

Prof. EMİNE ŞALVA

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: CAH-3062-2022

Yoksis Researcher ID: 111228

Education Information

Postgraduate, Inonu University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyoloji ve Genetik (YI) (Tezli), Turkey 2015 - 2019

Doctorate, Marmara University, Institute Of Health Sciences, Farmasötik Biyoteknoloji, Turkey 2003 - 2009

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, siRNA için uygun taşıyıcı sistem geliştirilmesi; in vitro ve in vivo çalışmalar, Marmara University, Sağlık Bilimleri Enstitüsü, Farmosotik Biyoteknoloji (Bütünleşik Dr), 2009

Postgraduate, Tip I ve Tip II Diabetes Mellituslu Hastalarda Serumda Ferritin ve Transferrin, İdrarda beta-2-mikroglobulin Düzeylerinin İncelenmesi, Inonu University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyokimya (YI), 2003

Research Areas

Health Sciences, Pharmacology and Therapeutics, Pharmaceutics Technology, Pharmaceutical Biotechnology

Academic Titles / Tasks

Professor, Inonu University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2023 - Continues

Associate Professor, Inonu University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2019 - 2023

Assistant Professor, Inonu University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2012 - 2018

Lecturer, Marmara University, Vocational School Of Health Services, Patoloji Laboratuvar Bölümü, 2003 - 2012

Academic and Administrative Experience

Head of Department, Inonu University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2019 - Continues

Inonu University, 2012 - Continues

Inonu University, Eczacılık Fakültesi, 2013 - 2016

Head of Department, Inonu University, Eczacılık Teknoloji , 2013 - 2016

Courses

Hücre Kültür Teknolojisi, Undergraduate, 2016 - 2017
FARMASÖTİK BİYOTEKNOLOJİ, Undergraduate, 2016 - 2017
SOSYAL SORUMLULUK PROJELERİ, Undergraduate, 2016 - 2017
Araştırma Projesi I, Undergraduate, 2016 - 2017
ENDÜSTRİYEL BİYOTEKNOLOJİ, Undergraduate, 2016 - 2017
SOSYAL SORUMLULUK PROJELERİ, Undergraduate, 2016-2017
