

## Prof. Sena ÇAĞLAR ANDAÇ

### Personal Information

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### International Researcher IDs

ScholarID: Sena

ORCID: 0000-0002-4846-8310

Publons / Web Of Science ResearcherID: I-9937-2016

ScopusID: 17341982300

Yoksis Researcher ID: 104711

### Education Information

Post Doctorate, Ludwig-Maximilians-Universitaet München, Medical Center Of University Of Munich, Institute Of Clinical Chemistry, Laboratory Of Bioseparation, Germany 2011 - 2013

Doctorate, Istanbul University, Faculty Of Pharmacy , Analitik Kimya A.D., Turkey 2005 - 2011

Postgraduate, Istanbul University, Faculty Of Pharmacy , Analitik Kimya A.D., Turkey 2003 - 2005

Undergraduate, Istanbul University, Mühendislik, Kimya Mühendisliği (% 30 İngilizce), Turkey 1999 - 2003

### Foreign Languages

Italian, A1 Beginner

English, C1 Advanced

German, B2 Upper Intermediate

### Certificates, Courses and Trainings

Foreign Language, İtalyanca Dil Kursu, Linguadue Milan, Italy, 2013

Education Management and Planning, PROTEOMİSTANBUL-2013, Uluslararası Katılımlı Proteomik Yaz Okulu, İ.Ü.Fen Fakültesi - Moleküler Biyoloji ve Genetik Bölümü, 2013

Education Management and Planning, LC-MS/MS, ThermoFisher Scientific, Application Laboratory, Franklin, MA, USA, 2013

Foreign Language, Deutsch, Deutsche Akademie, 2012

Foreign Language, Deutsch, LMU, Internationaler Universitätsclub München, 2012

Education Management and Planning, Workshop on Antioxidant Measurement Methods, İ.Ü.Kimya Bölümü, Analitik Kimya A.D., 2010

Education Management and Planning, İlaç Üretim Yöntemleri, Quality Academia, 2010

Education Management and Planning, GC-MS Çalıştayı, GATA Biyokimya Klinik Biyokimya Anabilim Dalı, 2008

Foreign Language, Deutsch, Istanbul University, Department of Foreign Languages, 2001

## Dissertations

Doctorate, "A New High Performance Liquid Chromatography Method for the Determination of Rosuvastatin"

"Rosuvastatinin Tayini İçin Yeni Bir Yüksek Performanslı Sıvı Kromatografisi Yöntemi", Istanbul University, Faculty Of Pharmacy, Department Of Analytical Chemistry, 2011

Postgraduate, "A New Spectrophotometric Method for the Determination of Desloratadin in Tablets" "Desloratadinin Tabletlerde Tayini İçin Yeni Bir Spektrofotometrik Yöntem", Istanbul University, Faculty Of Pharmacy, Department Of Analytical Chemistry, 2005

## Research Areas

Chemistry, Analytical Chemistry, Separation Methods, Chromatographic Analysis, Spectroscopical Methods, Natural Sciences

## Academic Titles / Tasks

Associate Professor, Istanbul University, Faculty of Pharmacy , Department of Basic Pharmaceutical Sciences, 2017 - Continues

Assistant Professor, Istanbul University, Faculty of Pharmacy , Department of Basic Pharmaceutical Sciences, 2014 - 2018

Research Assistant PhD, Istanbul University, Faculty of Pharmacy , Department of Basic Pharmaceutical Sciences, 2011 - 2014

Research Assistant, Istanbul University, Faculty Of Pharmacy , Department Of Basic Pharmaceutical Sciences, 2003 - 2011

## Academic and Administrative Experience

### Courses

Analytical Chemistry I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Analytical Chemistry II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

FARMASÖTİK VE BİYOLÖJİK NUMUNELERDE ÖRNEK HAZIRLAMA, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

GIDA TAKVİYELERİNİN ANALİZLERİ, Undergraduate, 2022 - 2023

TEMEL ECZACILIK KURULU IV, Undergraduate, 2020 - 2021

ENDÜSTRİ ECZACILIĞI KURULU V, Undergraduate, 2021 - 2022

ENDÜSTRİ ECZACILIĞI KURULU IV, Undergraduate, 2021 - 2022

ECZACILIKTA FİZİKOKİMYA, Postgraduate, 2017 - 2018

Bilimsel Araştırma ve Literatür Tarama, Undergraduate, 2017 - 2018

Mathematics, Undergraduate, 2017 - 2018

Yüzey Analiz Yöntemleri, Postgraduate, 2017 - 2018

Analitik Kimya II, Undergraduate, 2015 - 2016

Matematik, Undergraduate, 2015 - 2016

Bitirme Projesi , Undergraduate, 2015 - 2016, 2014 - 2015

Analitik Kimyada Sonuçların Değerlendirilmesi ve Yöntem Validasyonu, Postgraduate, 2015 - 2016

Analitik Kimya I, Undergraduate, 2014 - 2015

## Advising Theses

Çağlar Andaç S., Özdemir E., Tikagrelorün Asetilsalisilik asit varlığında Yüksek Performanslı Sıvı Kromatografisi ile Tayini, Postgraduate, Y.Acar(Student), Continues

Çağlar Andaç S., Kaplan M. A., Meme Kanseri Tedavisinde Kullanılan Doksorubisinin Plazmadan Yüksek Performanslı Sıvı Kromatografisi İle Tayini, Doctorate, H.Pehlivanoglu(Student), Continues

