

## Curriculum Vitae

**Name and Surname:** Süleyman BODUR

**Birth Date:** 09/03/1994

**Place of Birth:** İstanbul/Türkiye

### Work Experience

Workplace	Year	Position
İstinye University	2022 (April) – Continue	Research Assitant
Likrom Analitik Çözümler Paz. San. ve Tic. A.Ş.	2021 (January) – 2022 (April)	Customer Support Engineer
TÜSEB Project	2020 (June) – 2020 (December)	Auxiliary Staff
İnnova Kuyumculuk Hediyelik Eşya San. ve Tic. Anonim Şirketi	2018	Trainee

### Educational Background

Degree	Department/Program	University	Year	Ortalama
PhD	Chemistry/Analytical Chemistry	Yıldız Technical University	2022 – Continue	-
Master	Chemistry/Analytical Chemistry	Yıldız Technical University	2019 – 2022	3,64
Bachelor	Chemistry (100% English)	Yıldız Technical University	2013 – 2019	2,83

**Title of Bachelor Thesis:** An Accurate and Sensitive Determination of Bismuth at Trace Levels in Mineral and Bottled Water by T-Shaped Slotted Quartz Tube – Atom Trap – Flame Atomic Absorption Spectrometry

**Title of Master Thesis:** Development of Novel Analytical Methods for the Spectroscopic and Chromatographic Determination of Selected Pesticides, Drug Active Compounds and Inorganic Analytes

## Research Expertise

- Atomic Spectroscopy
- Separation Methods
- Extraction/Preconcentration Methods
- Chromatography
- Mass Spectrometry
- Isotope Dilution Strategies
- Atom Trap Methods
- Derivatization Methods
- Determination of Organic and Inorganic Contaminants
- Photochemical Vapor Generation Methods
- Hydride Generation Methods
- Speciation Analysis
- Analysis of Biological, Environmental and Food Samples

## Instrument Expertise

- High Performance Liquid Chromatography
- Gas Chromatography
- Flame Atomic Absorption Spectrophotometry
- Inductively Coupled Plasma – Optical Emission Spectrometry
- Hyphenated Systems (GC-MS, LC-MS/MS, HPLC-ICP-OES, HPLC-FAAS)

## Projects

Project Name	Responsibility	From	Published Results
Atom Tuzaklı Yarıkli Kuars Tüp – Alevli Atomik Absorpsiyon Spektrofotometre Sisteminde Bizmutun İçme Suyu ve Maden Suyu Örneklerinde Eser Seviyelerde Tayini <b>(Determination of bismuth at trace levels in bottled water and mineral water samples by T- shaped slotted quartz tube – atom trap – flame atomic absorption</b>	Coordinator (15.12.2017 – 15.09.2018)	TÜBİTAK 2209- A Project Number: 1919B011702730	1 International Paper (Analytical Letters, 52(3), 539 – 549)) 1 Proceeding Paper in International Conference (1 <sup>th</sup> Aegean Analytical Chemistry Days, 25-29 September 2018, Chania, Crete, Greece)

<b>spectrophotometry system)</b>			
Özgün Sıvı-Sıvı Mikroekstraksiyon İzotop Seyreltme Kütle Spektroskopisi Yöntemleri Kullanılarak Bisfenol A'nın Farklı Çevre Örneklerinde Yüksek Doğruluk ve Duyarlılıkta Tayini <b>(Determination of Bisphenol A in Different Environmental Samples Using Specific Liquid-Liquid Microextraction Strategies and Isotope Dilution Mass Spectroscopy Methods for high accuracy and sensitivity)</b>	Researcher (10.01.2020 – 25.12.2020)	Yıldız Technical University, FCD-2020-3776	2 International Paper (New Journal of Chemistry, 44, 13685–13691, Microchemical Journal, 159 (December), 105532)
Konya Altınapa Barajı'na Pestisit Taşınımının Modellenmesi ve Giderimi için Yenilikçi İleri Arıtım Yöntemlerinin Geliştirilmesi <b>(Modelling Pesticide Transport to Konya Altınapa Dam and Development of Innovative Advanced Treatment Methods for Pesticide Removal)</b>	Scholar (21.08.2019 – 31.12.2020)	TÜBİTAK 1001, 118Y402	1 International Paper (Bulletin of Environmental Contamination and Toxicology, 105, 460–467)
SARS-CoV-2 (COVID-19) Tedavisinde Kullanılan Klorokin ve Hidroksiklorokin Kimyasallarının Kan, İdrar ve Tükürük Örneklerinde Yüksek Doğruluk ve Duyarlılıkta Hızlı	Auxiliary Staff (01.06.2020 – 31.12.2020)	TÜSEB 2020CV01-8946	5 uluslararası yayın (Journal of Pharmacological and Toxicological Methods, 108, 106949, Journal of Pharmaceutical, 11(3), 278–283, Journal of Chromatography A, 1651, 462273, Journal of

