

# Prof. İNCİLAY SÜSLÜ

## Personal Information

**Office Phone:** [+90 312 305 1499](tel:+903123051499) Extension: 1499

**Fax Phone:** [+90 312 311 4777](tel:+903123114777)

**Email:** [isuslu@hacettepe.edu.tr](mailto:isuslu@hacettepe.edu.tr)

**Web:** <https://avesis.hacettepe.edu.tr/isuslu>

## International Researcher IDs

ORCID: 0000-0003-0809-2766

Yoksis Researcher ID: 169986

## Education Information

Doctorate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Analitik Kimya Anabilim Dalı, Turkey 1999 - 2004

Postgraduate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Analitik Kimya Anabilim Dalı, Turkey 1996 - 1999

Undergraduate, Hacettepe University, Eczacılık Fakültesi, Turkey 1991 - 1995

## Foreign Languages

English, B2 Upper Intermediate

## Research Areas

Basic Pharmaceutics Sciences, Health Sciences, Pharmacology and Therapeutics, Analytical Chemistry, Chemistry, Analytical Chemistry, Atomic and Molecular Spectroscopy, Separation Methods, Electromagnetic Methods, Pharmaceutical Analysis, Chromatographic Analysis, Spectroscopical Methods, Natural Sciences

## Academic Titles / Tasks

Professor, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2017 - Continues

Associate Professor, Hacettepe University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2011 - 2017

Assistant Professor, Hacettepe University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2010 - 2011

Lecturer, Hacettepe University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2004 - 2010

Research Assistant, Hacettepe University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 1997 - 2004

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

- I. Electrochemical biosensors for rapid diagnosis of bacterial infections: Design, targets and applications in clinical setting**  
Koçak E., ÖZKUL KOÇAK C., BOZAL PALABIYIK B., SÜSLÜ İ., USLU B.  
Electroanalysis, vol.35, no.11, 2023 (SCI-Expanded)
- II. Electrochemical determination of phosphodiesterase-3 enzyme inhibitor drug Milrinone with nanodiamond modified paste electrode**

Selcuk O., Unal D. N., Dindar c. K., Suslu I., USLU B.

MICROCHEMICAL JOURNAL, vol.181, 2022 (SCI-Expanded)