FARMASÖTİK BİYOTEKNOLOJİ, Undergraduate, 2016-2017
Araştırma Projesi I, Undergraduate, 2016-2017
ENDÜSTRİYEL BİYOTEKNOLOJİ, Undergraduate, 2016-2017
Hücre Kültür Teknolojisi, Undergraduate, 2016-2017
Araştırma Projesi II, Undergraduate, 2015-2016
FARMASÖTİK BİYOTEKNOLOJİ, Undergraduate, 2015-2016
TIBBİ BİYOLOJİ, Undergraduate, 2015-2016
Araştırma Projesi I, Undergraduate, 2015-2016
GEN VE İLAÇ TAŞIYICI SİSTEMLER, Undergraduate, 2015-2016
REKOMBİNANT BİYOFARMASÖTİKLER, Undergraduate, 2015-2016
Sosyal Sorumluluk Projeleri, Undergraduate, 2015-2016
TIBBİ BİYOLOJİ, Undergraduate, 2014-2015
Sosyal Sorumluluk Projeleri, Undergraduate, 2014-2015
Araştırma Projesi I, Undergraduate, 2014-2015
ENDÜSTRİYEL BİYOTEKNOLOJİ, Undergraduate, 2014-2015
FARMASÖTİK BİYOTEKNOLOJİ, Undergraduate, 2014-2015
Araştırma Projesi II, Undergraduate, 2014-2015
REKOMBİNANT BİYOFARMASÖTİKLER, Undergraduate, 2013-2014
Tıbbi Biyoloji, Undergraduate, 2013-2014
ENDÜSTRİYEL BİYOTEKNOLOJİ, Undergraduate, 2013-2014
Farmasötik Biyoteknoloji, Undergraduate, 2013-2014
Araştırma Projesi II, Undergraduate, 2013-2014
Araştırma Projesi I, Undergraduate, 2013-2014
Gen ve İlaç Taşıyıcı Sistemler, Undergraduate, 2012-2013
PATOLOJİ LAB. GÜVENLİK, Associate Degree, 2011-2012
PATOLOJİ LAB. TEK. UYG. III, Associate Degree, 2011-2012
PATOLOJİ LAB. TEK. UYG. I, Associate Degree, 2011-2012
PATOLOJİ LAB. TEK. UYG. IV, Associate Degree, 2010-2011
MOLEKÜLER PATOLOJİ TEKNİKLERİ, Associate Degree, 2010-2011
GENEL HİSTOTEKNOLOJİ I, Associate Degree, 2010-2011
PATOLOJİ LAB. GÜVENLİK, Associate Degree, 2010-2011
PATOLOJİ LAB. TEK. UYG. III, Associate Degree, 2010-2011
PATOLOJİ LAB. TEK. UYG. I, Associate Degree, 2010-2011
PATOLOJİDE ÖZEL TEKNİKLER, Associate Degree, 2010-2011
ÖZEL HİSTOKİMYA TEKNİKLERİ, Associate Degree, 2010-2011
PATOLOJİ LAB. TEK. UYG. II, Associate Degree, 2010-2011
ÖZEL HİSTOKİMYA TEKNİKLERİ, Associate Degree, 2009-2010
PATOLOJİ LAB. TEK. UYG. IV, Associate Degree, 2009-2010
PATOLOJİ LAB. TEK. UYG. I, Associate Degree, 2009-2010
PATOLOJİ LAB. TEK. UYG. III, Associate Degree, 2009-2010