<p>Tayinlerine Yönelik İzotop Seyreltme Esaslı Analitik Yöntem Geliştirilmesi <b>(Development of Isotope Dilution Based Analytical Method for Highly Accurate, Sensitive and Fast Determination of Chloroquine and Hydroxychloroquine Chemicals Used in SARS-CoV-2 (COVID-19) Treatment in Blood, Urine and Saliva Samples)</b></p>	<p>Pharmacological and Toxicological Methods, 113, 107130, Rapid Communication in Mass Spectrometry, 36 (12), e9282)</p>	
<p>Özgün Dörtlü İzotop Seyreltme Yöntemi Kullanılarak Kan ve İdrar Örneklerinde Eser Seviyelerde Bulunan Parasetamolün Yüksek Doğruluk ve Duyarlılıkta Tayini <b>(Highly Sensitive and Accurate Determination of Paracetamol in Human Serum and Urine Samples at Trace Levels using Specific Isotope Dilution Strategy)</b></p>	<p>Researcher (14.04.2021 – 21.04-2022) Yıldız Technical University, FBA- 2021-4215</p>	<p>1 International Paper (ChemistrySelect, 8 (13), e20220385)</p>
<p>Biyolojik, Çevre ve Gıda Örneklerinde Bulunan Kapsaisin Mikroeğstraksiyon Yöntemleri ile Birleştirilmiş Dörtlü İzotop Seyreltme Kütle Spektrometrisi ile Eser Seviyelerde Yüksek Doğruluk ve Duyarlılıkta Tayini <b>(Determination of Capsaicin at Trace Levels in Pepper and</b></p>	<p>Scholar (15.04.2022 – 18.07.2022, 01.12.2022 – Continue) TÜBİTAK 1001, 122Z041</p>	<p>-</p>

### **SCI-SSCI Expanded Papers**

- [1] M. Fırat, **S. Bodur**, B. Tışlı, C. Özlü, D.S. Chormey, F. Turak, S. Bakırdere, Vortex-assisted switchable liquid-liquid microextraction for the preconcentration of cadmium in environmental samples prior to its determination with flame atomic absorption spectrometry, *Environ. Monit. Assess.* 190 (2018) 1–8. <https://doi.org/10.1007/s10661-018-6786-0>.
- [2] D.S. Chormey, **S. Bodur**, D. Baskın, M. Fırat, S. Bakırdere, Accurate and sensitive determination of selected hormones, endocrine disruptors, and pesticides by gas chromatography–mass spectrometry after the multivariate optimization of switchable solvent liquid-phase microextraction, *J. Sep. Sci.* 41 (2018) 2895–2902. <https://doi.org/10.1002/jssc.201800223>.
- [3] S. Erarpat, **S. Bodur**, D.S. Chormey, S. Bakırdere, Switchable solvent liquid-phase microextraction-gas chromatography-quadrupole isotope dilution mass spectrometry for the determination of 4-n-nonylphenol in municipal wastewater, *Microchem. J.* 144 (2019) 1–5. <https://doi.org/10.1016/j.microc.2018.08.049>.
- [4] **S. Bodur**, S. Erarpat, D. Selali Chormey, Ç. Büyükpınar, S. Bakırdere, Determination of Bismuth in Bottled and Mineral Water Samples at Trace Levels by T-Shaped Slotted Quartz tube-Atom Trap-Flame Atomic Absorption Spectrometry, *Anal. Lett.* 52 (2019) 539–549. <https://doi.org/10.1080/00032719.2018.1477790>.
- [5] **S. Bodur**, E.G. Bakırdere, Simultaneous determination of selected herbicides in dam lake, river and well water samples by gas chromatography mass spectrometry after vortex assisted binary solvent liquid phase microextraction, *Microchem. J.* 145 (2019) 168–172. <https://doi.org/10.1016/j.microc.2018.10.033>.
- [6] S. Erarpat, A. Çağlak, **S. Bodur**, S.D. Chormey, Ö.G. Engin, S. Bakırdere, Simultaneous Determination of Fluoxetine, Estrone, Pesticides, and Endocrine Disruptors in Wastewater by Gas Chromatography–Mass Spectrometry (GC–MS) Following Switchable Solvent–Liquid Phase Microextraction (SS–LPME), *Anal. Lett.* 52 (2019) 869–878. <https://doi.org/10.1080/00032719.2018.1505897>.
- [7] S. Erarpat, **S. Bodur**, E. Öz, S. Bakırdere, Determination of butyltin compounds in fish and mussel samples at trace levels by vortex assisted dispersive liquid-liquid microextraction-gas chromatography mass spectrometry, *J. Food Compos. Anal.* 82 (2019) 103248. <https://doi.org/10.1016/j.jfca.2019.103248>.
- [8] S. Erarpat, **S. Bodur**, E. Öztürk Er, S. Bakırdere, Combination of ultrasound-assisted

