International Conference on Analytical Chemistry RO-ICAC 2014, September 17-21, 2014, Targoviste, Romania. S4-P02.
35. Canan Hascicek, Ceyda Tugba Sengel Turk, **Mehmet Gumustas**, Sibel A. Ozkan, Ayhan Savaser, Yalcin Ozkan, Fabrication of Fulvestrant loaded modified released nanoparticles: comparison of copolymer molecular weight, 13th European symposium on controlled drug delivery, April 16-18, 2014, Egmond aan Zee, Netherlands. 121-122.
36. Canan Hascicek, Ceyda Tugba Sengel Turk, Filiz Bakar, Net Das-Evcimen, **Mehmet Gumustas**, Sibel A. Ozkan, Ayhan Savaser, Yalcin Ozkan, Fulvestrant loaded PLGA nanoparticles: influence of polymer copolymer composition on in-vitro properties and anti-proliferative potencies against MCF-7 breast cancer cells, 17th International Pharmaceutical Technology symposium, September 8-10, 2014, Antalya, Turkey, 203.
37. Canan Hascicek, Ceyda Tugba Sengel Turk, Filiz Bakar, Net Das-Evcimen, **Mehmet Gumustas**, Sibel A. Ozkan, Ayhan Savaser, Yalcin Ozkan, Fabrication of Fulvestrant loaded modified released nanoparticles: effect of copolymer molecular weight on particle characteristics, 4th International Meeting on

Pharmacy Pharmaceutical Sciences (IMPPS-4), September 18-21, 2014, Istanbul, Turkey. PP 138.

38. B. Kaskatepe, S. Yildiz, **M. Gumustas**, S.A. Ozkan, rhamnolipid production by pseudomonas spp. In pulps, 11th International Symposium on Pharmaceutical Sciences (ISOPS 2015), June 9-12, 2015, Ankara, Turkey, OP-32, 60.
39. **M. Gumustas**, M.G. Caglayan, F. Onur, S.A. Ozkan, Development of a capillary electrophoresis method for the determination of emtricitabine, rilpivirine and tenofovir from biological samples, 11th International Symposium on Pharmaceutical Sciences (ISOPS 2015), June 9-12, 2015, Ankara, Turkey, P-31, 95.
40. **Mehmet Gumustas**, Bengi Uslu, Sibel A. Ozkan, Optimization and validation of a RP-LC method for the sensitive determination of antazoline and tetrahydrozoline, 26th International Symposium on Pharmaceutical and Biomedical Analysis (PBA 2015), July 5-8, 2015, P23.
41. **Mehmet Gumustas**, M. Gokhan Caglayan, Feyyaz Onur, Sibel A. Ozkan, Determination of emtricitabine, rilpivirine and tenofovir from biological samples with using LC and CE methods, 26-th International Symposium on Pharmaceutical and Biomedical Analysis (PBA 2015), July 5-8, 2015, P24.
42. Gulin Amasya, **Mehmet Gumustas**, Ceyda Tuba Sengel-Turk, Ulya Badilli, Sibel A. Ozkan, Nilufer Tarimci, Optimization of sensitive and selective RP-LC method for the determination of Etofenamate from rat skin, The European Conference on Analytical Chemistry 18, Euroanalysis 2015, September 6-10, Bordeaux, France, 2015, P272.
43. Aysen Gumustas, **Mehmet Gumustas**, B. Bugra Barut, Sibel A. Ozkan and Bengi Uslu, the effect of core-shell particles on chromatographic determination and optimization of dutasteride and tamsulosin, 43rd Symposium of HPLC and related techniques (HPLC 2015), September 21-25, Beijing, China, 2015, pp. 165, P12.
44. **Mehmet Gumustas**, M. Gokhan Caglayan, Sibel A. Ozkan, chromatographic investigation and simultaneous determination of some antiviral pharmaceuticals from biological samples, International multidisciplinary symposium on Drug Research & Development 15 (DRD 2015), October 15-17, Eskisehir, Turkey, pp. 96, P26.
45. **Mehmet Gumustas**, Sibel A. Ozkan, Bezhan Chankvetadze, Separation of Enantiomers of Butoxamine Using Polysaccharide Based Chiral Columns with Emphasis on Enantiomer Elution Order, International Conference: 10th Aegean Analytical Chemistry Days, AACD 2016, 29 September-2 October 2016, Çanakkale, Turkey
46. **Mehmet Gumustas**, Derya Ozgur, Sibel A. Ozkan, Simultaneous Estimation of Irbesartan, and Hydrochlorothiazide in Their Binary Mixture by HPLC and UPLC, International Conference: 10th Aegean Analytical Chemistry Days, AACD 2016, 29 September-2 October 2016, Çanakkale, Turkey
47. Canan Hascicek, Ceyda Tugba Sengel Turk, Filiz Bakar, Net Das-Evcimen, **Mehmet Gumustas**, Sibel. A Ozkan, Ayhan Savaser, Yalcin Ozkan, Antiproliferative Potential of Nanoparticle-Based Delivery System of Fulvestrant on MCF-7 Human Breast Cancer Cells, AAPS 2016, 13-17 November, Denver, USA

