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Education Information

Doctorate, Marmara University, Faculty of Pharmacy, Pharmaceutical Technology, Turkey 1999 - 2006
Postgraduate, Istanbul University, Faculty Of Science, Depertment Of Biology, Turkey 1991 - 1994
Undergraduate, Istanbul University, Faculty Of Science, Depertment Of Biology, Turkey 1985 - 1991

Research Areas

Health Sciences, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Marmara University, Faculty of Pharmacy, Pharmaceutical Technology, 2009 - Continues
Assistant Professor, Marmara University, Faculty of Pharmacy, Pharmaceutical Technology, 2007 - 2009
Research Assistant, Marmara University, Faculty of Pharmacy, Pharmaceutical Technology, 1996 - 2006

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Alginate-Chitosan Hydrogels Containing shRNA Plasmid for Inhibition of CTNNB1 Expression in Breast Cancer Cells**
CÖMEZ B., ÖZBAŞ S.
Gels, vol.9, no.7, 2023 (SCI-Expanded)

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, vol.58, 2022 (SCI-Expanded)

Articles Published in Other Journals

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, vol.8, no.1, pp.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, vol.27, no.1, pp.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, vol.27, no.6, pp.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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Refereed Congress / Symposium Publications in Proceedings

I. **Sodium alginate-Chitosan Hydrogels for Gene Delivery**
CÖMEZ B., ÖZBAŞ S.
20th International Pharmaceutical Technology Symposium, Turkey, 21 - 23 February 2022

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, Turkey, 9 - 11 September 2021

III. **Investıgatıon Of Antıneoplastıc Actıvıty Of Achıllea Nobılıs Subsp. Neılreıchıı Plant In Experımental Breast Cancer.**
Sehlan S. S., HAZAR YAVUZ A. N., EKENTOK C., TAŞKIN T., ALAN S., ÖZBAŞ TURAN S., KABASAKAL L.
International multidiciplinary symposium on drug research development. 01-03 June 2019, Malatya-Turkey, 01 July 2019

IV. **Selection of mammaglobin aptamerselectıon for targeting breast cancer treatment**
İpek T. Ç., ŞALVA E., Adalı M. A., ÖZBAŞ S.
İnternational multidisciplinary symposium on drug research development, Malatya, Turkey, 1 - 03 July 2019

V. **In vitro studies on inhibition of mammaglobin gene expression with chitosan/shRNAnanoplexes in breast cancer cell lines**
ÖZBAŞ TURAN S., ŞALVA E., EKENTOK C., ÖZKAN A.
International IVEC BIO Congress, 26 - 28 November 2018

VI. **In Vitro Studies on Inhibition of Chitosan / siRNA Nanoplexes and Mammaglobin GeneExpression in Breast Cancer Cell Lines**
ÖZBAŞ TURAN S., ŞALVA E., EKENTOK C., ÖZKAVAK Ş. B.
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VII. **The silencing of PDGF B pathway by Chitosan siRNA nanoplexes in therapy of the experimental mesangial proliferative glomerulonephritis**
ŞALVA E., ALAN S., YILMAZ İ., TURAN S., AKBUĞA F. J.
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VIII. **The investigation of effects to cell proliferation and adsorption of new ternary and binary scaffolds**
SİRKECİ A., ŞALVA E., TURAN S., AKBUĞA F. J.
Conference on Changing the Face of Modern Medicine - Stem Cells and Gene Therapy, 18 - 21 October 2016

IX. **Tumor Inhibition by Using Chitosan: siRNA PDGFR-beta in Breast Cancer Model of Rat**
Akbuga J., Turan S., ŞALVA E., ÖZKAN N., KABASAKAL L., Alan S.
19th Annual Meeting of the American-Society-of-Gene-and-Cell-Therapy (ASGCT), Washington, Kiribati, 4 - 07 May 2016, vol.24

X. **The in vitro Investigation of PAI 1 Containing Chitosan Nanoplexes in Hepatocellular Carcinoma**
AKBUĞA F. J., NAZİKTER BETÜL B., AĞIRBAŞLI M. A., ŞALVA E., TURAN S.

XV th International Workshop Molecular and Cellular Biologyof Plasminogen Activation, 22 - 26 September 2015

XI. **Synthesis cytotoxic and antiproliferative activity of sulphanylamide substituted urea derivatives**
TÜRK S., KARAKUŞ S., TURAN S., AKBUĞA F. J.
ISOPS 11th International Symposium on Pharmaceutical Sciences, 9 - 12 June 2015

XII. **PDGF-D Inhibition by Using Chitosan: siRNA Complexes in Breast Cancer Model of Rat**
Akbuga J., ÖZBAŞ TURAN S., KABASAKAL L., Salva E., ÖZKAN N.
18th Annual Meeting of the American-Society-of-Gene-and-Cell-Therapy (ASGCT), Louisiana, United States Of America, 13 - 16 May 2015, vol.23

XIII. **The Silencing by Chitosan PDGF B Nanoplexes of Mesangial Cell Proliferation in Renal Disease**
ŞALVA E., TURAN S., ALAN S., AKBUĞA F. J.
XXI. Annual Meeting German Society for Gene Therapy, Vienna, Austria, 26 - 28 February 2015, pp.84-85

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, Netherlands, 23 - 26 October 2014, vol.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.
16th Annual Meeting of the American-Society-of-Gene-and-Cell-Therapy (ASGCT), Utah, United States Of America, 15 - 18 May 2013, vol.21

XVI. **Discovery of a potent apoptosis inducer in K 562 cancer cell line**
MEGA TİBER P., ORUN O., Aydın S., TURAN S., AKBUĞA F. J., KÜÇÜKGÜZEL Ş. G.
10th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2012, pp.345

XVII. **Synthesıs 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.
International Science & Technolocy Conference ISTEC, 7 - 09 December 2011

XVIII. **Synthesis and cytotoxic activity of some new substituted 4(3H)-quinazolinone derivatives**
URAZ M., KARAKUŞ S., TURAN S., AKBUĞA J.
IMMPC-ISPC JOINT MEETING, Ankara, Turkey, 30 September - 02 October 2010

XIX. **Chitosan nanoparticles containing shRNA targeting VEGF as cancer therapeutic**
Salva E., Ozbas-Turan S., Akbuga J.
18th Annual Congress of the European-Society-of-Gene-and-Cell-Therapy, Milan, Italy, 22 - 25 October 2010, vol.21, pp.1412-1413

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, Italy, 22 - 25 October 2010, vol.21, pp.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, Belgium, 13 - 16 November 2008, vol.19, pp.1167

Supported Projects

Sezer A. D., Akbuğa J., Özbaş S., Enneli B., Project Supported by Higher Education Institutions, Developing Chitosan Base Carrier Systems Containing Antisense Oligonucleotides In vivo Studies, 2007 - 2009

Patent

ÖZBAŞ TURAN S., Antikanser aktiviteye sahip pirano [3,4-/r] indol türevleri, Patent, CHAPTER C Chemistry; Metallurgy, Standard Registration, 2012

Metrics

Publication: 63
Citation (WoS): 430
Citation (Scopus): 528
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