- ethyl chloroformate derivatization and switchable solvent liquid-phase microextraction for the sensitive determination of l-methionine in human plasma by GC–MS, *J. Sep. Sci.* 43 (2020) 1100–1106. <https://doi.org/10.1002/jssc.201901078>.
- [9] **S. Bodur**, C. Özlü, B. Tışlı, M. Fırat, D.S. Chormey, S. Bakırdere, Analytical protocol for determination of endosulfan beta, propham, chlorpyrifos, and acibenzolar-s-methyl in lake water and wastewater samples by gas chromatography–mass spectrometry after dispersive liquid–liquid microextraction, *Environ. Monit. Assess.* 192 (2020) 1–9. <https://doi.org/10.1007/s10661-020-8214-5>.
- [10] **S. Bodur**, S. Erarpat, Ö.T. Günkara, D.S. Chormey, S. Bakırdere, A new derivatization method for the determination of propineb in black tea and infant formula samples using dispersive liquid-liquid microextraction followed by gas chromatography-mass spectrometry, *Talanta*. 213 (2020) 120846. <https://doi.org/10.1016/j.talanta.2020.120846>.
- [11] **S. Bodur**, S. Erarpat, S. Bakırdere, Fe<sub>3</sub>O<sub>4</sub>/reduced graphene oxide nanocomposites based dispersive solid phase microextraction for trace determination of profenofos in white rice flour samples, *J. Food Compos. Anal.* 91 (2020) 103516. <https://doi.org/10.1016/j.jfca.2020.103516>.
- [12] **S. Bodur**, S. Erarpat, D.S. Chormey, G.D. Bozyiğit, E. Öz, N. Özdoğan, S. Bakırdere, Assessment of different isotope dilution strategies and their combination with switchable solvent-based liquid phase microextraction prior to the quantification of bisphenol A at trace levels: Via GC-MS, *New J. Chem.* 44 (2020) 13685–13691. <https://doi.org/10.1039/d0nj02706e>.
- [13] **S. Bodur**, T. Borahan, N. Ates, S. Bakırdere, Sensitive Determination of Acetochlor, Alachlor, Metolachlor and Fenthion Utilizing Mechanical Shaking Assisted Dispersive Liquid–Liquid Microextraction Prior to Gas Chromatography–Mass Spectrometry, *Bull. Environ. Contam. Toxicol.* 105 (2020) 460–467. <https://doi.org/10.1007/s00128-020-02965-z>.
- [14] S. Erarpat, **S. Bodur**, M.F. Ayyıldız, Ö.T. Günkara, F. Erulaş, D.S. Chormey, F. Turak, T.B. Budak, S. Bakırdere, Accurate and simple determination of oxcarbazepine in human plasma and urine samples using switchable-hydrophilicity solvent in GC–MS, *Biomed. Chromatogr.* 34 (2020) e4915. <https://doi.org/10.1002/bmc.4915>.
- [15] Y. Dikmen, A. Güteryüz, B. Metin, **S. Bodur**, M. Öner, S. Bakırdere, A novel and rapid extraction protocol for sensitive and accurate determination of prochloraz in orange juice samples: Vortex-assisted spraying-based fine droplet formation liquid-phase microextraction before gas chromatography–mass spectrometry, *J. Mass Spectrom.* 55 (2020) e4622. <https://doi.org/10.1002/jms.4622>.
- [16] **S. Bodur**, S. Erarpat, G. Dalgıç Bozyiğit, D. Selali Chormey, E. Öz, N. Özdoğan, S. Bakırdere, A sensitive determination method for trace bisphenol A in bottled water and wastewater samples: Binary solvent liquid phase microextraction-quadrupole isotope dilution-gas chromatography-mass spectrometry, *Microchem. J.* 159 (2020) 105532.