GENEL HİSTOTEKNOLOJİ I, Associate Degree, 2009-2010
PATOLOJİDE ÖZEL TEKNİKLER, Associate Degree, 2009-2010
PATOLOJİ LAB. GÜVENLİK, Associate Degree, 2009-2010
MOLEKÜLER PATOLOJİ TEKNİKLERİ, Associate Degree, 2009-2010
PATOLOJİ LAB. TEK. UYG. II, Associate Degree, 2009-2010
PATOLOJİ LAB. TEK. UYG. III, Associate Degree, 2008-2009
PATOLOJİDE ÖZEL TEKNİKLER, Associate Degree, 2008-2009
MOLEKÜLER PATOLOJİ TEKNİKLERİ, Associate Degree, 2008-2009
PATOLOJİ LAB. TEK. UYG. IV, Associate Degree, 2008-2009
PATOLOJİ LAB. GÜVENLİK, Associate Degree, 2008-2009
PATOLOJİ LAB. TEK. UYG. I, Associate Degree, 2008-2009
ÖZEL HİSTOKİMYA TEKNİKLERİ, Associate Degree, 2008-2009
PATOLOJİ LAB. TEK. UYG. II, Associate Degree, 2008-2009
GENEL HİSTOTEKNOLOJİ I, Associate Degree, 2007-2008
PATOLOJİ LAB. TEK. UYG. IV, Associate Degree, 2007-2008
PATOLOJİ LAB. GÜVENLİK, Associate Degree, 2007-2008
PATOLOJİDE ÖZEL TEKNİKLER, Associate Degree, 2007-2008
MOLEKÜLER PATOLOJİ TEKNİKLERİ, Associate Degree, 2007-2008
ÖZEL HİSTOKİMYA TEKNİKLERİ, Associate Degree, 2007-2008
PATOLOJİ LAB. TEK. UYG. II, Associate Degree, 2007-2008
PATOLOJİ LAB. TEK. UYG. III, Associate Degree, 2007-2008
PATOLOJİ LAB. TEK. UYG. I, Associate Degree, 2007-2008
PATOLOJİDE ÖZEL TEKNİKLER, Associate Degree, 2006-2007
PATOLOJİ LAB. TEK. UYG. IV, Associate Degree, 2006-2007
PATOLOJİ LAB. TEK. UYG. III, Associate Degree, 2006-2007
PATOLOJİ LAB. GÜVENLİK, Associate Degree, 2006-2007
PATOLOJİ LAB. TEK. UYG. I, Associate Degree, 2006-2007
MOLEKÜLER PATOLOJİ TEKNİKLERİ, Associate Degree, 2006-2007
PATOLOJİ LAB. TEK. UYG. II, Associate Degree, 2006-2007
GENEL HİSTOTEKNOLOJİ I, Associate Degree, 2005-2006
MOLEKÜLER PATOLOJİ TEKNİKLERİ, Associate Degree, 2005-2006
PATOLOJİ LAB. TEK. UYG. I, Associate Degree, 2005-2006
PATOLOJİ LAB. TEK. UYG. III, Associate Degree, 2005-2006
PATOLOJİ LAB. GÜVENLİK, Associate Degree, 2005-2006
PATOLOJİDE ÖZEL TEKNİKLER, Associate Degree, 2005-2006
PATOLOJİ LAB. TEK. UYG. II, Associate Degree, 2005-2006
ÖZEL HİSTOKİMYA TEKNİKLERİ, Associate Degree, 2005-2006
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GENEL HİSTOTEKNOLOJİ I, Associate Degree, 2004-2005
PATOLOJİDE ÖZEL TEKNİKLER, Associate Degree, 2004-2005
PATOLOJİ LAB. TEK. UYG. II, Associate Degree, 2004-2005
ÖZEL HİSTOKİMYA TEKNİKLERİ, Associate Degree, 2004-2005
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PATOLOJİ LAB. GÜVENLİK, Associate Degree, 2003-2004
PATOLOJİDE ÖZEL TEKNİKLER, Associate Degree, 2003-2004