Çağlar Andaç S., Bazı Antihistaminiklerin Yüksek Performanslı Sıvı Kromatografisi Yöntemi ile Çeşitli Farmasötik Preparatlardan Analjezik ve Antienflamatuvar Maddelerle Yan Yana Tayinleri, Postgraduate, İ.Sarıkaya(Student), Continues

Çağlar Andaç S., Asiklovirin farklı farmasötik formülasyonlardan yüksek performanslı sıvı kromatografik tayinleri, Postgraduate, C.OKUYUCU(Student), 2022

Çağlar Andaç S., COVID-19 tedavisinde kullanılan favipiravir'in tabletlerden tayini için uv spektrometrik ve spektrofotometrik yöntemler, Postgraduate, I.EVCİL(Student), 2022

Çağlar Andaç S., Ocak Demirci E. M., 68Ga PSMA 11 Üretimine ve Radyokimyasal Saflık Analizine Tasarımla Kalite QbD Prensiplerine Göre Kalite Uygulaması, Postgraduate, H.Pehlivanoglu(Student), 2019

Çağlar Andaç S., Simultaneous Determination of New Generation Antidiabetics in Bio-Fluids by HPLC, Postgraduate, A.Mohammad(Student), 2018

## Jury Memberships

Doctoral Examination, Doctoral Examination, İstanbul Üniversitesi, December, 2023

Doctoral Examination, Doctoral Examination, İstanbul Üniversitesi, December, 2023

Doctoral Examination, Doctoral Examination, İstanbul Üniversitesi, December, 2023

Post Graduate, Post Graduate, İstanbul Üniversitesi-Cerrahpaşa, July, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Üniversitesi-Cerrahpaşa, July, 2023

Post Graduate, Post Graduate, Yalova Üniversitesi, January, 2023

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, İstanbul Üniversitesi-Cerrahpaşa, November, 2022

Post Graduate, Post Graduate, İstanbul Üniversitesi-Cerrahpaşa, June, 2022

Doctoral Examination, Doctoral Examination, İstanbul Üniversitesi-Cerrahpaşa, June, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Anadolu Üniversitesi, January, 2022

Post Graduate, Post Graduate, İstanbul Üniversitesi-Cerrahpaşa, June, 2021

Post Graduate, Post Graduate, İstanbul Üniversitesi-Cerrahpaşa, June, 2020

Post Graduate, Post Graduate, İstanbul Üniversitesi-Cerrahpaşa, June, 2020

Post Graduate, Post Graduate, İstanbul Üniversitesi-Cerrahpaşa, June, 2020

Post Graduate, Post Graduate, Anadolu Üniversitesi, January, 2020

Post Graduate, Post Graduate, İstanbul Üniversitesi-Cerrahpaşa, April, 2019

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

- I. **Determination of Acyclovir and Parabens using HPLC in Different Pharmaceutical Formulations (accepted)**  
Okuyucu Genç C., Sarıkaya Yıldız İ., Çağlar Andaç S.  
PHARMACEUTICAL CHEMISTRY JOURNAL, vol.1, no.1, pp.1-4, 2024 (SCI-Expanded)
- II. **Application of response surface methodology and quality by design to [<sup>68</sup>Ga]Ga-PSMA-11 preparation**  
Pehlivanoglu H., Ocak M., ÇAĞLAR ANDAÇ S.

JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.333, no.1, pp.43-51, 2024 (SCI-Expanded)