<https://doi.org/10.1016/j.microc.2020.105532>.

- [17] Ç. Büyükpınar, **S. Bodur**, N. San, O.T. Komesli, S. Bakırdere, Photochemical Vapor Generation Based Accurate Determination of Cadmium in Wastewater Using Novel Photoreactor and Gas-Liquid Separators Using Flame Atomic Absorption Spectrometry with Matrix Matching Calibration, *Anal. Lett.* 54 (2021) 2315–2326. <https://doi.org/10.1080/00032719.2020.1858308>.
- [18] M. Öner, **S. Bodur**, S. Erarpat, S. Bakırdere, A Novel Hydrogen Fluoride Assisted–Glass Surface Etching Based Liquid Phase Microextraction for the Determination of 4-n-Nonylphenol in Water by Gas Chromatography–Mass Spectrometry with Matrix Matching Strategy, *Anal. Sci.* 37 (2021) 1433–1438. <https://doi.org/10.2116/analsci.21P013>.
- [19] **S. Bodur**, S. Erarpat, Ö.T. Günkara, S. Bakırdere, Development of an easy and rapid analytical method for the extraction and preconcentration of chloroquine phosphate from human biofluids prior to GC–MS analysis, *J. Pharmacol. Toxicol. Methods.* 108 (2021) 106949. <https://doi.org/10.1016/j.vascn.2021.106949>.
- [20] **S. Bodur**, S. Erarpat, U. Balçık, S. Bakırdere, A rapid, sensitive and accurate determination of cobalamin with double monitoring system: HPLC-UV and HPLC-ICP-OES, *Food Chem.* 340 (2021) 127945. <https://doi.org/10.1016/j.foodchem.2020.127945>.
- [21] C. Demir, M. Öner, **S. Bodur**, E.Ö. Er, S. Bakırdere, A Simple and Efficient Extraction Method for the Preconcentration of Copper in Tap Water and Linden Tea Samples Prior to FAAS Measurement, *ChemistrySelect.* 6 (2021) 2906–2912. <https://doi.org/10.1002/slct.202100149>.
- [22] E. Yazıcı, Ç. Büyükpınar, **S. Bodur**, N. San, O.T. Komesli, S. Bakırdere, Ultrasonic assisted glass bead loaded gas liquid separator-photochemical vapor generation-T-shaped slotted quartz tube-flame atomic absorption spectrophotometry system for antimony determination in tap water and wastewater samples, *Chem. Pap.* 75 (2021) 1377–1386. <https://doi.org/10.1007/s11696-020-01392-y>.
- [23] Ç. Büyükpınar, **S. Bodur**, E. Yazıcı, Z. Tekin, N. San, O. Tarık Komesli, S. Bakırdere, An accurate analytical method for the determination of cadmium: Ultraviolet based photochemical vapor generation-slotted quartz tube based atom trap-flame atomic absorption spectrophotometry, *Meas. J. Int. Meas. Confed.* 176 (2021) 109192. <https://doi.org/10.1016/j.measurement.2021.109192>.
- [24] **S. Bodur**, S. Erarpat, Ö.T. Günkara, S. Bakırdere, Accurate and sensitive determination of hydroxychloroquine sulfate used on COVID-19 patients in human urine, serum and saliva samples by GC-MS, *J. Pharm. Anal.* 11 (2021) 278–283. <https://doi.org/10.1016/j.jpha.2021.01.006>.
- [25] E. Yazıcı, Ç. Büyükpınar, **S. Bodur**, N. San, O.T. Komesli, S. Bakırdere, An accurate analytical method for the determination of antimony in tea and tap water samples: photochemical vapor generation-atom trapping prior to FAAS measurement, *Chem. Pap.*

