

Personal Information

Office Phone: [+90 222 335 0580](tel:+902223350580) Extension: 3734

Email: gbuyukko@anadolu.edu.tr

Web: <https://avesis.anadolu.edu.tr/gbuyukko>



International Researcher IDs

ScholarID: Fhc7rr0AAAAJ

ORCID: 0000-0002-5089-6007

Publons / Web Of Science ResearcherID: N-6551-2019

ScopusID: 13205091800

Yoksis Researcher ID: 51776

Education Information

Doctorate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ,

Farmasötik Teknoloji (Dr), Turkey 1998 - 2005

Postgraduate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ,

Farmasötik Teknoloji (YI) (Tezli), Turkey 1995 - 1998

Undergraduate, Anadolu University, ECZACILIK FAKÜLTESİ, Eczacılık Pr.,
Turkey 1990 - 1995

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Farmasötik biyoteknolojide gen tedavisi amaçlı plazmit DNA taşıyıcı katyonik katı-lipit nano-veya mikropartiküllerin hazırlanması çalışmaları, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Teknoloji (Dr), 2005

Postgraduate, Zizyphus jujuba (Hünnap) bitkisinin S/Y emülsiyon sistemi halinde formülasyonu ve değerlendirilmesi, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Teknoloji (YI) (Tezli), 1998

Research Areas

Pharmaceutical Biotechnology, Pharmaceutical Technology

Academic Titles / Tasks

Associate Professor, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK TEKNOLOJİSİ BÖLÜMÜ, 2018 - Continues

Assistant Professor, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK TEKNOLOJİSİ BÖLÜMÜ, 2008 - 2018

Lecturer, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK TEKNOLOJİSİ BÖLÜMÜ, 2005 - 2008

Research Assistant, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK TEKNOLOJİSİ BÖLÜMÜ, 1997 - 2005

Academic and Administrative Experience

Anadolu University, 2006 - Continues

Anadolu University, 2011 - 2012

Courses

İMMÜNÖTERAPÖTİK ÜRÜNLER VE TEKNOLOJİSİ, Postgraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

FARMASÖTİK BİYOTEKNOLOJİDE HEDEFLERİ YÖNTEMLERİ, Postgraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

ANTİSENS TEKNOLOJİSİ VE İNOVATİF YAKLAŞIMLAR, Postgraduate, 2017 - 2018

Biyobenzer Ürünler ve Ruhsatlandırıl. Genel Uygulamalar, Postgraduate, 2017 - 2018

FARMASÖTİK BİYOTEKNOLOJİ ÜRÜNLERİ VE UYGULAMA ALANLARI, Postgraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2007 - 2008

SEMİNER, Postgraduate, 2017 - 2018, 2016 - 2017, 2011 - 2012

MEZUNİYET PROJESİ I, Undergraduate, 2017 - 2018, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2009 - 2010

ONAYLI REKOMBİNANT ANTİKORLAR, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

TEZ, Postgraduate, 2017 - 2018, 2016 - 2017, 2012 - 2013, 2011 - 2012

DNA AŞILARI VE VİRAL VEKTÖRLER, Postgraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

PEPTİT VE PROTEİN YAPILI İLAÇLAR VE FARMAKOKİNETİKLERİ, Postgraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014, 2011 - 2012, 2010 - 2011

UZMANLIK ALAN DERSİ, Postgraduate, 2017 - 2018, 2016 - 2017, 2012 - 2013, 2011 - 2012

Antisens Teknolojisi ve İnovatif Yaklaşımlar, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Mezuniyet Projesi, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

Farmasötik Biyoteknoloji, Undergraduate, 2015 - 2016, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

Protein/Peptit Dozaj Şekli Tasarımı ve Kontrolü, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

Aşılar ve Üretim Teknolojileri, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Farmasötik Biyoteknoloji, Postgraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Farmasötik Biyoteknolojide Modern Taşıyıcı Sistemler, Undergraduate, 2014 - 2015