- III. **Urgent first-step screening method for ketamine, phenobarbital, zopiclone, zolpidem, phenytoin and thiopental in adulterated soft drink**  
Anılanmert B., Çağlar-Andac S., NARİN İ.  
PAKISTAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.36, no.5, pp.1407-1414, 2023 (SCI-Expanded)
- IV. **Isothermal titration calorimetry binding properties of Cibacron Blue F3GA in complex with human serum albumin**  
Andac C. A., Çağlar Andaç S., DENİZLİ A., ANDAÇ A. M.  
JOURNAL OF MOLECULAR RECOGNITION, vol.36, no.8, 2023 (SCI-Expanded)
- V. **A Green, Validated and Stability Indicating UV Spectrophotometric Determination And HPLC Comparison of Covid-19 Drug Favipiravir in Tablets**  
Evcil I., Pehlivanoglu H., Boğa M., ÇAĞLAR ANDAÇ S.  
Pharmaceutical Chemistry Journal, vol.57, no.4, pp.584-589, 2023 (SCI-Expanded)
- VI. **Determination of Three Gliptins in Tablets by Reversed Phase Liquid Chromatography with an Application of Spiked Urine Samples**  
Andac S., Ozdemir E., Andac C. A.  
PHARMACEUTICAL CHEMISTRY JOURNAL, vol.57, no.3, pp.460-466, 2023 (SCI-Expanded)
- VII. **Development and validation of a UV-Radio-HPLC method to assess chemical and radiochemical purity of [68Ga] Ga-PSMA-11**  
Pehlivanoglu H., Ocak M., Çağlar-Andac S.  
APPLIED RADIATION AND ISOTOPES, vol.190, 2022 (SCI-Expanded)
- VIII. **In-silico Pharmacokinetic and Affinity Studies of Piperazine/Morpholine Substituted Quinolines in Complex with GAK as Promising Anti-HCV Agent**  
Andac C. A., Cakmak O., Okten S., Çağlar-Andac S., İŞILDAK İ.  
JOURNAL OF COMPUTATIONAL BIOPHYSICS AND CHEMISTRY, vol.20, no.08, pp.869-879, 2021 (SCI-Expanded)
- IX. **Liquid Chromatographic Methods for COVID-19 Drugs, Hydroxychloroquine and Chloroquine**  
Bilgin Z. D., Evcil I., Yazgı D., Binay G., Okuyucu Genç C., Gülşen B., Huseynova A., Ozdemir A. Z., Ozmen E., Usta Y., et al.  
Journal Of Chromatographic Science, vol.1, no.1, pp.1-10, 2020 (SCI-Expanded)
- X. **Cross Referencing 2D-LC Determination of Intact Gliptins in Urine**  
Çağlar Andaç S.  
Journal Of Chromatographic Science, vol.1, no.1, pp.1-8, 2020 (SCI-Expanded)
- XI. **Determination of Drugs by Online Column-Switching Liquid Chromatography**  
Andac S.  
Journal of Chromatographic Science, vol.54, no.9, pp.1641-1647, 2016 (SCI-Expanded)
- XII. **Development and validation of an on-line multidimensional SPE-LC-MS/MS method for the quantitation of Tetrandrine in blood samples**  
Çağlar S., Morello R., Boos K.  
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, vol.988, pp.25-32, 2015 (SCI-Expanded)
- XIII. **Determination of Valacyclovir Hydrochloride in Tablets and Spiked Plasma Samples by Spectrofluorimetry**  
Çağlar S.  
JOURNAL OF ANALYTICAL CHEMISTRY, vol.69, no.4, pp.362-366, 2014 (SCI-Expanded)
- XIV. **Spectrophotometric determination of 3-hydroxy-3-methylglutaryl coenzyme-A reductase inhibitors in pharmaceutical preparations**  
Ergin Kızılcay G., Çağlar Andaç S., Önal A., Toker S.  
TURKISH JOURNAL OF CHEMISTRY, vol.37, pp.171-181, 2013 (SCI-Expanded)
- XV. **Determination of Rosuvastatin at Picogram Level in Serum by Fluorimetric Derivatization with 9-Anthryldiazomethane using HPLC**  
Çağlar S., Toker S.

JOURNAL OF CHROMATOGRAPHIC SCIENCE, vol.51, no.1, pp.53-58, 2013 (SCI-Expanded)

- XVI. **Determination of Sitagliptin with Fluorescamine in Tablets and Spiked Serum Samples by Spectrofluorimetry and a Degradation Study**  
Caglar S., Onal A., Toker S.  
CURRENT PHARMACEUTICAL ANALYSIS, vol.8, no.3, pp.278-285, 2012 (SCI-Expanded)
- XVII. **Simultaneous determination of desloratadine and pseudoephedrine sulfate in tablets by high performance liquid chromatography and derivative spectrophotometry**  
Caglar S., Toker S.  
REVIEWS IN ANALYTICAL CHEMISTRY, vol.30, pp.145-151, 2011 (SCI-Expanded)
- XVIII. **Two Simple and Rapid Spectrophotometric Methods for the Determination of a New Antihypertensive Drug Olmesartan in Tablets**  
Caglar S., Onal A.  
JOURNAL OF ANALYTICAL CHEMISTRY, vol.65, no.3, pp.239-243, 2010 (SCI-Expanded)
- XIX. **RP-HPLC METHOD FOR DETERMINATION OF OSELTAMIVIR PHOSPHATE IN CAPSULES AND SPIKED PLASMA**  
Aydogmus Z., Caglar S., Toker S.  
ANALYTICAL LETTERS, vol.43, no.14, pp.2200-2209, 2010 (SCI-Expanded)
- XX. **Spectrophotometric determination of dopaminergic drugs used for Parkinson's disease, cabergoline and ropinirole, in pharmaceutical preparations**  
Onal A., Caglar S.  
CHEMICAL & PHARMACEUTICAL BULLETIN, vol.55, no.4, pp.629-631, 2007 (SCI-Expanded)
- XXI. **A sensitive spectrophotometric method for the determination of desloratadine in tablets**  
Caglar S., Öztunç A.  
JOURNAL OF AOAC INTERNATIONAL, vol.90, no.2, pp.372-375, 2007 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Hyphenation of on-line sample pretreatment to HPLC for bioanalysis**  
ÇAĞLAR ANDAÇ S.  
J Chromatogr Sep Tech, vol.8, no.4, pp.41, 2017 (Peer-Reviewed Journal)
- II. **A LITERATURE REVIEW OF ANALYTICAL METHODS USED FOR IDENTIFICATION AND DETERMINATION OF COUNTERFEIT DRUGS**  
Oral V., ÇAĞLAR ANDAÇ S.  
Journal of Faculty of Pharmacy Istanbul University, vol.45, no.2, pp.253-266, 2015 (Peer-Reviewed Journal)
- III. **A Validated High Performance Liquid Chromatography Method for the Determination of Saxagliptin and Metformin in Bulk, a Stability Indicating Study**  
ÇAĞLAR S., Alp A. R.  
Journal of Analytical & Bioanalytical Techniques, pp.2-4, 2014 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Chapter 16 NBOMe Derivatives of Phenylethylamines and Their Analysis**  
ANILANMERT B., ÇAVUŞ YONAR F., ÇAĞLAR ANDAÇ S.  
in: Chromatographic Techniques in the Forensic Analysis of Designer Drugs, Teresa Kowalska, Mieczysław Sajewicz, Joseph Sherma, Editor, Crc Press (Taylor & Francis Group), Boca Raton, Florida, pp.305-328, 2018

