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## **Eğitim Bilgileri**

Doktora, Marmara Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, Türkiye 1999 - 2006

Yüksek Lisans, İstanbul Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, Türkiye 1991 - 1994

Lisans, İstanbul Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, Türkiye 1985 - 1991

## **Araştırma Alanları**

Sağlık Bilimleri, Temel Bilimler

## **Akademik Unvanlar / Görevler**

Dr.Öğr.Üyesi, Marmara Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2009 - Devam Ediyor

Yrd.Doç.Dr., Marmara Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2007 - 2009

Araştırma Görevlisi, Marmara Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 1996 - 2006

## **SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler**

- I. **Alginate-Chitosan Hydrogels Containing shRNA Plasmid for Inhibition of CTNNB1 Expression in Breast Cancer Cells**  
CÖMEZ B., ÖZBAŞ S.  
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- II. **Investigation of therapeutic effects in the wound healing of chitosan/pGM-CSF complexes**  
ŞALVA E., ALAN S., Karakoyun B., Cakalagaoglu F., ÖZBAŞ S., Akbuga J.  
BRAZILIAN JOURNAL OF PHARMACEUTICAL SCIENCES, cilt.58, 2022 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

- I. **A New Gene Therapy Approach by Tenascin-C Genome Editing Induces Apoptosis and Cell Cycle Arrest in Triple- Negative Breast Cancer Cells**  
Bareke H., ŞALVA E., ÖZBAŞ S.  
CYPRUS JOURNAL OF MEDICAL SCIENCES, cilt.8, sa.1, ss.20-26, 2023 (ESCI)

- II. **Chitosan-based delivery of CRISPR-Cas9 plasmid in breast cancer stem cells**  
Canak-Ipek T., Avci-Adali M., EKENTOK ATICI C., ŞALVA E., ÖZBAŞ S.  
Journal of Research in Pharmacy, cilt.27, sa.1, ss.86-96, 2023 (Scopus)
- III. **In vitro characterization of alginate-chitosan hydrogels prepared with pH modification**  
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Journal of Research in Pharmacy, cilt.27, sa.6, ss.2405-2415, 2023 (ESCI)
- IV. **Synthesis, structure elucidation and cytotoxic activities of 2,5-disubstituted-1,3,4-thiadiazole and 1,2,4-triazole-3-thione derivatives**  
Kandemir L., KARAKUŞ S., ÖZBAŞ S., Rollas S., Akbuga J.  
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### **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

- I. **Sodium alginate-Chitosan Hydrogels for Gene Delivery**  
CÖMEZ B., ÖZBAŞ S.  
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- II. **The cellular uptake and endosomal escape mechanisms of chitosan-protamine-siRNA nanoplexes for efficient gene transfection and silencing**  
ŞALVA E., EKENTOK C., CÖMEZ B., ÖZBAŞ S., AKBUĞA F. J.  
BioTürkiye International Biotechnology Congress, İstanbul, Türkiye, 9 - 11 Eylül 2021
- III. **Investigation Of Antineoplastic Activity Of Achillea Nobilis Subsp. Neilreichii Plant In Experimental Breast Cancer.**  
Sehlan S. S., HAZAR YAVUZ A. N., EKENTOK C., TAŞKIN T., ALAN S., ÖZBAŞ TURAN S., KABASAKAL L.  
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- IV. **Selection of mammaglobin aptamerselection for targeting breast cancer treatment**  
İpek T. Ç., ŞALVA E., Adalı M. A., ÖZBAŞ S.  
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- V. **In vitro studies on inhibition of mammaglobin gene expression with chitosan/shRNAnanoplexes in breast cancer cell lines**  
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- VI. **In Vitro Studies on Inhibition of Chitosan / siRNA Nanoplexes and Mammaglobin GeneExpression in Breast Cancer Cell Lines**  
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- VII. **The silencing of PDGF B pathway by Chitosan siRNA nanoplexes in therapy of the experimental mesangial proliferative glomerulonephritis**  
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- VIII. **The investigation of effects to cell proliferation and adsorption of new ternary and binary scaffolds**  
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- IX. **Tumor Inhibition by Using Chitosan: siRNA PDGFR-beta in Breast Cancer Model of Rat**  
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19th Annual Meeting of the American-Society-of-Gene-and-Cell-Therapy (ASGCT), Washington, Kiribati, 4 - 07 Mayıs 2016, cilt.24
- X. **The in vitro Investigation of PAI 1 Containing Chitosan Nanoplexes in Hepatocellular Carcinoma**  
AKBUĞA F. J., NAZIKTER BETÜL B., AĞIRBAŞLI M. A., ŞALVA E., TURAN S.