Hastane Eczanesi Teknikerliği, Undergraduate, 2013 - 2014

İmmünoterapötik İlaçlar ve Teknolojisi, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012

Farmasötik Biyoteknoloji Ürünler ve Uygulama İlkeleri, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

İlaç Taşıyıcı sistem Tasarımı Ve Değerlendirilmesi , Postgraduate, 2012 - 2013

Farmasötik Biyoteknolojide Üretim Ve Uygulama İlkeleri, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011

Mezuniyet Projesi II, Undergraduate, 2012 - 2013, 2011 - 2012, 2009 - 2010

Eczane Hizmetleri İlkeleri ve Etik Kuralı, Undergraduate, 2012 - 2013

Hücre İçine İlaç Taşıyıcı Sistem Tasarımı, Undergraduate, 2012 - 2013, 2011 - 2012

Mesleki İngilizce, Associate Degree, 2011 - 2012

Biyoteknoloji ve Biyogüvenlik, Associate Degree, 2011 - 2012

Modern ilaç Taşıyıcı Sistemler, Postgraduate, 2011 - 2012

Mesleki İngilizce, Undergraduate, 2011 - 2012

Modern İlaç Taşıyıcı Sistemler, Doctorate, 2011 - 2012

Peptit ve Protein Yapılı İlaçlar, Postgraduate, 2011 - 2012, 2010 - 2011

Biyoteknoloji ve Biyogüvenlik, Undergraduate, 2011 - 2012
Hastane Eczacılığı, Undergraduate, 2011 - 2012
Eczacılık Mevzuatı, Undergraduate, 2010 - 2011, 2006 - 2007
Akıllı İlaç Taşıyıcı Sistemler, Undergraduate, 2010 - 2011
Pharmaceutical Thecnology I, Undergraduate, 2010 - 2011
Farmasötik Teknoloji Uygulamaları III, Undergraduate, 2010 - 2011, 2009 - 2010, 2007 - 2008, 2006 - 2007, 2005 - 2006
İlaç Araştırma-Geliştirme Laboratuvar Disiplini , Undergraduate, 2010 - 2011
Pharmaceutical Technology I, Undergraduate, 2010 - 2011
Farmasötik Teknoloji Uygulamaları II, Undergraduate, 2009 - 2010, 2007 - 2008, 2006 - 2007, 2005 - 2006
Farmasötik Teknoloji Uygulamaları IV, Undergraduate, 2009 - 2010, 2007 - 2008, 2006 - 2007, 2005 - 2006
Farmasötik Biyoteknolojiye Başlangıç, Undergraduate, 2009 - 2010, 2007 - 2008, 2006 - 2007
Farmasötik Biyoteknolojinin Esasları, Undergraduate, 2007 - 2008
Farmasötik Teknoloji Uygulamaları I, Undergraduate, 2007 - 2008, 2006 - 2007, 2005 - 2006