ÖZEL HİSTOKİMYA TEKNİKLERİ, Associate Degree, 2003-2004

PATOLOJİ LAB. TEK. UYG. I, Associate Degree, 2003-2004

PATOLOJİ LAB. TEK. UYG. III, Associate Degree, 2003-2004

PATOLOJİ LAB. TEK. UYG. IV, Associate Degree, 2003-2004

GENEL HİSTOTEKNOLOJİ I, Associate Degree, 2003-2004

Advising Theses

ŞALVA E., Kitozanın Keratinositler Üzerine Etkisinin 3-Boyutlu Deri Hücre Kültürü Modelinde Araştırılması, Postgraduate, H.Merve(Student), Continues

ŞALVA E., Doku Mühendisliği Uygulamaları İçin Kitozan-Aljinat-Protamin İçeren Destek Yapıların Hazırlanması ve Karakterizasyonu, Postgraduate, A.Sirkeci(Student), 2016

ŞALVA E., MikroRNA (miR-200c ve miR-141) İÇİN MEME KANSERİ TEDAVİSİNDE KİTOZAN TEMELLİ TAŞIYICI SİSTEMLERİN GELİŞTİRİLMESİ, Postgraduate, K.Kaban(Student), 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Changes in the Phenolic, Melatonin, Sugar Contents and Antioxidant Capacity, Depending on Ripening Stage in Different Cornelian Cherry (Cornus mas L.) Fruits**
Uğur Y., Zengin R., Ernim C., Günhan Z. İ., Şalva E., Erdoğan S.
CHEMISTRYSELECT, vol.9, no.7, pp.1-7, 2024 (SCI-Expanded)
- II. **An effective VEGF-siRNA delivery via folic acid decorated and pegylated silica nanoparticles**
Ultav G., TONBUL H., ŞALVA E.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.76, 2022 (SCI-Expanded)
- III. **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)
- IV. **EGFR blocker lapatinib inhibits the synthesis of matrix metalloproteinases from synovial fibroblasts**
KEHRİBAR D. Y., Emmungil H., BAŞAK TÜRKMEN N., ÇİFTÇİ O., ŞALVA E., Ozgen M.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.52, no.4, pp.1355-1361, 2022 (SCI-Expanded)
- V. **Synthesis of New 1-Aryl-2-(3,5-dimethylpyrazol-1-yl)ethanone Oxime Ether Derivatives and Investigation of Their Cytotoxic Effects**
ALAGÖZ M. A., KARAKURT A., Hepokur C., ŞALVA E., Onkol T., Ghoneim M. M., Abdelgawad M. A., Khames A., Kim H., Mathew B.
PROCESSES, vol.9, no.11, 2021 (SCI-Expanded)
- VI. **Evaluation of biological activities of Barbarea integrifolia and isolation of a new glucosinolate derivated compound**
Badem M., ŞENER S. Ö., KANBOLAT Ş., Korkmaz N., YILDIRMIŞ S., ÖZGEN U., ALİYAZICIOĞLU R., ŞALVA E., Kaban K., KANDEMİR A., et al.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.76, no.9-10, pp.375-382, 2021 (SCI-Expanded)
- VII. **Therapeutic Silencing of BCL-2 Using NK Cell-Derived Exosomes as a Novel Therapeutic Approach in Breast Cancer**
Kaban K., Hinterleitner C., Zhou Y., ŞALVA E., KANTARCI A. G., Salih H. R., Maerklin M.
CANCERS, vol.13, no.10, 2021 (SCI-Expanded)
- VIII. **p-Trifluoroacetophenone Oxime Ester Derivatives: Synthesis, Antimicrobial and Cytotoxic Evaluation and Molecular Modeling Studies**
Bozbey I., SARI S., ŞALVA E., KART D., KARAKURT A.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.17, no.2, pp.169-183, 2020 (SCI-Expanded)

