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International Researcher IDs

ScholarID: hKIOjWkAAAAJ

ORCID: 0000-0002-5299-2924

Publons / Web Of Science ResearcherID: E-4506-2013

ScopusID: 55855253700

Yoksis Researcher ID: 40436

Education Information

Doctorate, The University of Nottingham, The School of Pharmacy, United Kingdom 2010 - 2013

Undergraduate, Ege University, Faculty Of Pharmacy, Turkey 1997 - 2002

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Vocational Training, Workshop on PhD Supervision in Biomedicine and Health Sciences, Marmara University, Institute of Health Sciences, 2019

Personal Evolution, İletişim Liderleri Eğitimi, Marmara Üniversitesi Eczacılık Fakültesi, 2019

Vocational Training, Eğitici Gelişimi Eğitim Programı Sertifikası, Marmara Üniversitesi Sürekli Eğitim Merkezi, 2017

Vocational Training, Fitoterapi tedavisinde kullanılan droglar ve bitkilerle tedavi, Ege Üniversitesi Eczacılık Fakültesi, 2001

Dissertations

Doctorate, Characterisation studies of novel block copolymer assemblies, The University of Nottingham, School of Pharmacy, Drug Delivery and Tissue Engineering, Laboratory of Biophysics and Surface Analysis, 2013

Research Areas

Health Sciences, Pharmacology and Therapeutics, Pharmaceutics Technology

Academic Titles / Tasks

Assistant Professor, Marmara University, Faculty of Pharmacy, Pharmaceutical Technology, 2016 - Continues

Lecturer PhD, Marmara University, Faculty of Pharmacy, Pharmaceutical Technology, 2014 - 2016

Research Assistant, Marmara University, Faculty of Pharmacy, Pharmaceutical Technology, 2009 - 2014

Courses

Farmasötik Teknoloji I, Undergraduate, 2020 - 2021

Nanofarmasötikler, Postgraduate, 2020 - 2021

Tıbbi Malzeme, Undergraduate, 2019 - 2020

Farmasötik Teknoloji II, Undergraduate, 2020 - 2021

Endüstriyel Eczacılık, Undergraduate, 2020 - 2021

Topluma Hizmet Uygulamaları, Undergraduate, 2019 - 2020

Mezuniyet Projesi I-II, Undergraduate, 2020 - 2021

İlaç Endüstrisinde Mühendislik Uygulamaları, Undergraduate, 2020 - 2021, 2016 - 2017

Modern Farmasötik Sistemler, Undergraduate, 2020 - 2021

Kozmetoloji, Undergraduate, 2020 - 2021, 2019 - 2020

Kozmetolojide Modern Taşıyıcı Sistemler, Undergraduate, 2018 - 2019

Katı Dozaj Şekillerinde Gelişmeler , Postgraduate, 2015 - 2016

Kontrollü salım sistemleri , Postgraduate, 2015 - 2016

İyi İmalat Uygulamaları, Undergraduate, 2015 - 2016

Advising Theses

Yaşayan G., ALLANTOİN YÜKLÜ KİTOZAN/KOLLAJEN SKAFOLDLARIN HAZIRLANMASI VE KARAKTERİZASYONU, Postgraduate, G.Karaca(Student), 2018

Yaşayan G., Kocbek P., DEVELOPMENT OF BIODEGRADABLE POLYMER FILMS WITH NANOSTRUCTURED SURFACE, Postgraduate, V.ROŽMAN(Student), 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Selection of natural biomaterials for micro-tissue and organ-on-chip models**
Cecen B., BAL ÖZTÜRK A., YAŞAYAN G., ALARÇİN E., Kocak P., TUTAR R., KOZACI L. D., Shin S. R., Miri A. K.
JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A, vol.110, no.5, pp.1147-1165, 2022 (SCI-Expanded)
- II. **Development of mucoadhesive modified kappa-carrageenan/pectin patches for controlled delivery of drug in the buccal cavity**
ÖZKAHRAMAN B., ÖZBAŞ Z., YAŞAYAN G., Akguner Z. P., Yarimcan F., ALARÇİN E., Bal-Ozturk A.
JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS, vol.110, no.4, pp.787-798, 2022 (SCI-Expanded)
- III. **Chitosan/collagen composite films as wound dressings encapsulating allantoin and lidocaine hydrochloride**
YAŞAYAN G., Karaca G., Akguner Z. P., Ozturk A. B.
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS, vol.70, no.9, pp.623-635, 2021 (SCI-Expanded)
- IV. **Advancements and future directions in the antibacterial wound dressings - A review**
Bal-Ozturk A., ÖZKAHRAMAN B., ÖZBAŞ Z., YAŞAYAN G., Tamahkar E., ALARÇİN E.
JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS, vol.109, no.5, pp.703-716, 2021 (SCI-Expanded)
- V. **Tissue adhesives: From research to clinical translation**