Advising Theses

Büyükköroğlu G., Development and evaluation of multiferroic nanoparticle-based drug delivery system, Doctorate, G.SEVİM(Student), 2023
Büyükköroğlu G., Preparation and characterization of in situ gelling system containing meis protein inhibitor loaded albumin nanoparticles and iRGD peptide, Postgraduate, G.DEĞER(Student), 2021
GÜLAY B., Development and Evaluation of Multiferroic Nanoparticle-Based Drug Delivery System, Doctorate, G.SEVİM(Student), 2020
GÜLAY B., Kurkumin içeren yara iyi edici sistem geliştirmek için bakteriden polihidroksialkanoatlar (PHA)'ın üretilmesi, Postgraduate, B.LATİFE(Student), 2020
GÜLAY B., Bacillus suşu kullanılarak kısa zincir uzunluğunda (SCL) polihidroksialkanoat (PHS) sentezi, karakterizasyonu ve kollajen ile formülasyonu, Postgraduate, M.YILMAZ(Student), 2020
Büyükköroğlu G., DEVELOPMENT OF ALTERNATIVE GEL FORMULATION FOR REPAIRING CARTILAGE TISSUE DAMAGE, Postgraduate, M.BEKİROĞLU(Student), 2019
Büyükköroğlu G., siRNA yüklü albumin taşıyıcı sistemlerin inhaler uygulama için geliştirilmesi ve değerlendirilmesi, Postgraduate, S.ALAGÖZ(Student), 2019
Büyükköroğlu G., Development and evaluation of venetoclax and siRNA loaded albumin based carrier systems, Postgraduate, B.ÇALIŞKAN(Student), 2019
GÜLAY B., Gen taşıyıcı sistem olarak hdl (Yüksek-yoğunluklu lipoprotein) mikro-ve nanopartiküllerinin hazırlanması, Postgraduate, R.MASIMOV(Student), 2019
Büyükköroğlu G., Micro- and nanoparticles that will be used for pharmaceutical purpose, are attached to antibody and research of their efficiencies, Postgraduate, S.GEZGİN(Student), 2013
Yazan E. Y., Büyükköroğlu G., Developing and evaluating studies on sirna delivery systems, Doctorate, B.ŞENEL(Student), 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Co-Delivery of siRNA and Docetaxel to Cancer Cells by NLC for Therapy**
ŞENEL B., BAŞARAN E., AKYIL E., GÜVEN U. M., BÜYÜKKÖROĞLU G.
ACS OMEGA, vol.9, no.10, pp.11671-11685, 2024 (SCI-Expanded)
- II. **Stem Cell-Based or Cell-Free Gene Therapy in Chondrocyte Regeneration: Synovial Fluid-Derived Mesenchymal Stem Cell Exosomes**
UYSAL O., Erybeh H., CANBEK M., Ekenel E. Q., Gunes S., BÜYÜKKÖROĞLU G., SEMERCİ SEVİMLİ T., ÇEMREK F., SARIBOYACI A. Ç.
CURRENT MOLECULAR MEDICINE, vol.24, no.7, pp.906-919, 2024 (SCI-Expanded)

