

Dr. Öğr. Üyesi DUYGU DENİZ USTA SALİMİ

Kişisel Bilgiler

E-posta: denizsalimi@gazi.edu.tr

Web: <https://avesis.gazi.edu.tr/10897>

Uluslararası Araştırmacı ID'leri

ORCID: 0000-0001-5737-7421

Yoksis Araştırmacı ID: 187281

Eğitim Bilgileri

Doktora, Gazi Üniversitesi, Sağlık Bilimleri Enstitüsü, Türkiye 2016 - 2023

Yüksek Lisans, Gazi Üniversitesi, Sağlık Bilimleri Enstitüsü, Tıbbi Biyoloji Ve Genetik (Yıl) (Tezli), Türkiye 2013 - 2016

Yüksek Lisans, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Biyomühendislik Anabilim Dalı (Disiplinlerarası), Türkiye 2011 - 2014

Yaptığı Tezler

Doktora, Kompozit nanoparçacıklar aracılığıyla gerçekleştirilen fototermal terapinin meme kanseri üzerine etkilerinin araştırılması, Gazi Üniversitesi, Sağlık Bilimleri Enstitüsü, 2023

Yüksek Lisans, Afinité Kromatografisiyle Desteklenmiş SERS Tabanlı Biyosensörler Aracılığıyla Diol Gruplu Biyomolekül Tayini, Gazi Üniversitesi, Sağlık Bilimleri Enstitüsü, Tıbbi Biyoloji Ve Genetik (Yıl) (Tezli), 2016

Yüksek Lisans, KOLON KANSER HÜCRELERİ İÇİN ALTIN KAPLI MANYETİK YÜKLÜ TRANSFEKSİYON AJANLARININ KULLANILMASI, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Biyomühendislik Anabilim Dalı (Disiplinlerarası), 2014

Araştırma Alanları

Sağlık Bilimleri

Akademik Unvanlar / Görevler

Dr. Öğr. Üyesi, Gazi Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri, 2024 - Devam Ediyor

Araştırma Görevlisi, İstanbul Medeniyet Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2013 - Devam Ediyor

Araştırma Görevlisi, İstanbul Medeniyet Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2013 - Devam Ediyor

Akademik İdari Deneyim

Koordinatör Yardımcısı, Gazi Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri, 2024 - Devam Ediyor