48. **Mehmet Gumustas**, Sibel A. Ozkan, Bezhan Chankvetadze, Enantiomeric separation of beta-adrenergic agonists by HPLC with polysaccharide-based chiral columns using various mobile phases, 27-th International Symposium on Pharmaceutical and Biomedical Analysis (PBA 2016), 13-16 November 2016. Guangzhou/Çin
49. Cem Erkmén, **Mehmet Gumustas**, Sibel A. Ozkan, Bengi Uslu, The role of HILIC separation for the simultaneous determination of some antivirals, 27-th International Symposium on Pharmaceutical and Biomedical Analysis (PBA 2016), 13-16 November 2016. Guangzhou/China
50. Nadia Bounoua, **Mehmet Gumustas**, Khaled Sekkoum, Nasser Belboukhari, Abdelkrim Cheriti, Sibel A. Ozkan, Bezhan Chankvetadze Development Sensitive and Selective HPLC Method for the Separation and Validation of Enantiomers of Miconazole, IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, 26-29 Nisan 2017 Istanbul, Turkey
51. 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
52. Bengi Uslu, Nurgul K. Bakirhan, **Mehmet Gumustas**, Sibel A. Ozkan, A Validated Voltammetric Assay for Simultaneous Detection of Amlodipine Besylate and Rosuvastatin Calcium in binary mixtures, 28th Pharmaceutical and Biomedical Analysis Conference (PBA 2017), 2-5 July 2017, Madrid, Spain
53. Gulín Amasya; **Mehmet Gumustas**, Ulya Badıllı; Nilufer Tarımcı; Sibel A. Ozkan, Optimization and validation of HPLC method for the determination of 5-fluorouracil from lipid nanoparticles and rat skin extracts, 28th Pharmaceutical and Biomedical Analysis Conference (PBA 2017), 2-5 July 2017, Madrid, Spain
54. **Mehmet Gumustas**, Nadia Bounoua, Khaled Sekkoum, Nasser Belboukhari, Sibel A. Ozkan, Bezhan Chankvetadze, HPLC separation of enantiomers of some antifungals using covalently immobilized polysaccharide-based chiral selectors and polar organic mobile phases, 28th Pharmaceutical and Biomedical Analysis Conference (PBA 2017), 2-5 July 2017, Madrid, Spain
55. 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
56. **Mehmet Gumustas**, Nadia Bounoua, Khaled Sekkoum, Nasser Belboukhari, Sibel A. Ozkan, Bezhan Chankvetadze. Bazı antifungallerin enantiyomerlerinin kovalent olarak immobilize edilmiş polisakkarit temelli kiral seçiciler ve polar organik hareketli faz kullanarak HPLC ile ayrılması. Chromatography 17, 20-22 September 2017, Corum, Turkey
57. Nadia Bounoua, Khaled Sekkoum, **Mehmet Gumustas**, Nasser Belboukhari, Sibel A. Ozkan, Bezhan Chankvetadze, Enantiomeric Separation of Chiral Antifungal Drugs with Using Polar Organic Phase by HPLC, East West Chemistry Conference, 12-14 October 2017, Skopje. Macedonia