- III. **HDL-Chitosan Nanoparticles for siRNA Delivery as an SR-B1 Receptor Targeted System**
Masimov R., Büyükköroğlu G.
Combinatorial Chemistry & High Throughput Screening, vol.26, pp.2541-2553, 2023 (SCI-Expanded)
- IV. **Formulation and characterization studies of inclusion complexes of voriconazole for possible ocular application**
BAŞARAN E., AYKAÇ K., Yenilmez E., BÜYÜKKÖROĞLU G., TUNALI Y., DEMİREL M.
PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, vol.27, no.2, pp.228-241, 2022 (SCI-Expanded)
- V. **Preparation and Characterization of Palladium Derivate-Loaded Micelle Formulation in Vitro as an Innovative Therapy Option against Non-Small Cell Lung Cancer Cells**
Erkisa M., ARI F., BÜYÜKKÖROĞLU G., ŞENEL B., YILMAZ V. T., ULUKAYA E.
CHEMISTRY & BIODIVERSITY, vol.18, no.9, 2021 (SCI-Expanded)
- VI. **Anticancer Potential of Albumin Bound Wnt/beta-Catenin Pathway Inhibitor Niclosamide in Breast Cancer Cells**
ARI F., Erkisa M., Pekel G., Erturk E., BÜYÜKKÖROĞLU G., ULUKAYA E.
CHEMISTRYSELECT, vol.6, no.29, pp.7463-7475, 2021 (SCI-Expanded)
- VII. **Moxifloxacin Hydrochloride-Loaded Eudragit (R) RL 100 and Kollidon (R) SR Based Nanoparticles: Formulation, In vitro Characterization and Cytotoxicity**
YURTDAS KIRIMLIOĞLU G., ÖZER S., BÜYÜKKÖROĞLU G., Yazan Y.
COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, vol.24, no.3, pp.328-341, 2021 (SCI-Expanded)
- VIII. **Graphene quantum dots: Synthesis, characterization, cell viability, genotoxicity for biomedical applications**
ŞENEL B., DEMİR N., BÜYÜKKÖROĞLU G., Yildiz M.
SAUDI PHARMACEUTICAL JOURNAL, vol.27, no.6, pp.846-858, 2019 (SCI-Expanded)
- IX. **Spray-dried Ketoprofen Lysine-incorporated PLGA Nanoparticles; Formulation, Characterization, Evaluation and Cytotoxic Profile**
Elmaskaya A., Öztürk A. A., Büyükköroğlu G., Yenilmez E.
INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.81, no.4, pp.640-650, 2019 (SCI-Expanded)
- X. **Vaginal Suppositories with siRNA and Paclitaxel-Incorporated Solid Lipid Nanoparticles for Cervical Cancer: Preparation and In Vitro Evaluation**
BÜYÜKKÖROĞLU G., ŞENEL B., Yenilmez E.
RNA INTERFERENCE AND CANCER THERAPY: METHODS AND PROTOCOLS, vol.1974, pp.303-328, 2019 (SCI-Expanded)
- XI. **Formulation and In Vitro Evaluation of Moxifloxacin Hydrochloride-Loaded Polymeric Nanoparticles for Ocular Application**
YURTDAS KIRIMLIOĞLU G., ÖZER S., BÜYÜKKÖROĞLU G., Yazan Y.
LATIN AMERICAN JOURNAL OF PHARMACY, vol.37, no.9, pp.1850-1862, 2018 (SCI-Expanded)
- XII. **Engineering Monoclonal Antibodies: Production and Applications**
BÜYÜKKÖROĞLU G., ŞENEL B.
OMICS TECHNOLOGIES AND BIO-ENGINEERING: TOWARDS IMPROVING QUALITY OF LIFE, VOL 1: EMERGING FIELDS, ANIMAL AND MEDICAL BIOTECHNOLOGIES, pp.353-389, 2018 (SCI-Expanded)
- XIII. **Techniques for Protein Analysis**
BÜYÜKKÖROĞLU G., DEMİR DORA D., ÖZDEMİR F., Hizel C.
OMICS TECHNOLOGIES AND BIO-ENGINEERING: TOWARDS IMPROVING QUALITY OF LIFE, VOL 1: EMERGING FIELDS, ANIMAL AND MEDICAL BIOTECHNOLOGIES, pp.317-351, 2018 (SCI-Expanded)
- XIV. **Nanocarriers for Vaccine and Gene Delivery Application**
ŞENEL B., BÜYÜKKÖROĞLU G.
MULTIFUNCTIONAL NANOCARRIERS FOR CONTEMPORARY HEALTHCARE APPLICATIONS, pp.381-414, 2018 (SCI-Expanded)
- XV. **Preparation and In Vitro Evaluation of DNA-Bonded Polymeric Nanoparticles as New Approach for Transcutaneous Vaccination**
BÜYÜKKÖROĞLU G., ŞENEL B., Karabacak R. B.

LATIN AMERICAN JOURNAL OF PHARMACY, vol.36, no.4, pp.730-739, 2017 (SCI-Expanded)

