

## Assoc. Prof. SEVGİ ASLIYÜCE ÇOBAN

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: HSG-0206-2023

Yoksis Researcher ID: 168869

### Education Information

Doctorate, Hacettepe University, Fen Fakültesi, Kimya/Biyokimya, Turkey 2009 - 2015

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Protein A baskılanmış süpermakrogözenekli poli (hidroksietil-metakrilat) kriyojeller, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Dr), 2015

### Research Areas

Chemistry, Biochemistry, Natural Sciences

### Academic Titles / Tasks

Research Assistant, Hacettepe University, Fen Fakültesi, Kimya Bölümü, 2008 - Continues

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

- I. **Recent Advances in Optical Sensing for the Detection of Microbial Contaminants**  
İDİL N., Aslyüce S., PERÇİN DEMİRÇELİK I., Mattiasson B.  
Micromachines, vol.14, no.9, 2023 (SCI-Expanded)
- II. **Screening the heavy metal removal capacity of magnetically modified fungal biosorbent**  
Aslyüce S.  
Chemical Papers, vol.77, no.8, pp.4331-4344, 2023 (SCI-Expanded)
- III. **Upgrading of bio-separation and bioanalysis using synthetic polymers: Molecularly imprinted polymers (MIPs), cryogels, stimuli-responsive polymers**

ASLIYÜCE ÇOBAN S., İDİL N., Mattiasson B.

ENGINEERING IN LIFE SCIENCES, vol.22, no.3-4, pp.204-216, 2022 (SCI-Expanded)

- IV. **Beauvericin purification from fungal strain using molecularly imprinted cryogels**  
ULUSOY M., ASLIYÜCE ÇOBAN S., KESKİN N., DENİZLİ A.  
PROCESS BIOCHEMISTRY, vol.113, pp.185-193, 2022 (SCI-Expanded)
- V. **Molecularly imprinted nanofilms for endotoxin detection using an surface plasmon resonance sensor**  
ÇİMEN D., ASLIYÜCE ÇOBAN S., TANALP T. D., DENİZLİ A.  
ANALYTICAL BIOCHEMISTRY, vol.632, 2021 (SCI-Expanded)
- VI. **Heavy metal removal with magnetic coffee grain**  
ASLIYÜCE ÇOBAN S., Safarik I., DENİZLİ A.  
TURKISH JOURNAL OF CHEMISTRY, vol.45, no.1, pp.157-166, 2021 (SCI-Expanded)
- VII. **Preparation of lysozyme loaded gelatin microcryogels and investigation of their antibacterial properties**  
ÇETİN K., ASLIYÜCE ÇOBAN S., İDİL N., DENİZLİ A.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, vol.32, no.2, pp.189-204, 2021 (SCI-Expanded)
- VIII. **Combined protein A imprinting and cryogelation for production of spherical affinity material**  
ASLIYÜCE ÇOBAN S., Mattiasson B., DENİZLİ A.  
BIOMEDICAL CHROMATOGRAPHY, vol.33, no.10, 2019 (SCI-Expanded)
- IX. **Synthesis and use of protein G imprinted cryogel as affinity matrix to purify protein G from cell lyaste**  
Asliyuca S., Mattiasson B., Mamo G.  
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, vol.1021, pp.204-212, 2016 (SCI-Expanded)
- X. **Immunoglobulin G recognition with F-ab fragments imprinted monolithic cryogels: Evaluation of the effects of metal-ion assisted-coordination of template molecule**  
ASLIYÜCE ÇOBAN S., UZUN L., SAY R., DENİZLİ A.  
REACTIVE & FUNCTIONAL POLYMERS, vol.73, no.6, pp.813-820, 2013 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Molecular Imprinting Technology for Biomimetic Assemblies**  
BERELİ N., AKGÖNÜLLÜ S., ASLIYÜCE ÇOBAN S., ÇİMEN D., GÖKTÜRK BAŞAL I., TÜRKMEN D., YAVUZ ALAGÖZ H., DENİZLİ A.  
Hacettepe Journal of Biology and Chemistry, vol.48, no.5, pp.575-601, 2020 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **MASS TRANSFER IN CRYOGELS**  
BATTAL D., AKGÖNÜLLÜ S., ÇİMEN D., SAYLAN Y., ASLIYÜCE ÇOBAN S., DENİZLİ A.  
in: CRYOGELS AND MONOLITHS, MATTIASSON B., DENİZLİ A., Editor, PALME DİZGİ-GRAFİK BİRİMİ, Ankara, pp.181-188, 2019

## Supported Projects

ASLIYÜCE ÇOBAN S., ulusoy m., KESKİN N., Project Supported by Higher Education Institutions, Entomopatojen Fungusların Sentezlediği Beauverisinin Bazı Tarım Zararlıları Üzerindeki Etkisinin Araştırılması, 2019 - 2020  
ASLIYÜCE ÇOBAN S., ÇETİN K., Project Supported by Higher Education Institutions, Biyobozunur Antibakteriyel

Mikrokriyojellerin Sentezlenmesi ve Kontrollü Salım ve Antibakteriyel Özelliklerinin İncelenmesi, 2017 - 2019  
ASLIYÜCE ÇOBAN S., DENİZLİ A., Project Supported by Higher Education Institutions, Siyanür yıkımı için Trichoderma spp. gömülü süpermakrogözenekli kriyojeller, 2017 - 2017  
ASLIYÜCE ÇOBAN S., Project Supported by Higher Education Institutions, PROTEİN A BASKILANMIŞ SÜPERMAKROGÖZENEKLİ POLİ HİDROKSİETİLMETAKRİLAT KRİYOJELLER, 2016 - 2016

## **Metrics**

Publication: 12  
Citation (WoS): 36  
Citation (Scopus): 5  
H-Index (WoS): 2  
H-Index (Scopus): 1