- III. **Simultaneous Determination of Amlodipine and Irbesartan in Their Pharmaceutical Formulations by Square-Wave Voltammetry**  
PALABIYIK İ. M., Dogan A., SÜSLÜ İ.  
COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, vol.25, no.2, pp.241-251, 2022 (SCI-Expanded)
- IV. **Antitumor activity of Ankaferd Blood Stopper (R) on MCF-7 breast cancer: A proteomic approach to ascertain the mechanism of the action**  
Zeki O. C., NENİ M., ÇELEBİER M., ÖNCÜL S., ERCAN A., SÜSLÜ İ., Haznedarog I. C.  
JOURNAL OF HERBAL MEDICINE, vol.28, 2021 (SCI-Expanded)
- V. **Electrochemical Behavior and Square-Wave Stripping Voltammetric Determination of Roflumilast in Pharmaceutical Dosage Forms**  
ÇELEBİER M., DOĞAN A., SÜSLÜ İ., ALTINÖZ S.  
COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, vol.24, no.3, pp.400-408, 2021 (SCI-Expanded)
- VI. **Indirect square-wave voltammetric determination of cefepime in the presence of formaldehyde**  
SÜSLÜ İ., ÇELEBİER M., Kablan S., Altinöz S.  
Latin American Journal of Pharmacy, vol.35, no.10, pp.2246-2253, 2016 (SCI-Expanded)
- VII. **A Rapid and Simple High-Performance Liquid Chromatographic Method for the Analysis of Ceftriaxone in Perilymph Fluid**  
BOYNUEĞRİ S., SÜSLÜ İ., ÇELEBİER M., ALTINÖZ S.  
LATIN AMERICAN JOURNAL OF PHARMACY, vol.35, no.5, pp.1001-1005, 2016 (SCI-Expanded)
- VIII. **Lower plasma pantoprazole level predicts Helicobacter pylori treatment failure in patients with type 2 diabetes mellitus**  
Sapmaz F., Kalkan I. H., SÜSLÜ İ., DEMİRCİ H., ATASOY P., Guliter S.  
JOURNAL OF DIGESTIVE DISEASES, vol.16, no.9, pp.531-536, 2015 (SCI-Expanded)
- IX. **Electrochemical behaviour investigation and square-wave voltammetric determination of rivaroxaban in pharmaceutical dosage forms**  
SÜSLÜ İ., ÇELEBİER M., Altinoz S.  
ANALYTICAL METHODS, vol.6, no.23, pp.9397-9403, 2014 (SCI-Expanded)
- X. **Validated voltammetric determination of olmesartan medoxomil: Method development and electrochemical behaviors investigation**  
ÇELEBİER M., SÜSLÜ İ., Altinoz S.  
ANALYTICAL METHODS, vol.5, no.5, pp.1301-1306, 2013 (SCI-Expanded)
- XI. **Determination of Glimepiride in Pharmaceutical Formulations by Square - Wave Voltammetric Method**  
SÜSLÜ İ., Altinoz S.  
CURRENT ANALYTICAL CHEMISTRY, vol.7, no.4, pp.333-340, 2011 (SCI-Expanded)
- XII. **Simultaneous Determination of Olmesartan Medoxomil and Amlodipine Besylate in Pharmaceutical Formulations by Capillary Zone Electrophoresis**  
ÇELEBİER M., SÜSLÜ İ., Altinoz S.  
LATIN AMERICAN JOURNAL OF PHARMACY, vol.30, no.4, pp.753-758, 2011 (SCI-Expanded)
- XIII. **Voltammetric Determination of Candesartan Cilexetil in Its Cu(II) Complex and Application to Pharmaceutical Formulations**  
SÜSLÜ İ., ÖZALTIN N., Altinoz S.  
JOURNAL OF AOAC INTERNATIONAL, vol.93, no.2, pp.562-568, 2010 (SCI-Expanded)
- XIV. **Square-wave adsorptive stripping voltammetric determination of candesartan cilexetil in pharmaceutical formulations**  
SÜSLÜ İ., ÖZALTIN N., Altinoz S.  
JOURNAL OF APPLIED ELECTROCHEMISTRY, vol.39, no.9, pp.1535-1543, 2009 (SCI-Expanded)
- XV. **CONTINUOUS WAVELET TRANSFORM FOR THE RESOLUTION OF THE OVERLAPPING VOLTAMMETRIC SIGNALS AND SIMULTANEOUS DETERMINATION OF LEVODOPA AND BENSERAZIDE**

