

## Res. Asst. ÜLKÜ GÜLER

### Personal Information

Email: ulkuguler@hacettepe.edu.tr

### Education Information

Doctorate, Hacettepe Üniversitesi, Fen Fakültesi, Kimya, Turkey 2012 - Continues

### Dissertations

Postgraduate, TROMBİN VE LİZOZİM' İN ÖZGÜN APTAMER KULLANILARAK ZENGİNLEŞTİRİLMELERİ VE KÜTLE SPEKTROMETRESİ İLE TAYİNLERİ, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 2012

### Research Areas

Chemistry, Analytical Chemistry, Molecular Mass Spectroscopy, Natural Sciences

### Academic Titles / Tasks

Research Assistant, Hacettepe Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2010 - Continues

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Human Gut Commensal Membrane Vesicles Modulate Inflammation by Generating M2-like Macrophages and Myeloid-Derived Suppressor Cells**  
Bulut E. A. , Kocabas B. B. , Yazar V. , Aykut G., GÜLER Ü., SALİH B., Yilmaz N. S. , AYANOĞLU İ. C. , Polat M. M. , AKÇALI K. C. , et al.  
JOURNAL OF IMMUNOLOGY, vol.205, no.10, pp.2707-2718, 2020 (Journal Indexed in SCI)
- II. **Design of an aptamer-based magnetic adsorbent and biosensor systems for selective and sensitive separation and detection of thrombin**  
BAYRAMOĞLU G., Ozalp V. C. , Oztekin M., GÜLER Ü., SALİH B., ARICA M. Y.  
TALANTA, vol.191, pp.59-66, 2019 (Journal Indexed in SCI)
- III. **Lysozyme specific aptamer immobilized MCM-41 silicate for single-step purification and quartz crystal microbalance (QCM)-based determination of lysozyme from chicken egg white**  
Bayramoglu G., OZALP V. C. , Yilmaz M., GULER U., SALİH B., Arica M. Y.  
MICROPOROUS AND MESOPOROUS MATERIALS, vol.207, pp.95-104, 2015 (Journal Indexed in SCI)
- IV. **A Trypsin Immobilized Sol-Gel for Protein Identification in MALDI-MS Applications**  
ÇELİKBIÇAK Ö., ATAKAY M., Guler U., SALİH B.  
ANALYTICAL LETTERS, vol.47, no.4, pp.707-719, 2014 (Journal Indexed in SCI)

### Refereed Congress / Symposium Publications in Proceedings

## I. Enrichment of VEGF Protein on the Aptamer Bind Surfaces and Detection via Mass Spectrometry

HÖÇÜK C., GÜLER TOKAT Ü., SALİH B.

10th Aegean Analytical Chemistry Days, 29 September - 02 October 2016

### Supported Projects

SALİH B., GÜLER TOKAT Ü., Project Supported by Higher Education Institutions, 65. ASMS (American Society for Mass Spectrometry Conferance) konferansında 'Enrichment of Phosfopeptides Using Poly-L-lysine Encapsulated Sol-Gel Material' başlıklı bildiri sunumu, 2017 - 2017

SALİH B., ATAKAY M., KAYILI H. M. , GÜLER TOKAT Ü., Project Supported by Higher Education Institutions, SÜRDÜRÜLEBİLİR KÜTLE SPEKTROMETRİK ÇALIŞMALAR İÇİN LABORATUVAR ALTYAPISININ İYİLEŞTİRİLMESİ, 2015 - 2017

SALİH B., GÜLER TOKAT Ü., Project Supported by Higher Education Institutions, Trombin ve Lizozim'in Özgün Aptamer Kullanılarak Zenginleştirilmeleri ve Kütle Spektrometresi ile Tayinleri, 2012 - 2016

SALİH B., ATAKAY M., GÜLER TOKAT Ü., KAYILI H. M. , Project Supported by Higher Education Institutions, Proteinlerin Ubikitinasyon Bölgelerinin Tayinleri, 2015 - 2015

### Citations

Total Citations (WOS):47

h-index (WOS):3