Bal-Ozturk A., Cecen B., Avci-Adali M., Topkaya S. N., ALARÇIN E., YAŞAYAN G., Li Y. E., Bulkurcuoglu B., Akpek A., AVCI H., et al.

Nano Today, vol.36, 2021 (SCI-Expanded)

- VI. **Doxorubicin hydrochloride loaded nanotextured films as a novel drug delivery platform for ovarian cancer treatment**
YAŞAYAN G., MEGA TİBER P., ORUN O., ALARÇIN E.
PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, vol.25, no.10, pp.1289-1301, 2020 (SCI-Expanded)
- VII. **Fabrication and characterisation studies of cyclodextrin-based nanosponges for sulfamethoxazole delivery**
YAŞAYAN G., Şatiroğlu Sert B., TATAR E., KÜÇÜKGÜZEL İ.
Journal of Inclusion Phenomena and Macrocyclic Chemistry, vol.97, pp.175-186, 2020 (SCI-Expanded)
- VIII. **The interactions of human ovarian cancer cells and nanotextured surfaces: cell attachment, viability and apoptosis studies**
Yaşayan G., Orun O., Mega Tiber P., Rozman V., Sevinc S.
RSC ADVANCES, vol.9, pp.25957-25966, 2019 (SCI-Expanded)
- IX. **Current Strategies and Future Perspectives of Skin-on-a-Chip Platforms: Innovations, Technical Challenges and Commercial Outlook**
Bal-Ozturk A., Miccoli B., Avci-Adali M., Mogtader F., Sharifi F., Cecen B., YAŞAYAN G., Braeken D., ALARÇIN E.
CURRENT PHARMACEUTICAL DESIGN, vol.24, no.45, pp.5437-5457, 2018 (SCI-Expanded)
- X. **The influence of nanotexturing of poly(lactic-co-glycolic acid) films upon human ovarian cancer cell attachment**
Yasayan G., Xue X., Collier P., Clarke P., Alexander M. R., Marlow M.
NANOTECHNOLOGY, vol.27, no.25, 2016 (SCI-Expanded)
- XI. **Multi-modal switching in responsive DNA block co-polymer conjugates**
Yasayan G., Magnusson J. P., Sicilia G., Spain S. G., Allen S., Davies M. C., Alexander C.
PHYSICAL CHEMISTRY CHEMICAL PHYSICS, vol.15, no.38, pp.16263-16274, 2013 (SCI-Expanded)
- XII. **Well-defined polymeric vesicles with high stability and modulation of cell uptake by a simple coating protocol**
Yasayan G., Redhead M., Magnusson J. P., Spain S. G., Allen S., Davies M., Alexander C., Fernandez-Trillo F.
POLYMER CHEMISTRY, vol.3, no.9, pp.2596-2604, 2012 (SCI-Expanded)
- XIII. **Responsive hybrid block co-polymer conjugates of proteins-controlled architecture to modulate substrate specificity and solution behaviour**
Yasayan G., Saeed A. O., Fernandez-Trillo F., Allen S., Davies M. C., Jangher A., Paul A., Thurecht K. J., King S. M., Schweins R., et al.
POLYMER CHEMISTRY, vol.2, no.7, pp.1567-1578, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **Yetişkinlerde Yaşlanma Karşıtı Ürün Kullanımının ve Yaşlanma Kaygısının Değerlendirilmesi**
Göktürk M., Okuyan B., Yaşayan G.
Düzce Üniversitesi Sağlık Bilimleri Enstitüsü Dergisi, vol.11, no.2, pp.214-220, 2021 (Peer-Reviewed Journal)
- II. **Chitosan films and chitosan/pectin polyelectrolyte complexes encapsulating silver sulfadiazine for wound healing**
Yaşayan G.
Istanbul Journal of Pharmacy, vol.50, no.3, pp.238-244, 2020 (ESCI)
- III. **Evaluation of Pharmacy Manager's Knowledge and Attitude on Extemporaneous Preparation**
Andac A., YAŞAYAN G., ALARÇIN E., OKUYAN B., ŞAHBAZ S.
MARMARA PHARMACEUTICAL JOURNAL, vol.19, no.3, pp.283-289, 2015 (ESCI)