National Poster Presentations

1. **Mehmet Gumustas**, Senem ŞANLI, Nurullah ŞANLI, Sibel A. ÖZKAN, Fosamprenavir'in farmasötik dozaj formlarından RP-HPLC yöntemiyle miktar tayini, Kromatografi Sempozyumu 2009 Trabzon.
2. **Mehmet Gumustas**, Sibel A. OZKAN Oseltamivir' in Farmasötik Dozaj formlarından Ters Faz YPSK Yöntemiyle Miktar Tayini (Kromatografi 2011), 7-10 September 2011, Diyarbakır, Türkiye,
3. Sevinç Tunçağıl, **Mehmet Gumustas**, Sibel A. Özkan, Yeni nesil kolonlarla antihipertansif ilaç etken maddeler için eş zamanlı tayin yöntemleri ve validasyonu, 6. Ulusal Analitik Kimya Kongresi (3-7 September Antakya) Abstract P254, 296, 2012.
4. **Mehmet Gumustas**, Ceyda Sibel Kılıç, Abdullah Kaya, Halil Solak, Mustafa Işıloğlu, Fahrettin Gücin, Maksut Coşkun, Türkiye'de yetişen bazı inocybe (inocybaceae) türlerinin psilosin ve psilosibin içeriği, BIHAT 2012, 10-13 October, Antalya, Turkey.
5. **Mehmet Gumustas**, Derya Cicek Polat, Arabaci Anul S., Ceyda Sibel Kılıç, Akalin K., Maksut Coşkun, Colchicum speciosum Steven ve Gloriosa superba Linn. Türleri Tohumlarının YBSK Yöntemi ile Kolşisin ve Kolşikozit İçerikleri Açısından Karşılaştırılması, BIHAT 2012, 10-13 October, Antalya, Turkey
6. **Mehmet Gumustas**, Ceyda Tugba Sengel Turk, Canan Hascicek, Sibel. A Ozkan, Kanser tedavisinde kullanılan Fulvestrant'ın ters faz sıvı kromatografik yöntemle analizi, Kromatografi 2013, 19-22 June 2013, Bursa, Turkey.
7. **Mehmet Gumustas**, Sibel A. Özkan, Bezhan Chankvetadze, Separation of chiral β -agonist derivative enantiomers using High Performance Liquid Chromatography, 7. Ulusal Analitik Kimya Kongresi (1-5 September, Kahraman Maraş), 142, 2014.
8. Banu Kaşkatepe, Sulhiye Yıldız, **Mehmet Gümüştas**, Sibel Aysıl Özkan. Hastane enfeksiyonu etkeni Pseudomonas aeruginosa suşlarında biyosümfaktan üretimi. 36. Türk Mikrobiyoloji Kongresi. 12-16 November, 2014, Antalya
9. **Mehmet Gumustas**, Ceyda Tugba Sengel Turk, Canan Hascicek, Sibel. A Ozkan, Filiz Bakar, Net Das-Evcimen, Ayhan Savaser, Yalcin Ozkan, Fulvestrantin Ters Faz Sıvı Kromatografik Yöntemle Biyolojik Sıvılar ve Polimerik Bazlı Nanopartiküllerden Analizi, 15. Ulusal Kromatografi Kongresi (Kromatografi 2015), 40, 8-10 April 2015, Usak, Turkey
10. Sevinc Kurbanoglu, **Mehmet Gumustas**, Sibel. A Ozkan, Antihipertansif Enalapril, Lerkanidipin, Nitrendipin in TF-SK ile Es Zamanlı Tayin Yöntemleri ve Validasyonu, 15. Ulusal Kromatografi Kongresi (Kromatografi 2015), 138, 8-10 April, 2015, Usak, Turkey
11. Memis, H., **Gumustas, M.**, Uslu, B., Ozkan, S. A., Entakapon'un Farmasötik Dozaj Formundan UV Spektrofotometrik Tayini, 8. Ulusal Analitik Kimya Kongresi 30 May-3 June 2016, Isparta, Turkey.
12. İsbilir, İ, **Gumustas, M.**, Uslu, B., Ozkan, S. A., Tenofovirin Farmasötik Dozaj Şeklinden Analizi için UV Spektrofotometrik Yöntem Geliştirilmesi, 8. Ulusal Analitik Kimya Kongresi 30 May-3 June 2016, Isparta, Turkey.

13. Konuralp, H., Memis, H., **Gumustas, M.**, Uslu, B., Ozkan, S. A., Valgansiklovir'in UV Spektrofotometrik Yöntemle Analizi ve Validasyonu, 8. Ulusal Analitik Kimya Kongresi 30 May-3 June 2016, Isparta, Turkey.
14. **Gumustas, M.**, Ozgur, D., Ozkan, S. A., İrbesartan ve Hidroklorotiyazidin Ypsk ve Upsk ile Eş Zamanlı Analizi, 8. Ulusal Analitik Kimya Kongresi 30 May-3 June 2016, Isparta, Turkey.
15. **Gumustas, M.**, Ozkan, S. A., Chankvetadze, B., Ritodrin Enantiyomerlerinin Ayrımı için YPSK Yöntemi Geliştirilmesi, 8. Ulusal Analitik Kimya Kongresi 30 May-3 June 2016, Isparta, Turkey.
16. Erkmén, C., **Gumustas, M.**, Uslu, B., Ozkan, S. A., oseltamivir'in farmasötik dozaj şekillerinden tayininde core-shell parçacıkların etkisi, 8. Ulusal Analitik Kimya Kongresi 30 May-3 June 2016, Isparta, Turkey.
17. Barut, B.B., Gumustas, A., **Gumustas, M.**, Ozkan, S.A., Uslu, B., Dutasterit ve Tamsulosin'in Eş Zamanlı Kromatografik Analizi, 8. Ulusal Analitik Kimya Kongresi 30 May-3 June 2016, Isparta, Turkey.