- IX. Modulation of the dual-faced effects of miR-141 with chitosan/miR-141 nanoplexes in breast cancer cells**
Kaban K, ŞALVA E., Akbuga J.
JOURNAL OF GENE MEDICINE, vol.21, no.9, 2019 (SCI-Expanded)
- X. Synthesis and cytotoxicity studies on new pyrazole-containing oxime ester derivatives**
KARAKURT A., Bozbey I., USLU H., SARI S., ÖZDEMİR Z., ŞALVA E.
TROPICAL JOURNAL OF PHARMACEUTICAL RESEARCH, vol.18, no.6, pp.1315-1322, 2019 (SCI-Expanded)
- XI. Synthesis of triazolymethyl-linked nucleoside analogs via combination of azidofuranoses with propargylated nucleobases and study on their cytotoxicity**
HALAY E., AY E., ŞALVA E., AY K., KARAYILDIRIM T.
CHEMISTRY OF HETEROCYCLIC COMPOUNDS, vol.54, no.2, pp.158-166, 2018 (SCI-Expanded)
- XII. In Vitro Dose Studies on Chitosan Nanoplexes for microRNA Delivery in Breast Cancer Cells**
Kaban K, ŞALVA E., Akbuga J.
NUCLEIC ACID THERAPEUTICS, vol.27, no.1, pp.45-55, 2017 (SCI-Expanded)
- XIII. Syntheses of 1,2,3-triazole-bridged pyranose sugars with purine and pyrimidine nucleobases and evaluation of their anticancer potential**
HALAY E., AY E., ŞALVA E., AY K., KARAYILDIRIM T.
NUCLEOSIDES NUCLEOTIDES & NUCLEIC ACIDS, vol.36, no.9, pp.598-619, 2017 (SCI-Expanded)
- XIV. The effects of chitosan/miR-200c nanoplexes on different stages of cancers in breast cancer cell lines**
Kaban K, ŞALVA E., Akbuga J.
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.95, pp.103-110, 2016 (SCI-Expanded)
- XV. Tocilizumab's effect on cognitive deficits induced by intracerebroventricular administration of streptozotocin in Alzheimer's model**
Elcioglu H. K., Aslan E., Ahmad S., ALAN S., ŞALVA E., Elcioglu O. H., KABASAKAL L.
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.420, pp.21-28, 2016 (SCI-Expanded)
- XVI. Comparison of VEGF gene silencing efficiencies of chitosan and protamine complexes containing shRNA**
Erdem-Cakmak F., ÖZBAŞ S., ŞALVA E., Akbuga J.
CELL BIOLOGY INTERNATIONAL, vol.38, no.11, pp.1260-1270, 2014 (SCI-Expanded)
- XVII. Investigation of the Therapeutic Efficacy of Codelivery of psiRNA-Vascular Endothelial Growth Factor and pIL-4 into Chitosan Nanoparticles in the Breast Tumor Model**
ŞALVA E., TURAN S. O., Kabasakal L., ALAN S., Ozkan N., EREN F., Akbuga J.
JOURNAL OF PHARMACEUTICAL SCIENCES, vol.103, no.3, pp.785-795, 2014 (SCI-Expanded)
- XVIII. The Development of Ternary Nanoplexes for Efficient Small Interfering RNA Delivery**
ŞALVA E., Turan S. O., Akbuga J.
BIOLOGICAL & PHARMACEUTICAL BULLETIN, vol.36, no.12, pp.1907-1914, 2013 (SCI-Expanded)
- XIX. Local delivery of chitosan/VEGF siRNA nanoplexes reduces angiogenesis and growth of breast cancer in vivo.**
Salva E., KABASAKAL L., EREN F., ÖZKAN N., ÇAKALAĞAOĞLU F., AKBUGA J.
Nucleic acid therapeutics, vol.22, pp.40-8, 2012 (SCI-Expanded)
- XX. Honey as a substitute for formalin?**
ÖZKAN N., Salva E., ÇAKALAĞAOĞLU F., TÜZÜNER B.
Biotechnic & histochemistry : official publication of the Biological Stain Commission, vol.87, pp.148-53, 2012 (SCI-Expanded)
- XXI. Increased in vitro Cell Proliferation by Chitosan/pGM-CSF Complexes**
Salva E., TURAN S., Akbuga J.
INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.73, no.2, pp.131-138, 2011 (SCI-Expanded)
- XXII. In vitro silencing effect of chitosan nanoplexes containing siRNA expressing vector targeting VEGF in breast cancer cell lines**
Salva E., Akbuga J.