## Refereed Congress / Symposium Publications in Proceedings

- I. **Determination of Acyclovir and Its Prodrug Valacyclovir From Different Pharmaceutical Preparations by HPLC**  
Okuyucu Genç C., Çağlar Andaç S.  
1st International Congress on Analytical Chemistry, Electrochemistry and Separation Techniques" ICACEST'2022, Tlemcen, Algeria, 15 October 2022, pp.1
- II. **Automated Approaches for Sample Preparation of Pharmaceuticals in Biological Fluids**  
Çağlar Andaç S.  
1st International Congress on Analytical Chemistry, Electrochemistry and Separation Techniques" ICACEST'2022, Tlemcen, Algeria, 15 October 2022, pp.1
- III. **"Determination of Covid-19 Drug Favipiravir by Spectrofluorimetry"**  
Evcil I., Çağlar Andaç S., Pehlivanoglu H.  
1st International Congress on Analytical Chemistry, Electrochemistry and Separation Techniques" ICACEST'2022, Tlemcen, Algeria, 15 October 2022, pp.1
- IV. **A Novel Method For Analytical Determination Of Covid-19 Drug, Favipiravir, In Tablets**  
Evcil I., Çağlar Andaç S., Pehlivanoglu H.  
13th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 22 June 2021, pp.1
- V. **Fully Automated On-line Analysis of New Generation Antidiabetics in Human Urine**  
Mohammad A., ÇAĞLAR ANDAÇ S.  
Euroanalysis 2019, İstanbul, Turkey, 1 - 05 September 2019, pp.120
- VI. **Tasarımla Kalite Yaklaşımı ile 68GA-PSMA-11 Radyofarmasötığının Hazırlanması**  
Pehlivanoglu H., Aygün A., Karayel E., Ocak E. M., Sönmezoğlu K., Çağlar Andaç S.  
31.Ulusal Nükleer Tıp Kongresi ve 8.Balkan Nükleer Tıp Kongresi, Muğla, Turkey, 10 - 14 April 2019, pp.120
- VII. **ANALYTICAL QUALITY BY DESIGN IN RADIOCHEMICAL PURITY OF[68Ga]PSMA-11, A PRELIMINARY STUDY**  
Pehlivanoglu H., Ocak E. M., Çağlar Andaç S.  
1 st International Symposium on Graduate Research in Science Focus on Entrepreneurship and Innovation (ISGRS 2018), İstanbul, Turkey, 4 - 06 October 2018, pp.213
- VIII. **A PRELIMINARY STUDY FOR QUALITY BY DESIGN (QbD) IN SMALL-SCALEPREPARATION OF 68GA PSMA11**  
Pehlivanoglu H., Demirci E. M., Çağlar Andaç S.  
1st International Symposium on Graduate Research in Science: Focus on Entrepreneurship and Innovation, İstanbul, Turkey, 4 - 06 October 2018, pp.212
- IX. **CHROMATOGRAPHIC ANALYSIS OF SOME BIOACTIVE COMPOUNDS IN OLIVE OIL SAMPLES IN THE MARKET**  
Okur M. B., Şablak E., ÇAĞLAR ANDAÇ S.  
1st International Symposium on Graduate Research in Science: Focus on Entrepreneurship and Innovation, İstanbul, Turkey, 4 - 06 October 2018, pp.211
- X. **Comparison of Different Sample Preparation Techniques for the Analysis of Small Molecules in Biological Fluids**  
ÇAĞLAR ANDAÇ S.  
7th World Congress on Chemistry, Atina, Greece, 13 - 14 November 2017, pp.28
- XI. **Determination of Some Antidiabetics by High Performance Liquid Chromatography**  
Kahramaner S., Kara N., TERLEMEZ B. E., ÇAĞLAR ANDAÇ S.  
7th World Congress on Chemistry, Atina, Greece, 13 - 14 November 2017, pp.57
- XII. **Oral Presentation**  
ÇAĞLAR ANDAÇ S.  
3rd International Conference and Exhibition on Advances in Chromatography & HPLC Techniques, Berlin, Germany, 13 - 14 July 2017, pp.41
- XIII. **DIRECT ANALYSIS OF DRUGS IN BIOLOGICAL FLUIDS BY ON-LINE CHROMATOGRAPHY**  
ÇAĞLAR ANDAÇ S.  
Gazi Pharma Symposium Series (GPSS) 2015, Antalya, Turkey, 12 - 15 November 2015, pp.2-3