Verdiği Dersler

Lisans

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Transcriptomic investigation of NP toxicity on HepaRG spheroids**
Tucer M. E., Tunc N., Tucer S., Acar R., YILMAZ USTA D., SALİMİ K., KONU KARAKAYALI Ö., ŞEKER U. Ö. S. CHEMICO-BIOLOGICAL INTERACTIONS, cilt.405, 2025 (SCI-Expanded)
- II. **MicroRNA expression profile of alveolar epithelial cells infected with *< i>Aspergillus fumigatus</i>***
YAR SAĞLAM A. S., KALKANCI A., Salimi D. D., Escan F., FİDAN I., GÜZEL TUNÇCAN Ö. JOURNAL OF APPLIED GENETICS, cilt.65, sa.3, ss.627-634, 2024 (SCI-Expanded)
- III. **Determination of *< i>In Vitro</i> and *< i>In Vivo</i>* Effects of Taxifolin and Epirubicin on Epithelial-Mesenchymal Transition in Mouse Breast Cancer Cells***
Ocak M., Usta D. D., Arik Erol G. N., Kaplanoglu G., Konac E., Yar Saglam A. S. TECHNOLOGY IN CANCER RESEARCH & TREATMENT, cilt.23, 2024 (SCI-Expanded)
- IV. **Bio-inspired NIR responsive Au-pDA@pDA sandwich nanostructures with excellent photo-thermal performance and stability**
Usta D. D., Celebi N., Soysal F., Yar Sağlam A. S., Yıldız N., Salimi K. COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS, cilt.611, 2021 (SCI-Expanded)
- V. **Ti (IV) attached-phosphonic acid functionalized capillary monolith as a stationary phase for in-syringe-type fast and robust enrichment of phosphopeptides**
Salimi K., Kip C., Çelikbıçak Ö., Usta D. D., Pınar A., Salih B., Tuncel A. BIOMEDICAL CHROMATOGRAPHY, cilt.33, sa.6, 2019 (SCI-Expanded)
- VI. **Isolation of RNA and beta-NAD by phenylboronic acid functionalized, monodisperse-porous silica microspheres as sorbent in batch and microfluidic boronate affinity systems**
Kip C., Gulusur H., Celik E., Usta D. D., Tuncel A. COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.174, ss.333-342, 2019 (SCI-Expanded)
- VII. **Protein A and protein A/G coupled magnetic SiO₂ microspheres for affinity purification of immunoglobulin G**
Salimi K., Usta D. D., Koçer Kuloğlu İ., Celik E., Tuncel A. INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.111, ss.178-185, 2018 (SCI-Expanded)
- VIII. **Sensitive plasmonic-photonic nanosensor as a morphologic mask**
Salmanoglu A., Salimi K., Farhadnia F., Usta D. D. OPTICAL MATERIALS, cilt.70, ss.73-82, 2017 (SCI-Expanded)
- IX. **Human genomic DNA isolation from whole blood using a simple microfluidic system with silica- and polymer-based stationary phases**
Gunal G., Kip C., Oğut S. E., Usta D. D., Şenlik E., Kibar G., Tuncel A. MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.74, ss.10-20, 2017 (SCI-Expanded)
- X. **Ti(IV) carrying polydopamine-coated, monodisperse-porous SiO₂ microspheres with stable magnetic properties for highly selective enrichment of phosphopeptides**
Salimi K., Usta D. D., Çelikbıçak Ö., Pınar A., Salih B., Tuncel A. COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.153, ss.280-290, 2017 (SCI-Expanded)
- XI. **Highly selective enrichment of phosphopeptides by titanium (IV) attached monodisperse-porous poly(vinylphosphonic acid-co-ethylene dimethacrylate) microspheres**
Salimi K., Usta D. D., Çelikbıçak Ö., Pınar A., Salih B., Tuncel A. JOURNAL OF CHROMATOGRAPHY A, cilt.1496, ss.9-19, 2017 (SCI-Expanded)
- XII. **Highly selective magnetic affinity purification of histidine-tagged proteins by Ni²⁺ carrying monodisperse composite microspheres**
Salimi K., Usta D. D., Koçer Kuloğlu İ., Celik E., Tuncel A.

- RSC ADVANCES, cilt.7, sa.14, ss.8718-8726, 2017 (SCI-Expanded)
- XIII. **A Boronate Affinity-Assisted SERS Tag Equipped with a Sandwich System for Detection of Glycated Hemoglobin in the Hemolysate of Human Erythrocytes**
Usta D. D., Salimi K., Pinar A., Coban I., Tekinay T., Tuncel A.
ACS APPLIED MATERIALS & INTERFACES, cilt.8, sa.19, ss.11934-11944, 2016 (SCI-Expanded)

Düzenlenen Dergilerde Yayınlanan Makaleler

I. Current Treatments for Parkinson's Disease

Aksoy A., Usta Salimi D. D., Yar Sağlam A. S.

Journal of Biomedical Research & Environmental Sciences, cilt.5, sa.12, ss.1602-1615, 2024 (Hakemli Dergi)

Kitaplar

I. Biology and Metabolism of Muscle Tissue

YAR SAĞLAM A. S., USTA SALİMİ D. D.

INHERITED METABOLIC MYOPATHIES, Prof. Dr. İlyas OKUR, Editör, TÜRKİYE KLİNİKLERİ, Ankara, ss.1-109, 2024

Hakemli Bilimsel Toplantılarda Yayımlanmış Bildiriler

I. Investigation of the Neuroprotective Effects of Resveratrol and Hydrogen sulfide in an in vitro Parkinson's Model

Sahar N. A. K., USTA SALİMİ D. D., YAR SAĞLAM A. S.

9th International Congress of the Molecular Biology Association of Turkey, 12 Eylül 2024

II. Determination of In Vitro and In Vivo Effects of Taxifolin and Epirubicin on Epithelial-Mesenchymal Transition in Mouse Breast Cancer Cells.