- PHARMAZIE, vol.65, no.12, pp.896-902, 2010 (SCI-Expanded)
- XXIII. **Chitosan/short hairpin RNA complexes for vascular endothelial growth factor suppression invasive breast carcinoma.**
Salva E., KABASAKAL L., EREN F., CAKALAĞAOĞLU F., ÖZKAN N., AKBUGA J.
Oligonucleotides, vol.20, pp.183-90, 2010 (SCI-Expanded)
- XXIV. **Halofuginone, a specific inhibitor of collagen type 1 synthesis, ameliorates oxidant colonic damage in rats with experimental colitis.**
KARAKOYUN B., YÜKSEL M., ERCAN F., Salva E., IŞIK I., YEĞEN B.
Digestive diseases and sciences, vol.55, pp.607-16, 2010 (SCI-Expanded)
- XXV. **Significance of IL-6 and PAI-1 expression in nucleic-acid based therapy of breast cancer**
Cakalagaoglu F., Salva E., Ozkan N., KAYA H., KABASAKAL L., Akbuga J.
VIRCHOWS ARCHIV, vol.455, pp.103, 2009 (SCI-Expanded)
- XXVI. **The effects in skin wound healing and cell proliferation of the plasmid DNA encoding GM-CSF and chitosan**
Salva E., OZKAN N., CAKALAGA OGLU F., KARAKOYUN B., AKBUGA J.
VIRCHOWS ARCHIV, vol.451, no.2, pp.565, 2007 (SCI-Expanded)
- XXVII. **The staining methods of chitosan as a natural biopolymer**
Salva E., OZKAN N., CAKALAGA OGLU F., KARAKOYUN B., AKBUGA J.
VIRCHOWS ARCHIV, vol.451, no.2, pp.539-540, 2007 (SCI-Expanded)
- XXVIII. **Double immunostaining method. What is the significance?**
OZKAN N., CAKALAGA OGLU F., Salva E.
VIRCHOWS ARCHIV, vol.451, no.2, pp.565, 2007 (SCI-Expanded)
- XXIX. **Effect of FK506 in experimental glomerulonephritis: Light microscopic and ultrastructural study**
CAKALAPA OGLU F., OZKAN N., Salva E., ARBAK S., USLU B.
VIRCHOWS ARCHIV, vol.451, no.2, pp.513-514, 2007 (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., Salva E., Ozbas Turan S.
Cyprus Journal of Medical Sciences, vol.8, no.1, pp.20-26, 2023 (Peer-Reviewed Journal)
- II. **Chitosan-based delivery of CRISPR-Cas9 plasmid in breast cancer stem cells**
Canak Ipek T., Avci-Adali M., ATICI C. E., Salva E., OZBAS TURAN S.
Journal of research in pharmacy (online), vol.27, no.1, pp.86-96, 2023 (Peer-Reviewed Journal)
- III. **Antiproliferative properties and evaluation of antioxidant of different cornelian cherry genotypes and analysis of phenolic and sugar compounds by HPLC**
UĞUR Y., ŞALVA E., KARAAT F. E., ERDOĞAN S.
Hacettepe Journal of Biology and Chemistry, vol.51, no.1, pp.57-70, 2023 (Peer-Reviewed Journal)
- IV. **Development of Silica Nanoparticles as a Delivery System for Plasmid-Based Crispr/Cas9**
ULTAV G., MAÇ K., KIZILBOĞA S., GÜNDOĞDU V., TONBUL H., ŞALVA E.
Anatolian Journal of Pharmaceutical Sciences, vol.1, no.1, pp.33-39, 2022 (Peer-Reviewed Journal)
- V. **Relationship between guanosine triphosphate pathway and tetrahydrobiopterin in gestational diabetes mellitus**
Ünüvar S., Melekoğlu R., Şalva E., Acar C., Yaşar Ş.
Journal of Diabetes & Metabolic Disorders, vol.1, pp.1-6, 2020 (ESCI)
- VI. **INVESTIGATION OF THE EFFECT OF VEGFshRNAs CLONED INTO SILENCING PLASMIDS ON VEGF EXPRESSION IN ENDOTHELIAL CELL**
Şalva E., Yeşilada E.
International Multidisciplinary Symposium on Drug Research & Development (DRD 2019), vol.1, no.1, pp.313-316,

2019 (Conference Book)

- VII. **The Effects to GM-CSF Expression and Fibroblast Proliferation of pGM-CSF Containing Chitosan/PVP Hydrogels**
ŞALVA E., Akbuga J.
MARMARA PHARMACEUTICAL JOURNAL, vol.21, no.2, pp.228-234, 2017 (ESCI)
- VIII. **In Vitro PDGF-B Gene Silencing Studies and In Vivo Delivery of siRNA to the Rat Kidney Using Chitosan/siRNA Nanoplexes**
ŞALVA E., Ozbas Turan S., ALAN S., Akbuga J.
MARMARA PHARMACEUTICAL JOURNAL, vol.20, no.3, pp.263-268, 2016 (ESCI)