Books & Book Chapters

I. Nanoparticles for Nucleic Acid Delivery

Spain S., YAŞAYAN G., Soliman M., Heath F., Saeed A. O., Alexander C.

in: Comprehensive Biomaterials, Volume 4: Biocompatibility, Surface Engineering, and Delivery Of Drugs, Genes and Other Molecules, P. Ducheyne, K.E. Healy, D.W. Hutmacher, D.W. Grainger, C.J. Kirkpatrick, Editor, Elsevier Science, pp.389-410, 2011

Refereed Congress / Symposium Publications in Proceedings

I. Disordered arrays of nanopatterned sodium alginate/chitosan implants encapsulating dexamethasone sodium phosphate

YAŞAYAN G.

1st International Congress on Engineering Sciences and Multidisciplinary Approaches, İstanbul, Turkey, 23 - 24 February 2021

II. Chitosan scaffolds with hexagonally-packed and monolayered surface textures encapsulating bovine serum albumin as a model drug

YAŞAYAN G.

2nd International Congress on Multidisciplinary Studies in Medical Sciences, Ankara, Turkey, 13 - 14 February 2021

III. Evaluation of Nanotextured Films Encapsulating Doxorubicin Hydrochloride for Drug Delivery Applications

YAŞAYAN G.

5th International Conference on Biomaterials and Biosensors, Turkey, 14 - 20 October 2020

IV. FABRICATION AND CHARACTERIZATION STUDIES OF CHITOSAN AND CHITOSAN/PECTIN POLYELECTROLYTE COMPLEX FILMS AS WOUND DRESSINGS

Yaşayan G.

1st International Congress of Multidisciplinary Studies in Medical Sciences, İstanbul, Turkey, 3 - 05 June 2020

V. Nano-Desenli ve İlaç Yüklü Biyomalzemelerin Yumurtalık Kanser Hücrelerine Etkisinin Hücre Kültürü Çalışmaları ile Değerlendirilmesi

YAŞAYAN G., ORUN O., MEGA TİBER P.

31. Ulusal Biyofizik Kongresi, Turkey, 9 - 12 October 2019

VI. Drug Releasing Collagen/Chitosan Composite Scaffolds for Wound Healing

Karaca G., YAŞAYAN G.

European Federation of Pharmaceutical Sciences (EUFEPS) Annual Meeting, 24 - 26 May 2018

VII. Modulation of Cancer Cell Behavior by Nanotexturing

YAŞAYAN G., ORUN O., MEGA TİBER P., KOÇYİĞİT SEVİNÇ S.

International Meeting on EducationResearch in Health Sciences, 3 - 05 November 2017

VIII. Preparation and Characterisation of Novel Collagen/Chitosan Scaffolds for Wound Healing

Karaca G., YAŞAYAN G.

International Meeting on EducationResearch in Health Sciences, 3 - 05 November 2017

IX. Preparation and Characterization Studies of Nanotextured Polycaprolactone Scaffolds

YAŞAYAN G., MEGA TİBER P., ORUN O.

13th Nanoscience and Nanotechnology Conference, 22 - 25 October 2017

X. Kendiliğinden oluşan blok kopolimer sistemlerin karakterizasyon çalışmaları

YAŞAYAN G., Francisco F. T., Allen S., Davies M., Alexander C.

İVEK 3. Uluslararası İlaç ve Eczacılık Kongresi, 26 - 29 April 2017

XI. Characterization studies of well defined block co polymer assemblies

YAŞAYAN G., Fernandez Trillo F., Allen S., Davies M. C., Alexander C.