ORAL PRESENTATIONS

International Conferences

1. **Mehmet Gumustas**, Sibel A. Ozkan, Bezhan Chankvetadze, Separation of enantiomers of chiral beta-agonists in capillary electrophoresis and high-performance liquid chromatography 4th Annual Symposium on Physical and Analytical Chemistry, December 29 and 30, 2014 Tbilisi, Georgia (Invited)
2. **Mehmet Gumustas**, Sibel A. Ozkan, Bezhan Chankvetadze, Comparative capillary electrophoresis and HPLC separation of enantiomers of selected chiral β -Agonists, 31st International Symposium on Micro Scale Bioseparations (MSB 2015), April 26-29, 2015, Pudong, Shanghai, China (Invited)
3. **Mehmet Gumustas**, Sibel A. Ozkan, Bezhan Chankvetadze, Separation the enantiomers of selected chiral β -agonists derivatives from the view point of high performance liquid chromatography and capillary electrophoresis, 26th International Symposium on Pharmaceutical and Biomedical Analysis (PBA 2015), July 5-8, 2015. Tbilisi, Georgia (Invited)
4. **Mehmet Gumustas**, Sibel A. Ozkan, Bezhan Chankvetadze, Enantiomeric separation of beta-adrenergic agonists by HPLC with polysaccharide-based chiral columns using various mobile phases, 27th International Symposium on Pharmaceutical and Biomedical Analysis (PBA 2016), 13-16 November 2016. Guangzhou/China
5. **Mehmet Gumustas**, Sibel A. Ozkan, Bezhan Chankvetadze, HPLC separation of enantiomers of some beta-agonists by using polysaccharide-based chiral columns, 7th Annual Symposium on Physical and Analytical Chemistry, 28-29 November 2016, Tbilisi, Georgia (Invited)
6. **Mehmet Gumustas**, Gulín Amasya, Ulya Badilli, Sibel A Ozkan, Nilufer Tarimci, Validation of a HILIC Method for the Analysis of 5-Fluorouracil Loaded Lipid Nanoparticles and Application to In Vitro and Ex Vivo Tests, East West Chemistry Conference, 12-14 October 2017, Skopje. Macedonia.

National Conferences

1. **Mehmet Gumustas**, Bengi Uslu, Sibel A. Özkan, Antiparkinson etkili maddelerin farmasötik dozaj formundan HPLC yöntemiyle eş zamanlı miktar tayini. Ulusal Analitik Kimya Kongresi (3-7 September Antakya, Turkey). 18, 27, 2012.
2. **Mehmet Gumustas**, Ceyda Tugba Sengel Turk, Canan Hascicek, Sibel. A Ozkan, Filiz Bakar, Net Das-Evcimen, Ayhan Savaser, Yalcin Ozkan, Fulvestrantin Ters Faz Sivi Kromatografik Yöntemle Biyolojik Sıvılar ve Polimerik Bazlı Nanopartiküllerden Analizi, 15. Ulusal Kromatografi Kongresi (Kromatografi 2015), 8-10 Nisan 2015, Usak, Turkey