- XVI. **Preparation and in vitro evaluation of vaginal formulations including siRNA and paclitaxel-loaded SLNs for cervical cancer**
BÜYÜKKÖROĞLU G., ŞENEL B., BAŞARAN E., Yenilmez E., Yazan Y.
EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS, vol.109, pp.174-183, 2016 (SCI-Expanded)
- XVII. **The simultaneous delivery of paclitaxel and Herceptin (R) using solid lipid nanoparticles: In vitro evaluation**
BÜYÜKKÖROĞLU G., ŞENEL B., Gezgin S., Tan Dinh T. D.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.35, pp.98-105, 2016 (SCI-Expanded)
- XVIII. **Development of paclitaxel-loaded liposomal systems with anti-her2 antibody for targeted therapy**
BÜYÜKKÖROĞLU G., ŞENEL B., BAŞARAN E., Gezgin S.
TROPICAL JOURNAL OF PHARMACEUTICAL RESEARCH, vol.15, no.5, pp.895-903, 2016 (SCI-Expanded)
- XIX. **Preparation and physicochemical characterizations of solid lipid nanoparticles containing DOTAP for DNA delivery**
BÜYÜKKÖROĞLU G., YAZAN E. Y., Oner A. F.
TURKISH JOURNAL OF CHEMISTRY, vol.39, no.5, pp.1012-1024, 2015 (SCI-Expanded)
- XX. **Chitosan nanoparticles for ocular delivery of cyclosporine A**
BAŞARAN E., Yenilmez E., BERKMAN M. S., BÜYÜKKÖROĞLU G., Yazan Y.
JOURNAL OF MICROENCAPSULATION, vol.31, no.1, pp.49-57, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. **Formulation and Characterization Studies of Paclitaxel Incorporated Kollidon® Sr and Chitosan Nanoparticles: An In Vitro Evaluation For Potential Use for Colorectal Cancer Treatment**
Koca Ö. A., Büyükköroğlu G., Başaran E.
Letters in Drug Design and Discovery, vol.1, no.1, pp.1386-1398, 2023 (Peer-Reviewed Journal)
- II. **Development of Solid Lipid Gene Delivery System**
BÜYÜKKÖROĞLU G.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.13, no.2, pp.249-258, 2016 (Scopus)
- III. **Development of solid lipid gene delivery system Katı lipit gen taşıyıcı sistem geliştirilmesi**
BÜYÜKKÖROĞLU G.
Turkish Journal of Pharmaceutical Sciences, vol.13, no.2, pp.249-258, 2016 (Scopus)
- IV. **Paclitaxel loaded cationic solid lipid nanoparticle formulation, preparation and evaluation**
Öztürk A. A., Şenel B., Yenilmez E., Başaran E., Büyükköroğlu G.
JOURNAL OF NANOMEDICINE AND NANOTECHNOLOGY, vol.5, no.5, pp.202, 2014 (Peer-Reviewed Journal)
- V. **Enhanced Bioavailability of Cinnarizine Using Solid Dispersion: In Vitro and In Vivo Evaluation**
Demirel M., BÜYÜKKÖROĞLU G., SIRMAGÜL B., Kalava B. S., Ozturk N., Yazan Y.
CURRENT DRUG THERAPY, vol.9, no.4, pp.294-301, 2014 (ESCI)
- VI. **Enhancement of the Ocular Bioavailability of Cyclosporine A by Cationic Polymeric Nanoparticles**
BAŞARAN E., YENİLMEZ E., BÜYÜKKÖROĞLU G., BERKMAN M. S., YAZAN E. Y.
JOURNAL OF BIOEQUIVALENCE AND BIOAVAILABILITY, vol.5, no.3, pp.45, 2013 (Peer-Reviewed Journal)
- VII. **Development and Evaluation of a Cosmetic W O Emulsion System Containing a Model Plant Extract**
BÜYÜKKÖROĞLU G., YAZAN E. Y.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.1, no.1, pp.31-46, 2004 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Nucleic Acid-Loaded Nanomedicines with Enhanced Anticancer Potential**
Şenel B., Büyükköroğlu G.

in: Bioactive-Loaded Nanomedicine for the Management of Health and Disease, Mahfoozur Rahman, Sarwar Beg, Khalid S. Alharbi, Waleed Hassan Almalki, Nabil K. Alruwaili, Majed Al Robaian, Editor, CRC, New York, Burlington, pp.37-60, 2023

II. Biotechnology in cosmetics

BÜYÜKKÖROĞLU G., ŞENEL B., SEVİM G.

in: Biotechnology in Healthcare, Volume 2: Applications and Initiatives, Barh, Debmalaya, Editor, Elsevier, Oxford, pp.273-287, 2022