- XIV. **Determination of Doxazosin in Human Plasma Samples by On-Line Solid Phase Extraction Column Switching Liquid Chromatography**  
ÇAĞLAR S., Boos K.  
30th International Symposium on Chromatography (ISC 2014), Salzburg, Austria, 14 - 18 September 2014, pp.1
- XV. **Biyoayırmada Sınırlı Erişim Materyallerinin Kullanımı**  
ÇAĞLAR S.  
8. Ulusal Afinite Teknikleri Kongresi, Konya, Turkey, 4 - 06 September 2014, pp.1
- XVI. **"Biyolojik sıvılardan ilaç analizinde yeni bir yöntem on-line SPE-LC-UV-(MS/MS) ve uygulamaları"**  
ÇAĞLAR S.  
14. Ulusal Kromatografi Kongresi, İzmir, Turkey, 12 - 15 May 2014, pp.1
- XVII. **Direct Simultaneous Determination of Ketamin, Phenobarbital, Zopiclone, Zolpidem, Phenytoin and Thiopental in a Carbonated Caffeine Based Beverage using HPLC-DAD**  
ÇAĞLAR ANDAÇ S., ANILANMERT B., NARİN P. D. İ., AÇIKKOL M.  
Analytica Conference, Münih, Germany, 1 - 03 April 2014
- XVIII. **poster presentation**  
ÇAĞLAR S., Anılanmert B., Narin İ., AÇIKKOL M.  
Analytica Conference 2014, Münih, Germany, 1 - 04 April 2014, pp.1
- XIX. **On-line multidimensional SPE-LC-(UV)-MS/MS as an alternative approach for analyzing small molecules in biological fluids**  
ÇAĞLAR ANDAÇ S., BOOS K. S.  
4th International Conference and Exhibition on Analytical & Bioanalytical Techniques, Las Vegas, United States Of America, 15 - 17 October 2013, pp.96
- XX. **oral presentation**  
ÇAĞLAR S., Boos K. S.  
4th International Conference and Exhibition on Analytical & Bioanalytical Techniques, Las Vegas, United States Of America, 15 - 17 October 2013, pp.1
- XXI. **Oral presentation**  
Boos K., Yu Q., ÇAĞLAR S., Morello R.  
24th International Symposium on Pharmaceutical and Biomedical Analysis, PBA2013, Bologna, Italy, 30 June - 03 July 2013, pp.1
- XXII. **Oral Presentation**  
Boos K., Yu Q., ÇAĞLAR S., Morello R.  
39th International Symposium of High Performance Liquid Phase Separations and Related Techniques, Amsterdam, Netherlands, 16 - 20 June 2013, pp.1
- XXIII. **Applicability of on line solid phase extraction in forensic sciences**  
ÇAĞLAR ANDAÇ S., Boos K., TÜRKMEN Z.  
9th Annual Meeting of the Balkan Academy of Forensic Sciences (BAFS), İstanbul, Turkey, 12 - 15 June 2013, pp.16
- XXIV. **Determination of Rosuvastatin at Picogram Level in Serum by Fluorimetric Derivatization with 9-Anthryldiazomethane using HPLC**  
ÇAĞLAR S., ERTÜRK TOKER S.  
Analytica 2012, Germany, pp.372-375
- XXV. **Spectrophotometric determination of 3-hydroxy-3-methylglutaryl coenzyme-A reductase inhibitors in pharmaceutical preparations**  
ERGİN KIZILÇAY G., ÇAĞLAR ANDAÇ S., ÖNAL A., TOKER S.  
XII.Ulusal Spektroskopi Kongresi, Antalya, Turkey, 18 - 22 May 2011
- XXVI. **A New Spectrophotometric Method for the Determination of Statins in Pharmaceutical Preparations**  
Ergin G., ÇAĞLAR S., ÖNAL A., ERTÜRK TOKER S.  
XIIth National Spectroscopy Congress, with International Participation, Antalya, Turkey, pp.372-375
- XXVII. **Determination of Valacyclovir Hydrochloride in Tablets by Spectrofluorimetry**  
ÇAĞLAR S.  
10) XIIth National Spectroscopy Congress, with International Participation, Antalya, Turkey, 1 - 04 May 2011,

pp.372-375

- XXVIII. **Rapid Quantification of Levetiracetam in Human Plasma and Tablets by Liquid Chromatography**  
ÖNAL A., ÇAĞLAR S.  
IMPPS-3 Third International Meeting on Pharmacy and Pharmaceutical Sciences, Turkey, 1 - 04 June 2010, pp.372-375
- XXIX. **Determination of Linezolid in Tablets with UV Spectrophotometric Methods**  
ÖNAL A., ÇAĞLAR S.  
5th Ulusal Analitik Kimya Kongresi, Erzurum, Turkey, 1 - 04 June 2010, pp.372-375
- XXX. **Development and Validation of a New LC Method Using Fluorescence Detection for Determination of Oseltamivir Phosphate in Capsules**  
AYDOĞMUŞ Z., ÇAĞLAR S.  
5th Black Sea Basin Conference on Analytical Chemistry, Turkey, pp.372-375
- XXXI. **A New HPLC Method for the Simultaneous Determination of Fat-Soluble Vitamins**  
ÇAĞLAR S., ERTÜRK TOKER S.  
3th National Symposium on HPLC and Mass Spectrometry, Ankara, Turkey, pp.372-375
- XXXII. **Simultaneous Determination of Desloratadine and Pseudoephedrine Sulphate in Tablets by Derivative Spectrophotometry and High Performance Liquid Chromatography**  
ÇAĞLAR S., ERTÜRK TOKER S., Öztunç A.  
Analytica 2008, Germany, pp.372-375
- XXXIII. **Spectrophotometric Method for the Determination of Ropinirole in Tablets**  
ÇAĞLAR S., ÖNAL A.  
1st European Chemistry Congress, Hungary, 1 - 04 August 2006, pp.372-375
- XXXIV. **A Sensitive Spectrophotometric Method for the Determination of Desloratadine in Tablets**  
ÇAĞLAR S., Öztunç A.  
International Sciences On Analytical Sciences, ICAS 2006, Russia, 1 - 04 June 2006, pp.372-375