- SÜSLÜ İ., Dinc E., Demircan S., Altinoz S.  
REVIEWS IN ANALYTICAL CHEMISTRY, vol.28, no.2, pp.137-149, 2009 (SCI-Expanded)
- XVI. **Electrochemical behavior of quinapril and its determination in pharmaceutical formulations by square-wave voltammetry at a mercury electrode**  
SÜSLÜ İ., ALTINÖZ S.  
PHARMAZIE, vol.63, no.6, pp.428-433, 2008 (SCI-Expanded)
- XVII. **Optimisation, validation and application of a capillary electrophoretic method for the determination of zafirlukast in pharmaceutical formulations**  
Suslu I., Demircan S., Altinoz S., Kir S.  
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.44, no.1, pp.16-22, 2007 (SCI-Expanded)
- XVIII. **Determination of rosuvastatin in pharmaceutical formulations by capillary zone electrophoresis**  
Sueslue I., Celebier M., Altinoez S.  
CHROMATOGRAPHIA, vol.66, 2007 (SCI-Expanded)
- XIX. **A reversed-phase high-performance liquid chromatographic method for the determination of zafirlukast in pharmaceutical formulations and human plasma**  
Suslu I., Altinoz S.  
JOURNAL OF AOAC INTERNATIONAL, vol.89, no.6, pp.1557-1564, 2006 (SCI-Expanded)
- XX. **Electrochemical characteristics of zafirlukast and its determination in pharmaceutical formulations by voltammetric methods**  
Suslu I., Altinoz S.  
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.39, pp.535-542, 2005 (SCI-Expanded)
- XXI. **Differential pulse adsorptive stripping voltammetric determination of zafirlukast in pharmaceutical formulations**  
Suslu I., Altinoz S.  
ANALYTICAL LETTERS, vol.38, no.10, pp.1625-1639, 2005 (SCI-Expanded)
- XXII. **Determination of pantoprazole in pharmaceutical formulations and human plasma by square-wave voltammetry**  
Altinoz S., Suslu I.  
ANALYTICAL LETTERS, vol.38, no.9, pp.1389-1404, 2005 (SCI-Expanded)
- XXIII. **Determination of piribedil in pharmaceutical formulations by micellar electrokinetic capillary chromatography**  
Yardimci C., Suslu I., Ozaltin N.  
ANALYTICAL AND BIOANALYTICAL CHEMISTRY, vol.379, no.2, pp.308-311, 2004 (SCI-Expanded)
- XXIV. **Application of bromophenol blue and bromocresol purple for the extractive-spectrophotometric determination of ofloxacin**  
Suslu I., Tamer A.  
ANALYTICAL LETTERS, vol.36, no.6, pp.1163-1181, 2003 (SCI-Expanded)
- XXV. **Application of micellar electrokinetic capillary chromatography for the determination of nifedipine and its degradation product in pharmaceutical preparations**  
Ozaltin N., NEMUTLU E., YARDIMCI C., Suslu I.  
ANALYTICAL LETTERS, vol.36, no.2, pp.371-387, 2003 (SCI-Expanded)
- XXVI. **Determination of nifedipine in human plasma by square wave adsorptive stripping voltammetry**  
Ozaltin N., Yardimci C., Suslu I.  
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.30, no.3, pp.573-582, 2002 (SCI-Expanded)
- XXVII. **Two derivative spectrophotometric determinations of indapamide in pharmaceutical dosage forms**  
Suslu I., Altinoz S.  
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.30, no.2, pp.357-364, 2002 (SCI-Expanded)
- XXVIII. **Spectrophotometric determination of enoxacin as ion-pairs with bromophenol blue and bromocresol purple in bulk and pharmaceutical dosage form**  
Suslu I., Tamer A.  
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.29, no.3, pp.545-554, 2002 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Exposure of Hepatocellular Carcinoma Cells to Ankaferd Blood Stopper (R) Alters Cell Death Signaling Networks Confirmed by Oncoproteomic and Genomic Profiling Studies**  
NENNİ M., ÖNCÜL S., ERCAN A., ÇELEBİER M., SÜSLÜ İ., HAZNEDAROĞLU İ. C.  
CURRENT TRADITIONAL MEDICINE, vol.7, no.2, pp.223-235, 2021 (ESCI)
- II. **Electrochemical detection of antioxidant activities of 4-indolyl-5-oxo-6,6 (or 7,7)-dimethyl-1,4,5,6,7,8-hexahydroquinoline derivatives**  
SÜSLÜ İ., ERDOĞAN KABLAN S., Safak C., ŞİMŞEK R.  
JOURNAL OF RESEARCH IN PHARMACY, vol.25, no.1, pp.52-62, 2021 (ESCI)
- III. **Determination of Roflumilast in Pharmaceutical Formulations by Derivative Spectrophotometric Method**  
ATMACA M., SÜSLÜ İ.  
acettepe University Journal of the Faculty of Pharmacy, vol.36, pp.27-49, 2016 (Peer-Reviewed Journal)
- IV. **Effect of internal standard on HPLC analysis of tablet dosage forms An experimental study with statistical comparison**  
ÇELEBİER M., NENNİ M., DOĞAN A., SÜSLÜ İ., ALTINÖZ S.  
Der Pharma Chemica, vol.7, no.6, pp.168-174, 2015 (Scopus)
- V. **Effect of internal standard on HPLC analysis of tablet dosage forms An experimental study with statistical comparison**  
ÇELEBİER M., NENNİ M., DOĞAN A., SÜSLÜ İ., ALTINÖZ S.  
Der Pharma Chemica, vol.7, no.6, pp.168-174, 2015 (Scopus)
- VI. **UV spectrophotometric determination of zafirlukast in pharmaceutical formulations**  
SÜSLÜ İ., ALTINÖZ S.  
Hacettepe Üniversitesi Eczacılık Fakültesi Dergisi, no.27, pp.33-46, 2007 (Peer-Reviewed Journal)
- VII. **Determination of pantoprazole in tablet dosage forms by two different spectrophotometric methods**  
SÜSLÜ İ., ALTINÖZ S., YILDIZ E.  
FABAD, Journal of Pharmaceutical Science, no.28, pp.85-92, 2003 (Peer-Reviewed Journal)
- VIII. **Plesantasyon bozukluklarının oluşturduğu gebelik hipertansiyonu eklampsi ve preeklampsi vakalarının önlenmesi ve tedavisinde kullanılan ilaçlar**  
SÜSLÜ İ., YARDIMCI C., BERRAK D., NEMUTLU E.  
Klinik Bilimler & Doktor, vol.7, no.5, pp.712-719, 2001 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Kromatografik Ayırma Teknikleri**  
USLU B., SAĞIRLI A. O., SÜSLÜ İ., GÜNDEM GÖĞER N., SAĞLIK ASLAN S., ÖZKAN S. A., DOĞAN TOPAL B., KUL D., ARIKSOYSAL D., NEMUTLU E., et al.  
in: Türk Farmakopesi 2017, Yalçın Özkan, Editor, Sağlık Bakanlığı Türkiye İlaç ve Tıbbi Cihaz Kurumu, Ankara, pp.89-96, 2018