BOOK CHAPTERS AND DICTIONARIES

1. **Gümüştas, M.**, Özkan, S.A., Genç, L.(Ed.), Elektrokimyasal Dedektörlü Yüksek Performanslı Sıvı Kromatografisi, Kromatografik Sistemler, Anadolu Üniversitesi BİBAM yayınları, 2011. ISBN:9789750608865
2. Uslu, B., **Gümüştas, M.**, Savaşer, A., Özkan, Y., Özkan, S. A., Sözlük Dergisi, 3 (2), Analiz terimleri sözlüğü, 2012. ISSN:1308-1500 (Dictionary about terms of Analysis)
3. Özkan, S.A., **Gümüştas, M.**, Tunçağıl, S., Gökçel, İ.(Ed.), 2. Uygulamalı Elektrokimya Lisansüstü Yaz Okulu Kitabında Bölüm: Elektrokimyasal analizlerde analitik yöntem optimizasyonu ve validasyonu, 95-118, 2012.
4. Tunçağıl, S., **Gümüştas, M.**, Özkan, S.A., Gökçel, İ.(Ed.), 2. Uygulamalı Elektrokimya Lisansüstü Yaz Okulu Kitabında Bölüm: Anti Parkinson ilaç etken maddesi L-Dopa'nın elektrokimyasal analizi ve validasyonu, 263-275, 2012.
5. Uslu, B., **Gümüştas, M.**, Bozal- Palabiyik B. Savaşer, A., Özkan, Y., Özkan, S. A., Sözlük Dergisi, 6 (2), Eczacılık Terimleri Sözlüğü, İlaç Analizleri Terimleri, 2015 (Kabul tarihi: June, 2016; Basım tarihi: Aralık, 2016). ISSN:1308-1500 (Dictionary of terms of Pharmaceutical Analysis)
6. Sengel-Turk C. T., **Gumustas, M.**, Uslu B., Ozkan S. A. 2017. 10 - Nano-Sized Drug Carriers for Oral Delivery of Anti-Cancer Compounds and The Place of The Chromatographic Techniques - Grumezescu, A. M. (Ed.). Nano- and Microscale Drug Delivery Systems 1st Edition Design and Fabrication. Elsevier, Netherlands.
7. **Gumustas, M.**, Sengel-Turk C. T., Gumustas A., Ozkan S. A., Uslu B. 2017. 5 - Effect of Polymer-Based Nanoparticles on the Assay of Antimicrobial Drug Delivery Systems -Grumezescu, A. M. (Ed.). Multifunctional Systems for Combined Delivery, Biosensing and Diagnostics. Elsevier, Netherlands.
8. **Gumustas, M.**, Uslu B., Ozkan S. A. 2017. 14 - The Role And The Place Of High Performance Liquid Chromatography For The Determination Of Fermented Dairy Products -Grumezescu, A. M., Holban, A. M. (Eds.). Soft Chemistry and Food Fermentation. Elsevier, Netherlands.
9. Sengel-Turk C. T., **Gumustas, M.**, Uslu B., Ozkan S. A. 2018. 3- A novel approach for drug targeting: core-shell type lipid-polymer hybrid nanocarriers-

Grumezescu, A. M. (Ed.). Design of nanostructures for theranostics applications. Elsevier, Netherlands

10. Badilli U., Gumustas, M., Uslu B., Ozkan S. A. 2018. - Lipid based nanoparticles for dermal drug delivery - Grumezescu, A. M. (Ed.). Organic materials as smart nanocarriers for drug delivery. Elsevier, Netherlands

PROJECTS

TUBITAK 109S099	Development of novel melatonin analogue antioxidant active pharmaceutical ingredients: Evaluation of biological activities, cytotoxicity, electrochemical behaviour of possible metabolites (Researcher) Budget: 90 000 ₺ Dates: 15 November 2009-15 November 2011
TUBITAK 109T149	Investigations on toadstool species included Psilocyn and Psilocybin, growing on Mediterranean region (Researcher) Budget: 75 012 ₺ Dates: 01 May 2009 – 01 July 2011
TUBITAK 112S290	Development of Fulvestrant loaded polymeric nanoparticle loaded delivery systems for the treatment of breast cancer (Researcher) Budget: 82 836 ₺ Dates: 15 November 2012 -15 November 2014
Ankara University 12L336003	Simultaneous determination and optimization of some antiviral agents by using new generation columns via liquid chromatography (Researcher) Budget: 29 996 ₺ Dates: 01 January 2013 - 01 January 2014
Ankara University 15L0237004	Simultaneous determination and optimization of Dutasteride and tamsulosin HCl using new generation columns via liquid chromatography (Researcher) Budget: 19 000 ₺ Dates: 03 June 2015 - 03 June 2016
Ankara University 16L0237001	Liquid chromatographic analysis of some antiviral drugs by using new generation HILIC columns from their pharmaceutical dosage forms (Researcher) Budget: 16 000 ₺ Dates: 08 June 2016 – 08 November 2016
Ankara University 16H0237011	Determination and validation of Terazosine hydrochloride dihydrate and Tamsulosin HCl by capillary electrophoresis (Researcher) Budget: 19 886 ₺ Dates: 08 June 2016 – 08 January 2017