## Supported Projects

ÇAĞLAR ANDAÇ S., PEHLİVANOĞLU H., KAPLAN M. A., Project Supported by Higher Education Institutions, Meme Kanseri Tedavisinde Kullanılan Doksorubisinin Plazmadan Yüksek Performanslı Sıvı Kromatografisi ile Tayini, 2022 - Continues

ÇAĞLAR ANDAÇ S., EVCİL I., Project Supported by Higher Education Institutions, COVID19 Tedavisinde Kullanılan Favipiravirin Tabletlerden Tayini için UV Spektrometrik ve Spektrofluorimetrik Yöntemler, 2021 - Continues

ÇAĞLAR ANDAÇ S., OKUYUCU GENÇ C., Project Supported by Higher Education Institutions, Asiklovirin Farklı Farmasötik Formülasyonlardan Yüksek Performanslı Sıvı Kromatografik Tayinleri, 2021 - Continues

ÇAĞLAR ANDAÇ S., Project Supported by Higher Education Institutions, Sefuroksim Aksetilin Anne Sütünden Tayini, 2021 - Continues

Çağlar Andaç S., Korkmaz Ö. A., TUBITAK Project, "İlaç Etken Maddeleri ve Farmasötik Preparatlardan Karsinojenik N-Nitrozamin Safsızlıklarının Tayinleri için Analitik Metot Geliştirilmesi", 2023 - 2025

Çağlar Andaç S., Özdemir E., Acar Y., Project Supported by Higher Education Institutions, Tikagrelorün Asetilsalisilik Asit varlığında Yüksek Performanslı Sıvı Kromatografisi ile Tayini, 2023 - 2024

ÇAĞLAR ANDAÇ S., PEHLİVANOĞLU H., OCAK DEMİRCİ E. M., Project Supported by Higher Education Institutions, 68Ga PSMA 11 Üretimine ve Radyokimyasal Safılık Analizine Tasarımla Kalite QbD Prensiplerine Göre Kalite Uygulaması, 2019 - 2019

ÇAĞLAR ANDAÇ S., Project Supported by Higher Education Institutions, Comparison of Different Sample Preparation Techniques for the Analysis of Small Molecules in Biological Fluids, 2017 - 2018

ÇAĞLAR ANDAÇ S., Project Supported by Higher Education Institutions, Clenbuterolün Yüksek Performanslı Sıvı Kromatografik Tayini, 2015 - 2018

ÇAĞLAR ANDAÇ S., Project Supported by Higher Education Institutions, DIRECT ANALYSIS OF DRUGS IN BIOLOGICAL FLUIDS BY ON-LINE CHROMATOGRAPHY, 2015 - 2016

ÇAĞLAR ANDAÇ S., Project Supported by Higher Education Institutions, Bazı Tip 2 Diyabet İlaçlarının On-line Katı Faz Ekstraksiyonu Yüksek Performanslı Sıvı Kromatografisi Yöntemi ile Biyolojik Sıvılardan Doğrudan Tayini, 2014 - 2016

ÇAĞLAR ANDAÇ S., Project Supported by Higher Education Institutions, Biyolojik Sıvılardan İlaç Analizlerinde On-line Katı Faz Ekstraksiyonu Yöntemi, 2014 - 2016

ÇAĞLAR ANDAÇ S., Project Supported by Higher Education Institutions, Biyoayırmada Sınırlı Geçiş Materyallerinin Kullanımı, 2014 - 2014

ÇAĞLAR ANDAÇ S., Project Supported by Higher Education Institutions, Determination of Doxazosin by On-Line Solid Phase Extraction Column Switching Liquid Chromatography, 2014 - 2014

ÇAĞLAR ANDAÇ S., Project Supported by Higher Education Institutions, Dipeptidil Peptidaz-4 İnhibitörü olan Gliptinlerin Tabletlerden Tek Başına ve Metformin ile Simultane Analizleri için Türev Spektrometrik, Spektrofluorimetrik ve Yüksek Performanslı Sıvı Kromatografik Tayinleri, 2013 - 2014

ÇAĞLAR ANDAÇ S., Project Supported by Higher Education Institutions, Valasiklovir ve Aktif Metaboliti Asiklovirin Tabletlerden Tayini için Yeni Bir Yöntem, 2013 - 2014

ÇAĞLAR ANDAÇ S., Project Supported by Higher Education Institutions, On-line multidimensional SPE-LC-(UV)-MS/MS as an alternative approach for analyzing small molecules in biological fluids, 2013 - 2013

## Activities in Scientific Journals

Chromatography And Separation Techniques Journal, Publication Committee Member, 2017 - Continues

Austin Journal of Analytical and Pharmaceutical Chemistry, Publication Committee Member, 2014 - Continues

Publication Committee Member, 2017 - 2018

## Scientific Refereeing

Istanbul Journal of Pharmacy, National Scientific Refreed Journal, March 2024

FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, December 2023

Literatür Eczacılık Bilimleri Dergisi, National Scientific Refreed Journal, December 2023