- 1 (2021) 3. <https://doi.org/10.1007/s11696-021-01569-z>.
- [26] M. Öner, **S. Bodur**, C. Demir, E. Yazıcı, S. Erarpat, S. Bakırdere, An effective and rapid magnetic nanoparticle based dispersive solid phase extraction method for the extraction and preconcentration of cadmium from edible oil samples before ICP OES measurement, *J. Food Compos. Anal.* 101 (2021) 103978. <https://doi.org/10.1016/j.jfca.2021.103978>.
- [27] **S. Bodur**, M. Öner, S. Erarpat, S. Bakırdere, Determination of selenite and selenomethionine in kefir grains by reversed-phase high-performance liquid chromatography–inductively coupled plasma–optical emission spectrometry, *J. Sep. Sci.* 44 (2021) 3031–3040. <https://doi.org/10.1002/jssc.202100359>.
- [28] S. Erarpat, **S. Bodur**, M. Öner, Ö.T. Günkara, S. Bakırdere, Quadruple isotope dilution gas chromatography–mass spectrometry after simultaneous derivatization and spraying based fine droplet formation liquid phase microextraction method for the accurate and sensitive quantification of chloroquine phosphate in human, *J. Chromatogr. A.* 1651 (2021) 462273. <https://doi.org/10.1016/j.chroma.2021.462273>.
- [29] S. Erarpat, **S. Bodur**, S. Bakırdere, Nanoparticles Based Extraction Strategies for Accurate and Sensitive Determination of Different Pesticides, *Crit. Rev. Anal. Chem.* (2021). <https://doi.org/10.1080/10408347.2021.1876552>.
- [30] S. Erarpat, **S. Bodur**, D.S. Chormey, E. Öz, S. Bakırdere, Sensitive Determination of 4-n-Nonylphenol in Domestic Wastewater and Liquid Detergent by Binary Solvent Microextraction (BSME) and Gas Chromatography–Mass Spectrometry (GC-MS) with Matrix Matching Calibration, <https://doi.org/10.1080/00032719.2021.1985511>. (2021). <https://doi.org/10.1080/00032719.2021.1985511>.
- [31] **S. Bodur**, S. Erarpat, Ö.T. Günkara, S. Bakırdere, One step derivatization and dispersive liquid–liquid microextraction of hydroxychloroquine sulfate for its sensitive and accurate determination using GC–MS, *J. Pharmacol. Toxicol. Methods.* 113 (2022) 107130. <https://doi.org/10.1016/j.vascn.2021.107130>.
- [32] E. Öztürk Er, S. Erarpat, **S. Bodur**, Ö.T. Günkara, B. Özbek, S. Bakırdere, Accurate determination of amino acids by quadruple isotope dilution–reverse phase liquid Chromatography–Tandem mass spectrometry after derivatization with 2-Naphthoyl chloride, *J. Chromatogr. A.* 1667 (2022) 462870. <https://doi.org/10.1016/j.chroma.2022.462870>.
- [33] S. Erarpat, **S. Bodur**, M. Öner, Ö.T. Günkara, S. Bakırdere, A simple and efficient derivatization strategy combined with switchable solvent liquid–liquid microextraction hydroxychloroquine methyl acetate-d<sub>3</sub>-based quadruple isotope dilution gas chromatography mass spectrometry for the determination of hydroxychloroquine sulfate in biological fluids, *Rapid Commun. Mass Spectrom.* 36 (2022). <https://doi.org/10.1002/rcm.9282>.
- [34] S. Erarpat, **S. Bodur**, Ö.T. Günkara, S. Bakırdere, Combination of high performance liquid chromatography and flame atomic absorption spectrophotometry using a novel