Ocak M., Usta Salimi D. D., Arık Erol G. N., Take Kaplanoğlu G., Konaç E., Yar Sağlam A. S.

3rd International Multidisciplinary Cancer Research Congress, İstanbul, Türkiye, 7 - 10 Eylül 2023, ss.93-94

III. Aspergillus fumigatus enfeksiyonu ile ilişkili miRNA'larının hücre kültüründe gösterilmesi

YAR SAĞLAM A. S., KALKANCI A., USTA SALİMİ D. D., EŞCAN F., FİDAN I., GÜZEL TUNÇCAN Ö.

Türk Mikrobiyoloji Kongresi-Uluslararası, Türkiye, 16 Kasım 2022

IV. Photothermal performance of Bio-inspired Au@PDOP Nanocomposites

USTA SALİMİ D. D., SOYSAL F., ÇELEBİ N., SALİMİ K., YILDIZ N.

5th International Conference on Engineering Sciences, 19 Eylül 2019

V. Fabrication of Plasmonic Core-shell Nanostructures for Potential Photothermal Cancer Therapy Applications

USTA SALİMİ D. D., SOYSAL F., SALİMİ K., ÇELEBİ N., YILDIZ N.

5th International Conference on Engineering Sciences, Türkiye, 19 Eylül 2019

VI. A new microfluidic extraction system equipped with a multiple feeding system for human genomic DNA (hg-DNA) isolation from whole-blood

OGUT E., USTA D. D., KİP F. Ç., Salimi K., Senlik E., Gunal Karatas G., TUNCEL S. A.

International Porous and Powder Materials Symposium and Exhibition, PPM 2017, 12 - 15 Eylül 2017

VII. Phosphopeptide enrichment from human-serum via immobilized metal affinity chromatography using phosphonic acid functionalized capillary monolith as a stationary phase in a microfluidic system

USTA D. D., KİP F. Ç., salimi k., ÇELİKBIÇAK Ö., PINAR A., SALİH B., TUNCEL S. A.

45th International Symposium on High Performance Liquid Phase Separations and Related Techniques(HPLC 2017), 18 - 22 Haziran 2017