JOURNAL OF CHROMATOGRAPHY B: ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, Journal Indexed in SCI-E, November 2023

JOURNAL OF CHROMATOGRAPHY B: ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, Journal Indexed in SCI-E, November 2023

Journal of Mass Spectrometry, Journal Indexed in SCI-E, August 2023

Journal of Mass Spectrometry, Journal Indexed in SCI-E, October 2022

JOURNAL OF ANALYTICAL TOXICOLOGY, Journal Indexed in SCI-E, June 2022

JOURNAL OF AOAC INTERNATIONAL, Journal Indexed in SCI-E, June 2021

Journal of Mass Spectrometry, Journal Indexed in SCI-E, December 2020

LUMINESCENCE, Journal Indexed in SCI-E, November 2020

INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, Journal Indexed in SCI-E, October 2020

Journal of Chemical Metrology, Other Journals, May 2020

INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, SCI Journal, December 2019

BMC COMPLEMENTARY AND ALTERNATIVE MEDICINE, SCI Journal, December 2019

Istanbul Journal of Pharmacy, National Scientific Refreed Journal, November 2019

Project Supported by Higher Education Institutions, September 2019

Project Supported by Higher Education Institutions, May 2019

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, July 2018

Journal of Fluorescence, SCI Journal, June 2018

Journal of Mass Spectrometry, SCI Journal, June 2018

Luminescence: the Journal of Biological and Chemical Luminescence, SCI Journal, March 2018

Bioanalysis, SCI Journal, January 2018

Journal of Mass Spectrometry, SCI Journal, January 2018  
Journal of Mass Spectrometry, SCI Journal, November 2017  
Bioanalysis, SCI Journal, October 2017  
Spectrochimica Acta part A, SCI Journal, October 2017  
Istanbul Journal of Pharmacy, National Scientific Refreed Journal, September 2017  
Journal of Fluorescence, SCI Journal, July 2017  
Bioanalysis, SCI Journal, June 2017  
Luminescence, National Scientific Refreed Journal, January 2017  
Luminescence: The Journal of Biological and Chemical Luminescence, SCI Journal, January 2017  
Journal of Chromatography B, SCI Journal, May 2016  
European Journal of Forensic Sciences , Other Indexed Journal, April 2016  
Current Pharmaceutical Biotechnology, SCI Journal, February 2016  
European Journal of Forensic Sciences, Other Indexed Journal, February 2016  
Current Pharmaceutical Analysis, SCI Journal, February 2016  
Royal Society of Chemistry Advances, SCI Journal, December 2015  
Journal of Mass Spectrometry, SCI Journal, September 2015  
Analytical Methods, SCI Journal, August 2015  
JSAC Analytical Sciences, SCI Journal, August 2015  
Analytical Methods, SCI Journal, July 2015  
Journal of Fluorescence, SCI Journal, February 2015  
Marmara Pharmaceutical Journal, National Scientific Refreed Journal, January 2015  
Journal of International Research in Medical and Pharmaceutical Sciences, Other Indexed Journal, December 2014  
Journal of AOAC INTERNATIONAL, SCI Journal, May 2014  
Analytical Letters, SCI Journal, April 2014  
Analytical Letters, SCI Journal, March 2014  
Journal of Fluorescence, SCI Journal, March 2014  
Luminescence: The Journal of Biological and Chemical Luminescence., SCI Journal, March 2014  
Luminescence: The Journal of Biological and Chemical Luminescence., SCI Journal, February 2014  
Luminescence: The Journal of Biological and Chemical Luminescence., SCI Journal, February 2014  
Journal of Fluorescence, SCI Journal, January 2014  
Journal of AOAC International , SCI Journal, January 2014  
Journal of Mass Spectrometry, SCI Journal, October 2013  
Luminescence: The Journal of Biological and Chemical Luminescence, SCI Journal, September 2013  
Analytical Letters, SCI Journal, June 2013  
CHEMISTRY CENTRAL JOURNAL, SCI Journal, May 2013  
International Journal of Biomedical Science, Other Indexed Journal, May 2013  
Pharmaceutical Biology, Other Indexed Journal, March 2013  
Luminescence: The Journal of Biological and Chemical Luminescence, SCI Journal, February 2013  
Luminescence: The Journal of Biological and Chemical Luminescence., SCI Journal, November 2012  
Journal of Chromatography B, SCI Journal, March 2011  
Journal of Chromatography B, SCI Journal, February 2011  
Journal of AOAC International, SCI Journal, October 2010  
Journal of AOAC International , SCI Journal, August 2010  
Journal of AOAC International, SCI Journal, May 2009  
Journal of Chromatography B, SCI Journal, March 2008  
Journal of Chromatography B, SCI Journal, January 2008  
Journal of Chromatography B, SCI Journal, November 2007  
Acta Pharmaceutica, Journal Indexed in SSCI, April 2006

## Scientific Consultations

TEYDEB, Project Consultancy, Istanbul University, Faculty Of Pharmacy , Department Of Basic Pharmaceutical Sciences, Turkey, 2019 - 2020

## Tasks In Event Organizations

Çağlar Andaç S., 1st International Congress on Analytical Chemistry, Electrochemistry and Separation Techniques" ICACEST"2022, Scientific Congress, Algeria, Ekim 2022