III. Biotechnology in cosmetics

BÜYÜKKÖROĞLU G., ŞENEL B., SEVİM G.

in: Biotechnology in Healthcare, Volume 2: Applications and Initiatives, Debmalaya Bahr, Editor, Elsevier, pp.273-288, 2022

IV. Biotechnology applications in clinical trials

BÜYÜKKÖROĞLU G., ŞENEL B., ŞALVA E., Çalışkan B.

in: Biotechnology in Healthcare, Volume 2: Applications and Initiatives, Debmalaya Bahr, Editor, Elsevier, pp.163-196, 2022

V. Nucleic Acid-Loaded Nanomedicines with Enhanced

ŞENEL B., BÜYÜKKÖROĞLU G.

in: BIOACTIVE-LOADED NANOMEDICINE FOR THE MANAGEMENT OF HEALTH AND DISEASE, Mahfoozur Rahman, Sarwar Beg, Khalid S. Alharbi, Waleed Hassan Almalki, Nabil K. Alruwaili, Majed Al Robaian, Editor, Apple Academic Press Inc, Burlington, pp.37-59, 2022

VI. Biotechnology applications in clinical trials

BÜYÜKKÖROĞLU G., ŞENEL B., ŞALVA E., Çalışkan B.

in: Biotechnology in Healthcare, Volume 2: Applications and Initiatives, Barh, Debmalaya, Editor, Elsevier, Oxford, pp.163-216, 2022

VII. Vaginal Suppositories with siRNA and Paclitaxel-Incorporated Solid Lipid Nanoparticles for Cervical Cancer: Preparation and In Vitro Evaluation

BÜYÜKKÖROĞLU G., ŞENEL B., YENİLMEZ E.

in: RNA Interference and Cancer Therapy, Kumar, Lekha Dinesh, Editor, Springer, pp.303-328, 2019

VIII. Techniques for Protein Analysis

BÜYÜKKÖROĞLU G., DEMİR DORA D., ÖZDEMİR F., Hızal C.

in: Omics Technologies and Bio-engineering Volume 1 :Towards Improving Quality of Life, Debmalaya Barh and Vasco Azevedo, Editor, Elsevier Inc., Academic Press, pp.317-352, 2018

IX. Techniques for Protein Analysis

BÜYÜKKÖROĞLU G., DEMİR DORA D., ÖZDEMİR F., HIZEL C. H.

in: Omics Technologies and Bio-engineering Volume 1: Towards Improving Quality of Life, Debmalaya Barh and Vasco Azevedo, Editor, Elsevier Inc Academic Press, pp.317-352, 2018

X. Biyolojik ve Biyoteknolojik Ürünler Çalışma Grubu (Analiz Yöntemleri-Konak Hücre Protein Tayini İşlemleri)

ŞENEL S., BOZKIR A., ÖNER A. F., KARAAĞAOĞLU A. E., KANTARCI A. G., VURAL İ., ALPAR C. R., GÜRSOY R. N., bilge dağalap s., GÜRHAN S. İ., et al.

in: Türk Farmakopesi 2017, Türkiye İlaç ve Tıbbi Cihaz Kurumu Yayın Komisyonu (Dr. Ali Alkan, Eray Kaplan, Oğuzhan Koyuncu, Selin Ergün Ayan, Editor, T.C. Sağlık Bakanlığı, Türkiye İlaç ve Tıbbi Cihaz Kurumu, Artı 6 Matbaa Ltd. Sti., Ankara, pp.267-272, 2018

XI. Engineering Monoclonal Antibodies: Production and Applications

BÜYÜKKÖROĞLU G., ŞENEL B.

in: Omics Technologies and Bio-engineering Volume 1 :Towards Improving Quality of Life, Debmalaya Barh and Vasco Azevedo, Editor, Elsevier Inc., Academic Press, pp.353-390, 2018

XII. Nanocarriers for Vaccine and Gene Delivery Application

ŞENEL B., BÜYÜKKÖROĞLU G.