- VIII. **Monodisperse-porous titania microspheres with biomodal pore-size distribution as a new stationary phase for DNA microextraction.** , June 18-22, 2017 at Prague, Czech Republic.
DURMAZ M., USTA D. D., salimi k., KUBAN A., TUNCEL S. A.
45th International Symposium on High Performance Liquid Phase Separations and Related Techniques (HPLC2017), PRAG, Çek Cumhuriyeti, 18 - 22 Haziran 2017
- IX. **Phosphopeptide enrichment via immobilized metal affinity chromatography using phosphonic acid functionalized capillary monolith as a stationary phase in a microfluidic system**
USTA SALİMİ D. D., KİP F. Ç., SALIMI K., ÇELİKBIÇAK Ö., PINAR A., SALİH B., TUNCEL S. A.
HPLC 2017 PRAGUE, 18 Haziran 2017
- X. **Synthesis and Characterization of Ag Nanoparticle Based Photocatalysts**
KARS DURUKAN İ., USTA D. D., Ediz E., KİP F. Ç., TUNCEL S. A.
Ecology 2017, 11 - 13 Mayıs 2017
- XI. **Newly designed silver coated-magnetic, monodisperse polymeric microbeads for the reduction of nitrophenol**
KARS DURUKAN İ., USTA D. D., ediz e., KİP F. Ç., TUNCEL S. A.
Ecology 2017, 11 - 13 Mayıs 2017, (Özet Bildiri)
- XII. **PHENOL REMOVAL BY MAGNETIC CONTROLLED CONTINUOUS REACTOR SYSTEM**
KARS DURUKAN İ., USTA D. D., Ediz E., Salimi K., TUNCEL S. A.
INTERNATIONAL CONFERENCE ON ENERGY AND THERMAL ENGINEERING: ISTANBUL 2017, 25 - 28 Nisan 2017
- XIII. **SYNTHEZIS AND CHARACTERİZATION OF AUNANOPARTICLE BASED PHOTOCATALYSTS**
KARS DURUKAN İ., USTA D. D., Ediz E., KİP F. Ç., TUNCEL S. A.
INTERNATIONAL CONFERENCE ON ENERGY AND THERMAL ENGINEERING: ISTANBUL 2017, 25 - 28 Nisan 2017
- XIV. **Wastewater Treatment with Magnetic Microspheres**
KARS DURUKAN İ., USTA D. D., ediz e., KİP F. Ç., TUNCEL S. A.
INTERNATIONAL CONFERENCE ON ENERGY AND THERMAL ENGINEERING, İstanbul, Türkiye, 25 - 28 Nisan 2017
- XV. **A New Magnetic silica Based Sorbent for Isolation of Green Fluorescent Protein by Immobilized Metal Affinity Chromatography**
USTA D. D., SALİMİ K., KOÇER İ., ÇELİK AKDUR E., TUNCEL S. A.
HPLC 2016 44th International Symposium on High Performance Liquid Phase Separations and Related Techniques, 19 - 24 Haziran 2016
- XVI. **Polydopamine Coated Magnetic Monodisperse porous Silica Microspheres as a Stationary Phase for Protein Separation by Immobilized Metal Affinity Chromatography IMAC**
USTA D. D., KİP F. Ç., SALİMİ K., ÇELİKKAYA B., TUNCEL S. A.
HPLC 2016 44th International Symposium on High Performance Liquid Phase Separations and Related Techniques, 19 - 24 Haziran 2016
- XVII. **Batch and Microfluidic Isolation of Diol Carrying Biomolecules by a Boronate Affinity Sorbent Based on Monodisperse porous Microspheres**
KİP F. Ç., USTA D. D., SALİMİ K., GÜLÜŞÜR H., TUNCEL S. A.
HPLC 2016 44th International Symposium on High Performance Liquid Phase Separations and Related Techniques, 19 - 24 Haziran 2016
- XVIII. **Phosphopeptide Enrichment using Ti4 Attached Monodisperse porous Poly phosphonic Acid based Microspheres**
SALİMİ K., USTA D. D., ÇELİKBIÇAK Ö., SALİH B., TUNCEL S. A.
HPLC 2016 44th International Symposium on High Performance Liquid Phase Separations and Related Techniques, 19 - 24 Haziran 2016
- XIX. **Magnetic monodisperse Silica Microspheres for Human Genomic DNA Microextraction in batch Fashion**
GÜNAL G., ÖĞÜT E., USTA D. D., SALİMİ K., DEMİR M. C., KİP F. Ç., TUNCEL S. A.
HPLC 2016 44th International Symposium on High Performance Liquid Phase Separations and Related Techniques, 19 - 24 Haziran 2016
- XX. **Immobilized Metal Affinity Microchromatography using Phosphonic Acid Functionalized**

Polymethacrylate based Monolithic Stationary Phases Carrying Lantanide Ions

KİP F. Ç., USTA D. D., HAMALOĞLU K. Ö., ÇAMBAY F., DEMİR M. C., TUNCEL S. A.

HPLC 2016 44th International Symposium on High Performance Liquid Phase Separations and Related Techniques, 19 - 24 Haziran 2016

XXI. A microfluidic Human Genomic DNA Extraction System using Monodisperse porous Silica Microspheres with Bimodal Pore Size Distribution

ÖĞÜT E., KİP F. Ç., GÜNAL G., USTA D. D., İLHAN H., TUNCEL S. A.

HPLC 2016 44th International Symposium on High Performance Liquid Phase Separations and Related Techniques, 19 - 24 Haziran 2016

XXII. Gold Decorated Magnetite Nanoparticles as a Non viral vector Applied in Cell Cultures on Tumor Cell Lines

USTA D. D., TÜRK M., PİŞKİN E.

European Symposium on Biomaterialsand Related Areas 2015, 21 - 22 Nisan 2015

Metrikler

Yayın: 40

Atıf (WoS): 276

Atıf (Scopus): 299

H-İndeks (WoS): 9

H-İndeks (Scopus): 9

Burslar

2211-E Doğrudan Yurt İçi Doktora Burs Programı, TÜBİTAK, 2016 - 2020