- nebulizer interface supported T shaped slotted quartz tube for the determination of Vitamin B12, *J. Pharm. Biomed. Anal.* 217 (2022) 114855. <https://doi.org/10.1016/j.jpba.2022.114855>.
- [35] **S. Bodur**, S. Erarpat, Ö.F. Tutar, S. Bakırdere, A simple spray assisted extraction/preconcentration of cadmium from sunflower oil, olive oil and hazelnut oil samples prior to flame atomic absorption spectrometry determination, *J. Food Compos. Anal.* 117 (2023) 105144. <https://doi.org/10.1016/j.jfca.2023.105144>.
- [36] R. Demirel, S. Erarpat, **S. Bodur**, Ö.T. Günkara, S. Bakırdere, F. Turak, Synthesis of Isotopic Labelled Paracetamol Benzoate- d3 and Its Application in the Determination of Paracetamol, *ChemistrySelect.* 8 (2023). <https://doi.org/10.1002/slct.202203851>.
- [37] E. Yazıcı, **S. Bodur**, S. Erarpat, U. Emre Arslan, S. Bakırdere, Assessment of external calibration, internal standard calibration and quadruple isotope dilution strategies for the determination of acrylamide in wastewater samples after LC-MS/MS quantification, *Microchem. J.* (2023) 108741. <https://doi.org/10.1016/j.microc.2023.108741>.
- [38] **S. Bodur**, S. Erarpat, İ. Kayın, S. Bakırdere, Cadmium determination at trace levels in lake water samples by cold vapor generation-atomic absorption spectrometry after magnetic dispersive solid phase extraction, *Chem. Pap.* (2023). <https://doi.org/10.1007/s11696-023-02963-5>.
- [39] **S. Bodur**, S. Erarpat, Ö.F. Tutar, S. Bakırdere, Spray assisted preconcentration method combined with HPLC – Continuous flow hydride generation – FAAS for inorganic arsenic speciation in olive oil samples, *J. Food Compos. Anal.* 123 (2023) 105531. <https://doi.org/10.1016/j.jfca.2023.105531>.
- [40] **S. Bodur**, S. Erarpat, Ö.T. Günkara, S. Bakırdere, A powerful combination of liquid chromatography-triple quadrupole mass spectrometry and quadruple isotope dilution strategy for the determination of fenuron at trace levels in river water, stream water and fruit juice samples, *J. Food Compos. Anal.* 123 (2023) 105563. <https://doi.org/10.1016/j.jfca.2023.105563>.

### **Proceeding Papers in International Conference**

1. **Bodur, S.**, Erarpat, S., Chormey, D.S., Büyükpınar, Ç., Bakırdere, S., Determination of bismuth in bottled water and mineral water samples at trace levels by T-shaped slotted quartz tube-atom trap-flame atomic absorption spectrometry, 11th Aegean Analytical Chemistry Days, 25-29 September 2018, Chania, Crete, Greece.
2. **Bodur, S.**, Bakırdere, E. G., Development of an accurate and sensitive binary solvent – liquid phase microextraction for the determination of nitrofen, bifenox and alachlor in dam lake water, river water and well water samples by gas chromatography-mass spectrometry, 11th Aegean Analytical Chemistry Days, 25-29 September 2018, Chania, Crete, Greece.

3. Erarpat, S., **Bodur, S.**, Chormey, D.S., Bakırdere, S., Switchable solvent liquid-phase microextraction-gas chromatography-quadrupole isotope dilution mass spectrometry for the determination of 4-n-nonylphenol in municipal waste water, 11th Aegean Analytical Chemistry Days, 25-29 September 2018, Chania, Crete, Greece.
4. Fırat, M., **Bodur, S.**, Tışlı, B., Özlü, C., Chormey, D.S., Turak, F., Bakırdere, S., Determination of Cadmium in Environmental Samples by Slotted Quartz Tube Flame Atomic Absorption Spectrometry after Vortex Assisted Switchable Liquid-Liquid Microextraction, 8th Black Sea Basin Conference on Analytical Chemistry (8th BBCAC), 9-11 May 2018, İstanbul, Türkiye.
5. Erarpat, S., **Bodur, S.**, Öz, E., Bakırdere, S., Sensitive and accurate determination of butyltin compounds in fish and mussel samples by vortex assisted dispersive liquidliquid microextraction-gas chromatography mass spectrometry, 1st Analytical and Bioanalytical Chemistry, 27-30 March 2019, Antalya, Türkiye.
6. Yazıcı, E., Büyükpınar Ç., **Bodur, S.**, San, Nevim, Komesli, O. T., Bakırdere, S., Ultraviolet based photochemical vapor generation T-shaped slotted quartz tube-atom trap-flame atomic absorption spectrophotometry for the accurate and sensitive determination of antimony, 2nd International Environmental Chemistry Congress, 31 October – 03 November 2019, Antalya, Türkiye.
7. Erarpat, S., **Bodur S.**, Fırat Ayyıldız, M., Günkara, Ö. T., Erulaş, F. A., Chormey, D. S., Turak, F., Börklü Budak, T., Bakırdere S., Determination of oxcarbazepine in urine and blood samples by gas chromatography-mass spectrometry after switchable solvent liquid phase microextraction method, 2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC) 11-14 March 2020, Antalya, Türkiye.
8. **Bodur S.**, Erarpat S., Günkara, Ö.T., Chormey, D.S., Bakırdere, S., An accurate and precise determination method for propineb in black tea and infant formula samples by GC-MS after applying a new derivatization technique and dispersive liquid-liquid microextraction method, 2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC) 11-14 March 2020, Antalya, Türkiye.
9. Demirel, R., Erarpat, S., **Bodur, S.**, Günkara, Ö.T., Bakırdere, S., Turak, F., Determination of Trace Levels of Paracetamol in Human Urine and Human Serum with High Accuracy and Sensitivity Using Dispersive Liquid-Liquid Microextraction Coupled to Quadruple Isotope Dilution GC-MS, 4th International Congress on Analytical and Bioanalytical Chemistry (4th ICABC 2022), 23-26 March 2022, Türkiye (Online).
10. Erarpat, S., **Bodur, S.**, Günkara, Ö.T., Bakırdere, S., Determination of Vitamin B12 in vitamin tablets by high performance liquid chromatography combined with flame atomic absorption spectrophotometry with a novel nebulizer interface supported T-shaped slotted quartz tube, 33rd International Symposium on Pharmaceutical and Biomedical Analysis (PBA2023), 02-06 July 2023, Ankara, Türkiye.
11. **Bodur, S.**, Erarpat, S., Günkara, Ö.T., Bakırdere, S., Determination of chloroquine phosphate at trace levels in human serum, saliva and urine samples by gas chromatography–mass spectrometry after vortex assisted spraying based fine droplet formation liquid phase microextraction, 33rd International Symposium on