## Refereed Congress / Symposium Publications in Proceedings

- I. **Proteomic Investigation of In-Vitro Antineoplastic Effect of Ankaferd Hemostat with 2D Gel Electrophoresis and MALDI-TOF/TOF-MS in HepG2, Caco-2 and HT-29 Cancer Cells**  
NENNİ M., ÇELEBİER M., SÜSLÜ İ., HAZNEDAROĞLU İ. C.  
The International Society on Thrombosis and Hemostasis (ISTH), 6 - 10 July 2019
- II. **Proteomic Investigation of Ankaferd Hemostat Application on MCF-7 Breast Cancer Cell Line**  
ZEKİ Ö. C., NENNİ M., ÖNCÜL S., ERCAN A., SÜSLÜ İ., HAZNEDAROĞLU İ. C.

International Multidisciplinary Symposium on Drug Research and Development (DRD), 1 - 03 July 2019

- III. **Identification of Organochlorine Pesticides (OCPs), in Spiked Commercial Cow Milk Samples by GC-MS**  
NENNİ M., ZEKİ Ö. C., SÜSLÜ İ., ÇELEBİER M., ALTINÖZ S.  
12th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2018
- IV. **Investigation of The Effect of Commercial Herbal Mixture on HepG2 Liver Cancer Cell Line by Proteomic Approach**  
NENNİ M., ÖNCÜL S., ERCAN A., SÜSLÜ İ., ÇELEBİER M., HAZNEDAROĞLU İ. C.  
12th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2018
- V. **ACIDITY DISSOCIATION CONSTANT DETERMINATION OF GABAPENTIN BY POTENTIOMETRIC METHODS**  
Zeki Ö. C., DOĞAN A., KOÇAK E., SÜSLÜ İ.  
2nd International Gazi Pharma Symposium Series (GPSS-2017), 11 - 13 October 2017
- VI. **MCF-7 Breast Cell Proteome Analysis Determination With New UPLC/MS Method**  
KOÇAK E., ÖNCÜL S., NENNİ M., Kaplan o., ÇELEBİER M., SÜSLÜ İ., ERCAN A., ALTINÖZ S.  
Symposium on Drug Research Development, 5 - 07 October 2017
- VII. **A New Hplc Method for Determination of Naproxen in Human Plasma Samples**  
NENNİ M., ÇELEBİER M., SÜSLÜ İ., ALTINÖZ S.  
Symposium on Drug Research Development, 5 - 07 October 2017
- VIII. **Identification of Polychlorinated Biphenyls (PCBs) in Spiked Human Plasma Samples by GC-MS**  
NENNİ M., zeki ö. c., SÜSLÜ İ., ÇELEBİER M., ALTINÖZ S.  
Symposium on Drug Research Development, 5 - 07 October 2017
- IX. **Assit Ayırıcı Tanısında Assit Metabolom Tayini için Sıvı Kromatografisi Kütle Spektroskopisi (LC-Q TOF-MS) Yöntemi Geliştirilmesi**  
Kaplan O., ÇELEBİER M., SÜSLÜ İ., Öztürk ö., ALTINÖZ S.  
Uluslararası Katılımlı 15. Ulusal Spektroskopi Kongresi, Turkey, 17 - 19 May 2017
- X. **Ultrafiltration based extraction and high performance liquid chromatographic analysis of ceftriaxone in human plasma and perilymph fluid samples**  
NENNİ M., Kaplan O., SÜSLÜ İ., ÇELEBİER M., Boynueğri S., ALTINÖZ S.  
10th Aegean Analytical Chemistry Days (AACD 2016), 29 September - 02 October 2016
- XI. **Hacettepe Üniversitesi Eczacılık Fakültesi Lisans Programı ve Bologna süreci çalışmaları**  
ERDOĞAN S., TEL B. C., SÜSLÜ İ., YABANOĞLU ÇİFTÇİ S., SÖZEN ŞAHNE B., SAYGILI N., ERCİL D., ELDEM T., Tatl Çankaya İ., TOZKOPARAN B., et al.  
I. Ulusal Eczacılık Eğitimi ve Akreditasyon Kongresi, Turkey, 9 - 10 May 2016
- XII. **Effect of rosemary extracts on cholesterol levels determined by gas chromatography mass spectrometry in liver of colon cancer model mice**  
SÜSLÜ İ., JOSE A M., KOÇAK E., ALMUDENA P., VICENTE M., ELENA I., ALEJANDRO C.  
International Multidisciplinary Symposium on Drug Research & Development (DRD 2015), Turkey, 15 - 17 October 2015
- XIII. **Indirect square wave voltammetric determination of cefepime in the presence of formaldehyde**  
SÜSLÜ İ., ÇELEBİER M., SEVİLAY K. E., ALTINÖZ S.  
International Multidisciplinary Symposium on Drug Research & Development (DRD 2015), Turkey, 15 - 17 October 2015
- XIV. **Square wave stripping voltammetric determination of roflumilast in pharmaceutical formulations**  
SÜSLÜ İ., ÇELEBİER M., ALTINÖZ S.  
International Multidisciplinary Symposium on Drug Research & Development (DRD 2015), Turkey, 15 - 17 October 2015
- XV. **Bologna Süreci Çalışmaları Sonrası Hacettepe Üniversitesi Eczacılık Fakültesi Lisans Programına Bakış**  
TEL B. C., ERDOĞAN S., SÜSLÜ İ., YABANOĞLU ÇİFTÇİ S., SÖZEN ŞAHNE B., SAYGILI N., ERCİL D., ELDEM T., İREM T. Ç., TOZKOPARAN B., et al.