Books & Book Chapters

- I. **Biotechnology applications in clinical trials**
BÜYÜKKÖROĞLU G., ŞENEL B., ŞALVA E., ÇALIŞKAN F. B.
in: Biotechnology in Healthcare, Volume 2: Applications and Initiatives, Debmalya Barh, Editor, Elsevier Academic Press, pp.163-195, 2022
- II. **Characteristics of Marketed Nanopharmaceutics**
ŞALVA E., TONBUL H.
in: Drug Delivery with Targeted Nanoparticles: In Vitro and In Vivo Evaluation Methods, Çapan, Y., Sahin, A., Tonbul, H., Editor, Jenny Stanford Publishing, pp.705-720, 2021
- III. **Characteristics of Marketed Nanopharmaceutics**
ŞALVA E., TONBUL H.
in: Drug Delivery with Targeted Nanoparticles: In Vitro and In Vivo Evaluation Methods (1st ed.), Yılmaz Çapan, Adem Sahin, Hayrettin Tonbul, Editor, Jenny Stanford Publishing, pp.705-724, 2021
- IV. **Non viral siRNA and shRNA delivery systems in cancer therapy**
ŞALVA E., EKENTOK C., OZBAS-TURAN S., AKBUGA F. J.
in: RNA Interference, Ibrokhim Y. Abdurakmonov, Editor, Intech, Rijeka, pp.201-222, 2016
- V. **Hücre ve Moleküler Biyoloji Sözlüğü**
GÜLSOY N., ALTINKUT UNCUOĞLU A., AYDIN Y., HASDEMİR M. U., AKBUGA F. J., ŞALVA E.
Nobel Tıp Kitapevi Yayınları, İstanbul, 2014
- VI. **Physical and transfectional properties of aged pIL-2 loaded chitosan microspheres**
OZBAS TURAN S., ŞALVA E., AKBUGA J.
in: Advances in Chitin Science Vol XIII, Varlamov V., Bratskaya S., Yakovleva I., Senel S., Editor, Euchis, Saint Petersburg, pp.100-50, 2011
- VII. **Chitosan of nanoparticles containing siRNA targeting VEGF for anti-angiogenic gene therapy**
ŞALVA E., OZBAS TURAN S., AKBUGA F. J.
in: Advances in Chitin Science Vol XIII, Varlamov V., Bratskaya S., Yakovleva I., Senel S., Editor, Euchis, Saint Petersburg, pp.201-222, 2011
- VIII. **Sağlık Hizmetleri Meslek Yüksekokulu Eğitimcilerinde Olması Beklenen Özellikler**
ÇAKALAĞAOĞLU F., ÖZKAN N., ŞALVA E.
in: Geçmişten Geleceğe Sağlık Teknikerliği, GÖZİL R., Editor, Gazi Üniversitesi, Ankara, pp.100-120, 2008

Refereed Congress / Symposium Publications in Proceedings

- I. **Silica Nanoparticles as Drug and siRNA Delivery System**
ULTAV G., TONBUL H., ŞALVA E.
3rd International Conference on Materials Science and Nanotechnology, Roma, Italy, 3 - 07 October 2022
- II. **Kızılıçık Meyvelerinin Ham, Yarı-Olgun Ve Olgun Dönemlerindeki Biyokimyasal Değişimlerinin İncelenmesi**

UĞUR Y., Yaman R., Ernim C., Günhan Z. İ., ŞALVA E., ERDOĞAN S.

10. Ulusal Analitik Kimya Kongresi, Muğla, Turkey, 7 - 11 September 2022, pp.94

- III. **"Kızılılık Meyvelerindeki Fenolik Bileşiklerin Olgunlaşma Periyodundaki Değişimi Ve Sitotoksik Etkilerinin Araştırılması"**
Uğur Y., Yaman R., Ernim C., Günhan Z. İ., Şalva E., Erdoğan S.
Analitik Kimya Kongresi, Muğla, Turkey, 7 - 11 November 2022, pp.92-93
- IV. **Combination Therapy Approach of Doxorubicin and siRNA with Biodegradable Silica Nanoparticles**
ULTAV G., TONBUL H., ŞALVA E.
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