Pharmaceutical and Biomedical Analysis (PBA2023), 02-06 July 2023, Ankara, Türkiye.

12. YAZICI, E., **Bodur, S.**, Erarpat, S., Arslan, U.E., Bakırdere, S., Accurate and sensitive determination of acrylamide in wastewater samples by quadruple isotope dilution strategy before liquid chromatography-triple quadrupole mass spectrometry, 19th Asian Chemical Congress, 9-14 July 2023, İstanbul, Türkiye.
13. **Bodur, S.**, Erarpat, S., Günkara, Ö.T., Bakırdere, S., Application of quadrupole isotope dilution using lab-synthesized fenuron-d6 for the accurate and precise determination of fenuron in river water, stream water and fruit juice samples by liquid chromatography-triple quadrupole mass spectrometry, 19th Asian Chemical Congress, 9-14 July 2023, İstanbul, Türkiye.
14. **Bodur, S.**, Erarpat, S., Tutar, Ö.F., Bakırdere, S., A new analytical approach for inorganic arsenic speciation in olive oil samples: A simple extraction method combined with high performance liquid chromatography – continuous flow hydride generation – flame atomic absorption spectrometry, 19th Asian Chemical Congress, 9-14 July 2023, İstanbul, Türkiye.

### **Proceeding Papers in National Conference**

1. **Bodur, S.**, Erarpat, S., Günkara, Ö.T., Bakırdere, S., Hidroksiklorokin sülfatın gaz kromatografi-kütle spektrometri sistemi kullanılarak biyolojik sıvılarda eser seviyelerde tayini için hızlı ve kolay ekstraksiyon/önderiştirme yönteminin geliştirilmesi, 10. Ulusal Analitik Kimya Kongresi, 7-11 Eylül 2022, Muğla, Türkiye.
2. Öner, M., **Bodur, S.**, Demir, C., Yazıcı, E., Erarpat, S., Bakırdere, S., Kadmiyumun ICP-OES sisteminde tayini öncesinde yenilebilir yağlarda ekstraksiyonu ve önderiştirilmesine yönelik manyetik nanopartikül esaslı dağıtıcı katı faz ekstraksiyon yöntemi geliştirilmesi, 10. Ulusal Analitik Kimya Kongresi, 7-11 Eylül 2022, Muğla, Türkiye.
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## **Awards**

- The Best Poster Award (2nd), Determination of Cadmium in Environmental Samples by Slotted Quartz Tube Flame Atomic Absorption Spectrometry after Vortex Assisted Switchable Liquid-Liquid Microextraction, 8th Black Sea Basin Conference on Analytical Chemistry (8th BBCAC), 9-11 May 2018, İstanbul, Türkiye.
- The Best Poster Award (1st), Determination of bismuth in bottled water and mineral water samples at trace levels by T-shaped slotted quartz tube-atom trap-flame atomic absorption spectrometry, 11th Aegean Analytical Chemistry Days, 25-29 September 2018, Chania, Crete, Greece.