## Metrics

Publication: 59

Citation (WoS): 119

Citation (Scopus): 143

H-Index (WoS): 7

H-Index (Scopus): 8

## Congress and Symposium Activities

Euroanalysis 2019, Attendee, İstanbul, Turkey, 2019

ISGRS 2018, Attendee, İstanbul, Turkey, 2018

7th World Congress on Chemistry, Attendee, Athína, Greece, 2017

3rd International Conference and Exhibition on Advances in Chromatography & HPLC Techniques, Session Moderator, Berlin, Germany, 2017

3rd International Conference and Exhibition on Advances in Chromatography & HPLC Techniques, Attendee, Berlin, Germany, 2017

Tübitak KBAG Paneli\_Gözlemci Panelist, Attendee, Ankara, Turkey, 2015

Gazi Pharma Symposium Series (GPSS), 2015, Attendee, Antalya, Turkey, 2015

30th International Symposium on Chromatography (ISC 2014), Attendee, Salzburg, Austria, 2014

8. Ulusal Afinitive Teknikleri Kongresi, Attendee, Konya, Turkey, 2014

14. Ulusal Kromatografi Kongresi, Attendee, İzmir, Turkey, 2014

Analytica 2014, Attendee, Münih, Germany, 2014

Analytica Acta 2013, Attendee, Las Vegas, United States Of America, 2013

Balkan Academy of Forensic Sciences, Attendee, Istanbul, Turkey, 2013

Analytica Conference 2012, Attendee, Münih, Germany, 2012

XIIth National Spectroscopy Congress, with International Participation, Attendee, Antalya, Turkey, 2011

IMPPS-3 Third International Meeting on Pharmacy and Pharmaceutical Sciences, Attendee, Istanbul, Turkey, 2010

5th National Analytical Chemistry Congress with International Participation, Attendee, Erzurum, Turkey, 2010

5th Black Sea Basin Conference on Analytical Chemistry, Attendee, Ordu, Turkey, 2009

3th National Symposium on HPLC and Mass Spectrometry, Attendee, Ankara, Turkey, 2008

Analytica Conference 2008, Attendee, Münih, Germany, 2008

1st European Chemistry Congress, Attendee, Budapest, Hungary, 2006

8th International Symposium On Pharmaceutical Sciences (Isops-8), Attendee, Ankara, Turkey, 2006

## Scholarships

Doktora Sonrası Yurtdışı Araştırma Bursu, YOK, 2011 - 2013

## Awards

ÇAĞLAR ANDAÇ S., Bilimsel Yayın Teşvik Ödülü, TÜBİTAK, June 2015  
ÇAĞLAR ANDAÇ S., Genç Araştırmacı Teşvik Ödülü, 14.Ulusal Kromatografi Kongresi, May 2014  
ÇAĞLAR ANDAÇ S., Bilimsel Yayın Teşvik Ödülleri, Tübitak, January 2013  
ÇAĞLAR ANDAÇ S., Bilimsel Yayın Teşvik Ödülleri, Tübitak, January 2011  
ÇAĞLAR ANDAÇ S., Bilimsel Yayın Teşvik Ödülleri, Tübitak, January 2010  
ÇAĞLAR ANDAÇ S., Bilimsel Yayın Teşvik Ödülleri, Tübitak, January 2007

## Non Academic Experience

Ministry, T.C. Sağlık Bakanlığı , Türkiye İlaç ve Tıbbi Cihaz Kurumu  
Ministry, T.C.Sanayi ve Teknoloji Bakanlığı, KOSGEB  
Ministry, T.C. SANAYİ VE TEKNOLOJİ BAKANLIĞI , Ar-Ge Teşvikleri Genel Müdürlüğü  
Ministry, T.C. SANAYİ VE TEKNOLOJİ BAKANLIĞI , Ar-Ge Teşvikleri Genel Müdürlüğü  
Ministry, T.C. SANAYİ VE TEKNOLOJİ BAKANLIĞI , Ar-Ge Teşvikleri Genel Müdürlüğü  
Ministry, T.C. SANAYİ VE TEKNOLOJİ BAKANLIĞI , Ar-Ge Teşvikleri Genel Müdürlüğü  
Ministry, T.C. SANAYİ VE TEKNOLOJİ BAKANLIĞI , Ar-Ge Teşvikleri Genel Müdürlüğü  
2nd International Conference and Expo on Separation Techniques  
World Congress on Chromatography  
International Conference and Expo on Separation Techniques, A.B.D.  
TÜBİTAK  
Pensilvanya West Chester Üniversitesi, Thermo Scientific Firması ortak projesi, Thermo Scientific Uygulama Laboratuvarı, Franklin, MA, A.B.D.  
İstanbul Üniversitesi, Fen Fakültesi, Moleküler Biyoloji ve Genetik Bölümü  
Linguadue Milano, İtalyanca Dil Kursu  
Münih Üniversitesi, Tıp Fakültesi Hastanesi, Klinik Kimya Enstitüsü, Biyoayırma Laboratuvarı  
Deutsche Akademie, Münih, Almanca Dil kursu  
Munich International University Club, LMU, Ludwig-Maximilians-Universität München  
Ludwig Maximilian Universität, Internationaler Universitätsclub München, Almanca Kursu  
Quality Academia  
GATA Biyokimya Klinik Biyokimya Anabilim Dalı  
Atina Teknik Üniversitesi, Kimya Mühendisliği/Malzeme Bilimleri ve Mühendisliği