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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAD-6166-2020

ScopusID: 16645218500

Yoksis Researcher ID: 103190



Foreign Languages

English, C1 Advanced

German, C1 Advanced

Dissertations

Doctorate, Yeni topikal bariyer krem formilasyonları hazırlanması amacı ile Vernix caseosa yapısı ve insan derisi ile etkileşimleri üzerinde çalışmalar, Istanbul University, Health Sciences Institute, 2005

Postgraduate, Kozmetik amaçlı lipozom preparatları üzerinde araştırmalar, Istanbul University, Health Sciences Institute, 2000

Academic Titles / Tasks

Associate Professor
2018 - Continues

Istanbul University, Faculty of Pharmacy , Department of Pharmaceutical
Technology

Assistant Professor
2018 - 2018

Istanbul University, Faculty of Pharmacy , Department of Pharmaceutical
Technology

Assistant Professor
2010 - 2018

Istanbul University, Faculty of Pharmacy , Department of Pharmaceutical
Technology

Supported Projects

1. ERDAL M. S., KOCA C., Project Supported by Higher Education Institutions, Pensiklovirin Mikroïğne

Formülasyonlarının Geliştirilmesi ve Karakterizasyonu, 2024 - Continues

2. GÜNGÖR S., ERDAL M. S., KAHRAMAN ŞİRİN E., SARIBEY G., Project Supported by Higher Education Institutions, Mometazon furoat merheminin in vivo etkinliğinin tespiti için kullanılan deri beyazlatma testi yönteminin optimizasyonu, 2022 - Continues
3. Koca C., Altuntaş E., Erdal M. S., Gürbüz Yurtsever A., Project Supported by Higher Education Institutions, Development and Characterization of Model Drug Lidocaine Hydrochloride Loaded Soluble Microneedle Arrays Using Three-Dimensional Printing Technology, 2024 - 2026
4. Gürbüz Yurtsever A., Esentürk Güzel İ., Erdal M. S., Müftüoğlu M., Ekmekçioğlu A., Şevgin K., Ergüven S. P., Project Supported by Higher Education Institutions, Tazaroten yüklü nano taşıyıcı sistemlerin geliştirilmesi, in vitro karakterizasyonları ve in vivo antipsöriyatik aktivitelerinin ve deri iritasyon potansiyellerinin tayin edilmesi, 2023 - 2025
5. Altuntaş E., Gürbüz Yurtsever A., Erdal M. S., Koca C., Altındaş M., Yavru S., Kırımlı C. E., Gök Ö., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Antiviral Ajan Yüklü Çözünür Mikro iğne Dizilerinin Geliştirilmesi ve Herpes Simplex Virüs Tip 1 Üzerindeki İn Vitro Antiviral Etkinliğin Değerlendirilmesi, 2023 - 2025
6. İş S. N., Tahiri E., Erdal M. S., TUBITAK Project, Atopik Dermatit Tedavisinde Kullanılmak Üzere Topikal Kortikosteroid ve Bitkisel Ekstre Kombinasyonu İçeren Emüljel Formülasyonlarının Geliştirilmesi ve İn Vitro Karakterizasyonu, 2023 - 2024
7. Pehlivan S., Erdal M. S., TUBITAK Project, Antikanser etken madde yüklü kolloidal ilaç taşıyıcı sistemlerin geliştirilmesi ve in vitro karakterizasyonu, 2023 - 2024
8. Akalın E., Erdal M. S., Üresin A. Y., Ekici M., Gürbüz Yurtsever A., Gürdal Abamor M. B., Özdemir Nath E., Güler N., Project Supported by Higher Education Institutions, Ammi visnaga L Lam bitkisinin ekstraktlarından hareketle postmenapozal topikal ürün geliştirilmesi, 2022 - 2024
9. OZAN G., GÜRBÜZ A., BATU Ş., ÖNAY UÇAR E., ŞAR SANCAKLI H., GÜRBÜZ YURTSEVER A., ŞENGELEN A., ERDAL M. S., ÖZEL YILDIZ S., Project Supported by Higher Education Institutions, Teaflavin içerikli deneysel dental verniklerin dentin erozyonuna karşı etkinliklerinin değerlendirilmesi, 2022 - 2024
10. ERDAL M. S., AGHAMALILI N., Project Supported by Higher Education Institutions, Antihistaminik Bir Etkin Maddenin Topikal Emüljel Formülasyonlarının Hazırlanması ve İn Vitro Karakterizasyonu, 2022 - 2023
11. Erdal M. S., Müftüoğlu M., TUBITAK Project, Mitokondriye Hedefli İlaç Yüklü Nano taşıyıcı Sistemlerin Yanlış Eşleşme DNA Tamir Mekanizması Hasarlı Kolon Kanseri Üzerine Etkilerinin Araştırılması, 2019 - 2023
12. ERDAL M. S., GÜRBÜZ A., Project Supported by Higher Education Institutions, Psoriasis Tedavisinde Kullanılmak Üzere Topikal Taşıyıcı Sistemlerin Geliştirilmesi ve Değerlendirilmesi, 2018 - 2022
13. ERDAL M. S., ÖZALP E. P., Project Supported by Higher Education Institutions, Diflukortolon valerat yüklü topikal mikroemülsiyon formülasyonlarının geliştirilmesi ve in vitro değerlendirilmesi, 2020 - 2021
14. ERDAL M. S., ONAN D., DEMİRTÜRK E., Project Supported by Higher Education Institutions, Kortikosteroid İçeren Topikal Emüljel Formülasyonlarının Geliştirilmesi ve İn Vitro Değerlendirilmesi, 2020 - 2021
15. ERDAL M. S., BATIYEVA N., Project Supported by Higher Education Institutions, Etodolak içeren yeni topikal formülasyonların geliştirilmesi ve in vitro karakterizasyonu çalışmaları, 2020 - 2021
16. GÜNGÖR S., ERDAL M. S., Project Supported by Higher Education Institutions, Topikal Vesiküler ilaç taşıyıcı sistemlerin optimizasyonu, 2017 - 2020
17. GÜNGÖR S., ERDAL M. S., GÜNGÖRDÜK S., Project Supported by Higher Education Institutions, Topical Nanosized Colloidal Carriers of Tacrolimus Development Characterization and Skin Uptake Studies, 2017 - 2020
18. ERDAL M. S., ERGİNER Y., GÜNGÖR S., MAT C., Project Supported by Higher Education Institutions, Mikroemülsiyon tipi kolloidal taşıyıcı sistemlerin antifungal aktivitelerinin tayin edilmesi, 2017 - 2018
19. ERDAL M. S., GÜNGÖR S., ESENTÜRK İ., Project Supported by Higher Education Institutions, Sertaconazole loaded nanofibers as topical drug carriers, 2017 - 2018
20. ERDAL M. S., Project Supported by Higher Education Institutions, Elektroegirme Yöntemi ile Hazırlanan Nanoliflerin Deriye Uygulanan İlaç Taşıyıcı Sistemler Olarak Değerlendirilmeleri, 2015 - 2018
21. ERDAL M. S., ÖZHAN G., GÜNGÖR S., GÜRBÜZ A., GÜNGÖRDÜK S., Project Supported by Higher Education Institutions, Flurbiprofen yüklü koloidal taşıyıcı sistemlerin formülasyon optimizasyonunun yapay sinir ağı kullanılarak gerçekleştirilmesi ve ilacın deriye penetrasyonunun in vitro koşullarda incelenmesi, 2016 - 2017
22. ERDAL M. S., GÜNGÖR S., TUBITAK Project, Topikal Antifungal Etkin Madde Yüklü Transsetozomların