- XV th International Workshop Molecular and Cellular Biologyof Plasminogen Activation, 22 - 26 Eylül 2015
- XI. **Synthesis cytotoxic and antiproliferative activity of sulphanyl amide substituted urea derivatives**  
TÜRK S., KARAKUŞ S., TURAN S., AKBUĞA F. J.  
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- XIII. **The Silencing by Chitosan PDGF B Nanoplexes of Mesangial Cell Proliferation in Renal Disease**  
ŞALVA E., TURAN S., ALAN S., AKBUĞA F. J.  
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- XIV. **Investigation of gene silencing effect of chitosan nanoparticles containing shRNA PDGF-D in breast cancer cell lines**  
Akbuga J., ÖZBAŞ TURAN S., EKENTOK ATICI C.  
ESGCT and NVGCT Collaborative Congress, The Hague, Hollanda, 23 - 26 Ekim 2014, cilt.25
- XV. **Co-Delivery of VEGF siRNA and IL-4 into Chitosan Nanoparticles in Breast Tumor Model of Rat**  
ŞALVA E., ÖZBAŞ TURAN S., KABASAKAL L., EREN F., Alan S., ÖZKAN N., Akbuga J.  
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- XVI. **Discovery of a potent apoptosis inducer in K 562 cancer cell line**  
MEGA TİBER P., ORUN O., Aydin S., TURAN S., AKBUĞA F. J., KÜÇÜKGÜZEL Ş. G.  
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- XVII. **Synthesis Biological Activitiy of Hydrazide Hydrazones And 4 Thiazolidinones Derived From Etodolac**  
ÇIKLA SÜZGÜN P., ÖZSAVCI D., BİNGÖL ÖZAKPINAR Ö., ÇEVİK Ö., ŞENER A., TURAN S., AKBUĞA J., KÜÇÜKGÜZEL Ş. G.  
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- XVIII. **Synthesis and cytotoxic activity of some new substituted 4(3H)-quinazolinone derivatives**  
URAZ M., KARAKUŞ S., TURAN S., AKBUĞA J.  
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- XIX. **Chitosan nanoparticles containing shRNA targeting VEGF as cancer therapeutic**  
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- XX. **Intramuscular Delivery of Antisense Oligonucleotides by Chitosan Nanoparticles**  
Ozbas-Turan S., Akbuga J., Sezer A. D., Salva E.  
18th Annual Congress of the European-Society-of-Gene-and-Cell-Therapy, Milan, İtalya, 22 - 25 Ekim 2010, cilt.21, ss.1452-1453
- XXI. **Topical delivery of antisense oligonucleotide using chitosan nanoparticles**  
ÖZBAŞ TURAN S., Akbuga J., SEZER A. D.  
16th Annual Congress of the European-Society-of-Gene-and-Cell-Therapy, Brugge, Belçika, 13 - 16 Kasım 2008, cilt.19, ss.1167

## Desteklenen Projeler

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## **Patent**

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## **Metrikler**

Yayın: 63

Atıf (WoS): 430

Atıf (Scopus): 528

H-İndeks (WoS): 11

H-İndeks (Scopus): 12