in: Multifunctional Nanocarriers for Contemporary Healthcare Applications, Md. Abul Barkat, Harshita A.B., Sarwar Beg and Farhan J. Ahmad, Editor, IGI GLOBAL, pp.381-414, 2018

- XIII. **Nanocarriers for Vaccine and Gene Delivery Application**
ŞENEL B., BÜYÜKKÖROĞLU G.
in: Multifunctional Nanocarriers for Contemporary Healthcare Applications, Abul Barkat, Harshita A.B., Sarwar Beg and Farhan J. Ahmad, Editor, IGI Global, pp.381-414, 2018
- XIV. **Engineering Monoclonal Antibodies: Production and Applications**
BÜYÜKKÖROĞLU G., ŞENEL B.
in: OMICS TECHNOLOGIES AND BIO-ENGINEERING: Towards Improving Quality of Life, Debmalya Barh, Vasco Azevedo, Editor, Elsevier, pp.353-389, 2018
- XV. **Breast Cancer Gene Therapy**
BÜYÜKKÖROĞLU G., ABBASOĞLU D., HIZEL C.
in: OMICS APPROACHES IN BREAST CANCER Towards Next Generation Diagnosis Prognosis and Therapy, Debmalya Barh, Editor, Springer, pp.519-534, 2014

Refereed Congress / Symposium Publications in Proceedings

- I. **A MOBILE APPLICATION TO THEORETICALLY CALCULATE THE PHYSICAL PROPERTIES OF MAGNETO-ELECTRIC EFFECT NANOSTRUCTURES THAT CAN TARGET TO CANCER CELLS**
SEVİM G., BÜYÜKKÖROĞLU G.
ASES III. INTERNATIONAL HEALTH, ENGINEERING AND SCIENCES CONFERENCE, Çanakkale, Turkey, 14 October 2022, pp.115-122
- II. **PH STANDARDIZATION FOR THE SYNTHESIS OF MAGNETIC NANOSTRUCTURES USED IN TARGETED DRUG DELIVERY SYSTEMS**
SEVİM G., BÜYÜKKÖROĞLU G.
5th International Congress Of Multidisciplinary Studies In Medical Sciences, Ankara, Turkey, 23 September 2022, pp.261-262
- III. **Preparation and Characterization of Meis Protein Inhibitor Loaded Albumin Nanoparticles**
Değer G., BÜYÜKKÖROĞLU G.
Uluslararası Türkiye Biyoteknoloji Kongresi Bio Türkiye, İstanbul, Turkey, 09 September 2021
- IV. **AKILCI İLAÇ KULLANIMI**
BÜYÜKKÖROĞLU G.
Uluslararası Türkiye Biyoteknoloji Kongresi Bio Türkiye, İstanbul, Turkey, 09 September 2021
- V. **Using of HDL Nanoparticles as a Gene Carrier System for Targeting Liver Cancer Cells**
BÜYÜKKÖROĞLU G., Masimov R.
International Pharmaceutical Biotechnology Virtual Symposium, İzmir, Turkey, 08 October 2021
- VI. **Development and Evaluation of venetoclax and siRNA loaded albumin based carrier systems**
Çalışkan B., ŞENEL B., BÜYÜKKÖROĞLU G.
Uluslararası Biyoteknoloji Kongresi (BioTürkiye), İstanbul, Turkey, 09 September 2021
- VII. **The studies on siRNA Delivery Systems for Colon Carcinomas**
ŞENEL B., BÜYÜKKÖROĞLU G.
ICEP 2019, PRAG, Czech Republic, 15 August 2019
- VIII. **The studies on siRNA delivery for colon carcinomas**
ŞENEL B., BÜYÜKKÖROĞLU G.
3rd International Congress and Exhibition on Pharmacy", Prag, Czech Republic, 15 - 16 August 2019
- IX. **SYNERGISTIC EFFECT OF siRNA AND PACLITAXEL-LOADED SLNs ON FOUR CANCER CELL LINES**
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