

## Assoc. Prof. EBRU UÇAKTÜRK

### Personal Information

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### International Researcher IDs

ORCID: 0000-0003-4925-5330

Publons / Web Of Science ResearcherID: A-8442-2013

Yoksis Researcher ID: 167046

### Education Information

Doctorate, Hacettepe University, Eczacılık Fakültesi Sağlık Bilimleri Enstitüsü, Analitik Kimya Anabilimdalı, Turkey 2006 - 2012

Postgraduate, Hacettepe University, Eczacılık Fakültesi Sağlık Bilimleri Enstitüsü, Eczacılık Temel Bilimleri Anabilim Dalı, Turkey 2003 - 2006

Undergraduate, Hacettepe University, Kimya Eğitim, Turkey 1996 - 2001

### Foreign Languages

English, C1 Advanced

German, B1 Intermediate

### Dissertations

Doctorate, Ezetimib`in biyolojik materyalden analizi için gaz kromatografisi-kütle spektrometrisi yönteminin geliştirilmesi, Hacettepe Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2012

Postgraduate, Parasetamol ve 4-aminofenolün ters iyon çifti yüksek performanslı sıvı kromatografisi ile analizi, Hacettepe Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2006

### Research Areas

Basic Pharmaceutics Sciences, Health Sciences, Pharmacology and Therapeutics, Analytical Chemistry

### Academic Titles / Tasks

Expert, Hacettepe University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2012 - Continues

Research Assistant, Hacettepe University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2002 - 2012

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

- I. **Effect of the Mobile Phase Compositions on the Confirmation Analysis of Some Prohibited Substances in Sport by LC-ESI-MS/MS**  
UÇAKTÜRK E., BAŞARAN A. A., DEMİREL A. H.  
Chromatographia, vol.83, pp.1397-1411, 2020 (SCI-Expanded)
- II. **Changes in composition and sulfation patterns of glycoaminoglycans in renal cell carcinoma**  
UÇAKTÜRK E., AKMAN O., Sun X., Baydar D. E., Dolgun A., Zhang F., Linhardt R. J.  
GLYCOCONJUGATE JOURNAL, vol.33, no.1, pp.103-112, 2016 (SCI-Expanded)
- III. **Development of Sensitive and Specific Analysis of Vildagliptin in Pharmaceutical Formulation by Gas Chromatography-Mass Spectrometry**  
UÇAKTÜRK E.  
JOURNAL OF ANALYTICAL METHODS IN CHEMISTRY, 2015 (SCI-Expanded)
- IV. **Capillary electrophoresis for total glycosaminoglycan analysis**  
Ucakturk E., Cai C., Li L., Li G., Zhang F., Linhardt R. J.  
ANALYTICAL AND BIOANALYTICAL CHEMISTRY, vol.406, no.19, pp.4617-4626, 2014 (SCI-Expanded)
- V. **Adulteration Determining of Pharmaceutical Forms of Ginkgo biloba Extracts from Different International Manufacturers**  
DEMİREZER L. Ö., Buyukkaya A., UÇAKTÜRK E., Kuruuzum-Uz A., GÜVENALP Z., PALASKA E.  
RECORDS OF NATURAL PRODUCTS, vol.8, no.4, pp.394-400, 2014 (SCI-Expanded)
- VI. **Adulteration Determining of Pharmaceutical Forms of Ginkgo biloba Extract from Different International Manufacturers**  
DEMİREZER L. Ö., BÜYÜKKAYA A., UÇAKTÜRK E., UZ A., GÜVENALP Z., PALASKA E.  
Rec. Nat. Prod, vol.8, pp.394-400, 2014 (SCI-Expanded)
- VII. **Ultrasensitive Detection and Quantification of Acidic Disaccharides Using Capillary Electrophoresis and Quantum Dot-Based Fluorescence Resonance Energy Transfer**  
Chang Y., Cai C., Li L., Miao J., Ucakturk E., Li G., Ly M., Linhardt R. J.  
ANALYTICAL CHEMISTRY, vol.85, no.19, pp.9356-9362, 2013 (SCI-Expanded)
- VIII. **Development of a gas chromatography-mass spectrometry method for the analysis of sitagliptin in human urine**  
Ucakturk E.  
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.74, pp.71-76, 2013 (SCI-Expanded)
- IX. **Optimization of a gas chromatography-mass spectrometry method using chemometric techniques for the determination of ezetimibe in human plasma**  
UÇAKTÜRK E., OZALTIN N.  
TURKISH JOURNAL OF CHEMISTRY, vol.37, no.5, pp.734-745, 2013 (SCI-Expanded)
- X. **The development and validation of a gas chromatography-mass spectrometry method for the determination of metformin in human plasma**  
Ucakturk E.  
ANALYTICAL METHODS, vol.5, no.18, pp.4723-4730, 2013 (SCI-Expanded)
- XI. **Analysis of glycoforms on the glycosylation site and the glycans in monoclonal antibody biopharmaceuticals**  
Ucakturk E.  
JOURNAL OF SEPARATION SCIENCE, vol.35, no.3, pp.341-350, 2012 (SCI-Expanded)
- XII. **HPLC Fingerprinting of Sennosides in Laxative Drugs with Isolation of Standard Substances from Some Senna Leaves**  
DEMİREZER L. Ö., KARAHAN N., UÇAKTÜRK E., UZ A., GÜVENALP Z., KAZAZ C.  
RECORDS OF NATURAL PRODUCTS, vol.5, pp.261-270, 2011 (SCI-Expanded)
- XIII. **HPLC Fingerprinting of Sennosides in Laxative Drugs with Isolation of Standard Substances from Some Senna Leaves**  
DEMİREZER L. Ö., KARAHAN N., UÇAKTÜRK E., KURUUZUM-UZ A., GÜVENALP Z., KAZAZ C.  
RECORDS OF NATURAL PRODUCTS, vol.5, no.4, pp.261-270, 2011 (SCI-Expanded)
- XIV. **Determination of Milnacipran in Human Plasma Using GC-MS**

UÇAKTÜRK E., SAFAK C.