MEMBERSHIPS

2017-	AOAC Stakeholder Panel Member on Strategic Food Analytical Methods (SPSFAM)
2017-	Fellow of AOAC International
2017-	Science Academy (Young Scientist Membership)
2010-	Association of Chemists in Turkey
2010-	International Society of Electrochemistry
2012-2014	The Electrochemical Society
2012-	The Chromatographic Society
2012-	International Separation Science Society (CASSS)

AWARDS

1. PCCP and Turkish Chemical Society Ord. Prof. Dr. İlhami Civaoglu Award for Poster Presentation in 9th International Electrochemistry in Turkey (Poster Award). 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. 25-29 September 2011
2. Amerikan Kimya Derneği (American Chemical Society) Best poster award, **Mehmet Gumustas**, Gokce Coşgun Abbasoglu, Sibel A. Ozkan “A comparative determination study of repaglinide by HPLC, UPLC and electrochemical methods” 2nd International Conference on Analytical Chemistry. Analytical Chemistry for a Better Life. Targoviste, September 17-21, 2014.
3. Best poster award, **Mehmet Gumustas**, Sibel A. Ozkan, Bezhan Chankvetadze, Ritodrin Enantiyomerlerinin Ayrımı İçin YPSK Yöntemi Geliştirilmesi, 8. Ulusal Analitik Kimya Kongresi (8th National Analytical Chemistry Conference), Isparta, Turkey (30 May – 3 June 2016)
4. Best poster presentation award, **Mehmet Gumustas**, Sibel A. Ozkan, Bezhan Chankvetadze, Separation of Enantiomers of Butoxamine Using Polysaccharide Based Chiral Columns with Emphasis on Enantiomer Elution Order. 10th Aegean Analytical Chemistry Days (AACD2016) International Conference, Canakkale, Turkey.(29 September - 2 October 2016)
5. Best Poster Award, **Mehmet Gumustas**, Nadia Bounoua, Khaled Sekkoum, Nasser Belboukhari, Sibel A. Ozkan, Bezhan Chankvetadze. Bazı Antifungallerin enantiyomerlerinin Kovalent Olarak İmmobilize Edilmiş Polisakkarit Temelli Kiral Seçiciler ve Polar Organik Hareketli Faz Kullanarak HPLC ile Ayrılması. 17. Chromatography Symposium, Chromatography 17, 20-22 September 2017, Corum.

ORGANIZATION OF CONFERENCES

2. Summer School of Electrochemistry (Çanakkale), Technical Committee Member

ISOPS 10 (10th International Symposium on Pharmaceutical Sciences, Ankara) Social Committee Member. 26-29 June 2012.

19 th EAAP Annual Conference 2013, Ankara, Social Committee Member. 16-18 May 2013.

ISOPS 11 (11th International Symposium on Pharmaceutical Sciences, Ankara) Social Committee Member. 9-12 June 2015.

8. National Conference on Analytical Chemistry, Isparta, Türkiye, Organization Committee Member 30 May – 3 June 2016

17. Chromatography Symposium, Chromatography 17, Organization Committee Member. 20-22 September 2017, Corum

SCIENTIFIC ADVISORY BOARD MEMBERS IN CONFERENCES

17. Chromatography Symposium, (Chromatography 17). 20-22 September 2017, Corum

RESEARCH EXPERIENCES

September 2008-	Prof. Dr. Sibel A. Ozkan (Ankara University/Turkey), Drug analysis by using separation, spectroscopic, and electroanalytical techniques.
19.01.2013-2.02.2013	Prof. Dr. Bezhan Chankvetadze (Tbilisi/Georgia), Separation and analysis of chiral compounds.
21.02.2014-1.10.2014	Prof. Dr. Bezhan Chankvetadze (Tbilisi/Georgia), Separation of enantiomers by using HPLC, CE and nano-LC.
17.06.2015-17.07.2015	Prof. Dr. Bezhan Chankvetadze (Tbilisi/Georgia), Separation of enantiomers by using HPLC, CE and nano-LC.

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REVIEWER POSITION IN JOURNALS

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Current Analytical Chemistry,
Current Chromatography,
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The Open Analytical Chemistry Journal,
Science Journal of Analytical Chemistry,
The Scientific World Journal.
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Drug Development and Industrial Pharmacy
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Eurasian Journal of Analytical Chemistry
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Journal of Materials and Environmental Science

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