4th International Meeting on Pharmacy & Pharmaceutical Sciences, 18 - 21 September 2014

- XII. Biophysical studies of responsive DNA block co polymer conjugates**
YAŞAYAN G., Magnusson J. P., Allen S., Davies M. C., Alexander C.
4th International Meeting on Pharmacy & Pharmaceutical Sciences, 18 - 21 September 2014
- XIII. Characterisation Studies of Novel Protein Polymer Conjugates**
YAŞAYAN G., Magnusson J. P., Allen S., Davies M. C., Alexander C.
BioNanoMed, 13 - 15 March 2013
- XIV. Studies of Novel Protein Polymer Conjugates**
YAŞAYAN G., Magnusson J. P., Allen S., Davies M. C., Alexander C.
APS PharmSci, 12 - 14 September 2012
- XV. Varying polymer structures for delivering drugs and recognising cell signals**
Alexander C., Fernandez Trillo F., Magnusson J. P., Spain S., Saeed A., Xue X., YAŞAYAN G., Redhead M.
Warwick 2012 Polymers: MacroGroup UK International Conference on Polymer Synthesis UKPCF International Conference on Polymer Colloids, 9 - 12 July 2012
- XVI. Characterization studies of novel self assembled block co polymer structures**
YAŞAYAN G., Fernandez Trillo F., Allen S., Davies M. C., Alexander C.
Controlled Radical Polymerisation–Synthesis and Characterisation (RAPS and Macrogroup), 10 October 2011

Supported Projects

Alarçin E., Yaşayan G., Akakin D., Bal-Öztürk A., Eren Özcan G. G., Kerimoğlu O., TUBITAK Project, Kemik Hasarlarının Tedavisi İçin Üç Boyutlu Baskılama Yöntemi İle İlaç Taşıyıcı Doku İskelelerinin Hazırlanması, In Vitro Karakterizasyonu Ve In Vivo Kalvaryal Kemik Hasarı Modelinde Değerlendirilmesi, 2018 - 2021

Yaşayan G., Özkahraman B., Özbaş Z., Sağlam F., Bal Öztürk A., TUBITAK Project, Bukkal Uygulamalara Yönelik Kontrollü İlaç Salımı Yapabilen Yeni Nesil Mukoyapışabilir Hidrojel Yamaların (Patch) Geliştirilmesi, 2018 - 2020

Yaşayan G., Şatiroğlu B., Project Supported by Higher Education Institutions, İlaç taşıyıcı sistem olarak nanosüngerlerin hazırlanması ve karakterizasyon çalışmaları, 2018 - 2020

Yaşayan G., Karaca G., Project Supported by Higher Education Institutions, Allantoin yüklü kitozan/kollajen skafoldların hazırlanması ve karakterizasyonu, 2017 - 2019

Yaşayan G., Orun O., Mega Tiber P., TUBITAK Project, Nano Desenli Polikaprolakton Yüzeylerin Üretimi Karakterizasyonu ve Kanser Tedavisinde Kullanımlarının Hücre Kültürü Çalışmaları ile Değerlendirilmesi, 2014 - 2017

Yaşayan G., Xue X., Marlow M., Alexander M., Collier P., Clarke P., Project Supported by Public Organizations in Other Countries, Modulation of cancer cell adhesion/proliferation to biomaterials to prevent cancer reoccurrence, 2013 - 2013

Scientific Refereeing

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, February 2020

MARMARA PHARMACEUTICAL JOURNAL, National Scientific Refreed Journal, January 2019

Istanbul Journal of Pharmacy, National Scientific Refreed Journal, January 2019

CLINICAL AND EXPERIMENTAL HEALTH SCIENCE, National Scientific Refreed Journal, July 2017

Metrics

Publication: 33

Citation (WoS): 186

Citation (Scopus): 258

H-Index (WoS): 7

H-Index (Scopus): 8

Scholarships

Yükseköğretim Kurumu Yurtdışı doktora bursu, YOK, 2010 - 2013

Awards

Yaşayan G., The University Of Nottingham Endowed Awards and Andrew Hendry Postgraduate Scholarship, The University Of Nottingham, April 2013