CHROMATOGRAPHIA, vol.72, pp.111-119, 2010 (SCI-Expanded)

- XV. **Quantitative analysis of ezetimibe in human plasma by gas chromatography-mass spectrometry**

UÇAKTÜRK E., OZALTIN N., KAYA B.

JOURNAL OF SEPARATION SCIENCE, vol.32, no.11, pp.1868-1874, 2009 (SCI-Expanded)

- XVI. **Simultaneous determination of ezetimibe and simvastatin in pharmaceutical formulations by dual-mode gradient LC**

OEZALTIN N., Ucaktuerk E.

CHROMATOGRAPHIA, vol.66, 2007 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Sporcularda Yasaklı Düşük Molekül Ağırlıklı Peptitlerin HILIC-MS/MS ile Analizi**  
UÇAKTÜRK E., Kaçar T., Önal S., BAŞARAN A. A.  
17th Ulusal Kromatografi Kongresi – KROMATOGRAFİ'17, Turkey, 20 - 22 September 2017
- II. **CAPILLARY ELECTROPHORESIS FOR TOTAL GLYCOSAMINOGLYCAN ANALYSIS**  
UÇAKTÜRK E., Cai C., Li L., Li G., Zhang F., Linhardt R. J.  
18th European Carbohydrate Symposium, 2 - 06 August 2015
- III. **Optimization of gas chromatography mass spectrometry method using chemometric methods for the determination of ezetimibe in human plasma**  
UÇAKTÜRK E., ÖZALTIN N.  
10th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2012
- IV. **Determination of glycan profiling and glycosylation site in therapeutic monoclonal antibodies Rituximab and Trastuzumab**  
UÇAKTÜRK E., Joo An H., Lebrilla C.  
The 5th Summer School Mass spectrometry in Biotechnology and Medicine, 3 - 09 July 2011
- V. **Glycomic perspective of therapeutic antibodies**  
Özcan S., Joo An H., UÇAKTÜRK E., Lam K., Lebrilla C.  
59th ASMS Conference on Mass Spectrometry and Allied Topics, 5 - 09 June 2011
- VI. **A validated gas chromatography mass spectrometry method for analysis of Ezetimibe in Human plasma**  
UÇAKTÜRK E., ÖZALTIN N., KAYA E. B.  
Euroanalysis 2009, 6 - 10 September 2009
- VII. **Gaz Kromatografisi Kütle Spektrometresi ile Plazmadan Ezetimib Miktar tayini için Yöntem Geliştirilmesi**  
UÇAKTÜRK E., ÖZALTIN N.  
Kromatografi 2008, Turkey, 9 - 11 June 2008
- VIII. **Simultaneous Determination of Ezetimibe and Simvastatin in Pharmaceutical Formulations by Dual Mode Gradient Liquid Chromatography**  
ÖZALTIN N., UÇAKTÜRK E.  
12th International Meeting on Recent Developments in Pharmaceutical Analysis, 23 - 26 September 2007
- IX. **Determination of paracetamol and 4 aminophenol by reversed phased ion pairing high performance liquid chromatography**  
UÇAKTÜRK E., YEŞİLADA A., BAŞCI N. E., ULUBAYRAM K.  
8th International Symposium on Pharmaceutical Sciences, 13 June - 16 September 2006

## Supported Projects

UÇAKTÜRK E., Project Supported by Higher Education Institutions, Formaline Fikse Parafine Gömülü Dokulardan

Proteoglikanların İzolasyonu ve Analizi, 2016 - 2020

GÜRSOY R. N., GÜMÜŞEL B., TÜYLÜ KÜÇÜKKILINÇ Z. T., SABUNCUOĞLU S., ŞÖHRETOĞLU D., KILIÇ E., ÜNSAL TAN O., YABANOĞLU ÇİFTÇİ S., BAŞCI N. E., AKSOY E. A., et al., Project Supported by Higher Education Institutions, TS EN ISO/IEC 17025 Standardı kapsamında Hacettepe Üniversitesi Eczacılık Fakültesi İlaç ve Kozmetik Ar-Ge ve Kalite Kontrol Laboratuvarının (HÜNIKAL) Akreditasyonu Projesi, 2015 - 2016

UÇAKTÜRK E., Project Supported by Higher Education Institutions, Glikozaminoglikanların toplam analizi için Kapiler Elektroforez, 2015 - 2015

UÇAKTÜRK E., Project Supported by Higher Education Institutions, Glikozaminoglikanlar`ın analizi için yeni analitik yöntemlerin geliştirilmesi, 2014 - 2015

## **Metrics**

Publication: 25

Citation (WoS): 174

Citation (Scopus): 186

H-Index (WoS): 9

H-Index (Scopus): 10

## **Non Academic Experience**

Rensselaer Polytechnic Institute, Center for Biotechnology and Interdisciplinary Studies, Troy, NY, ABD

Analitik Kimya Anabilim dalı, Kaliforniya Üniversitesi, Davis, CA, ABD