I. Bologna Süreci Arařtırmaları Kongresi, Ankara, Turkey, 17 - 18 September 2015

XVI. **Effect of internal standard on HPLC analysis of tablet dosage forms An experimental study with statistical comparison**

ÇELEBİER M., NENNİ M., DOĞAN A., SÜSLÜ İ., ALTINÖZ S.

11th International Symposium on Pharmaceutical Sciences (ISOPS), 9 - 12 June 2015

XVII. **A new alternative to solid phase extraction of ceftriaxone in human plasma samples ultrafiltration based extraction and HPLC analysis**

ÇELEBİER M., SÜSLÜ İ., SÜLEYMAN B., ALTINÖZ S.

11th International Symposium on Pharmaceutical Sciences (ISOPS), 9 - 12 June 2015

XVIII. **Effect of International Standard on HPLC Analysis of Tablet Dosage Forms An Experimental Study with Statistical Comparison**

ÇELEBİER M., NENNİ M., DOĞAN A., SÜSLÜ İ., ALTINÖZ S.

ISOPS, 11th International Symposium On Pharmaceutical Sciences, 9 - 12 June 2015

## Supported Projects

SÜSLÜ İ., NENNİ M., Project Supported by Higher Education Institutions, Ankaferd Hemostat'ın MCF-7 Meme Kanseri Hücrelerine Etkisi, 2019 - 2020

SÜSLÜ İ., Nenni M., Project Supported by Higher Education Institutions, HEPG2,CACO-2 VE HT-29 KANSER HÜCRELERİNDE 2D JEL ELEKTROFOREZ VE MALDI-TOF/TOF-MS İLE ANKAFERD HEMOSTAT'IN İN-VİTRO ANTİNEOPLASTİK ETKİSİNİN PROTEOMİK AÇIDAN ARAŞTIRILMASI, 2018 - 2019

SÜSLÜ İ., Project Supported by Higher Education Institutions, Kolon kanserine karşı doğal bileşiklerin antiproliferatif aktivitesinin araştırılmasında in vivo elde edilen dokuların gaz kromatografisi-kütle spektrometrisi (GC-MS) analizleri, 2015 - 2016

## Metrics

Publication: 55

Citation (WoS): 228

Citation (Scopus): 274

H-Index (WoS): 9

H-Index (Scopus): 9