- Geliştirilmesi: Deriye Penetrasyonlarının ve Derideki Tutulumlarının in vitro Değerlendirilmesi, 2014 - 2016
23. Güngör S., Erdal M. S., Industrial Thesis Project, Atopik Dermatit Tedavisine Yönelik Yenilikçi Topikal Formülasyonların Geliştirilmesi, 2013 - 2016
 24. ERDAL M. S., GÜNGÖR S., Project Supported by Higher Education Institutions, TOPIKAL VEZİKÜLER İLAÇ TAŞIYICI SİSTEMLERİN OPTİMİZASYONU VE FARKLI LİPOFİLİTEYE SAHİP MODEL İLAÇLAR İLE YÜKLENEREK DERMAL HEDEFLENDİRİLMELERİNİN ARAŞTIRILMASI, 2013 - 2016
 25. ERDAL M. S., Project Supported by Higher Education Institutions, Topikal uygulamaya yönelik model lipofilik ilacın koloidal taşıyıcı sistemlerinin optimizasyonu ve ilacın derideki birikiminin incelenmesi, 2014 - 2015
 26. ERDAL M. S., Project Supported by Higher Education Institutions, Topikal İzotretinoin Uygulanmasına Yönelik Koloidal İlaç Taşıyıcı Sistemlerin Geliştirilmesi, 2013 - 2015
 27. ERDAL M. S., Project Supported by Higher Education Institutions, Improved skin penetration and distribution of two antifungal compounds using new topical carriers, 2014 - 2014
 28. ERDAL M. S., Project Supported by Higher Education Institutions, Dermal Hedeflendirmeye Yönelik Kolloidal Taşıyıcı Sistemlerin Geliştirilmesi, 2010 - 2013
 29. ERDAL M. S., Project Supported by Higher Education Institutions, Naftifin Yüklü Mikropartiküler Sistemler: Hazırlanmaları, topikal formülasyonlara ilave edilmeleri, kontrollü salım yapan sistemler olarak kullanılabilirliklerinin farklı yöntemler ile in vivo koşullarda değerlendirilmesi, 2007 - 2011
 30. ERDAL M. S., Project Supported by Higher Education Institutions, Evaluation of the effect of penetration enhancers on excised pig stratum corneum permeability with ATR-FTIR spectroscopy, 2009 - 2009

Awards

1. Güngör S., Erdal M. S., Mesut B., Gürbüz Yurtsever A., 6. Ar-Ge Proje Pazarı-İlaç ve Eczacılık Ürünleri Kategorisi Birincilik Ödülü, İkmib, November 2016
2. Güngör S., Erdal M. S., Erginer Y., Kimyevi Maddeler ve Mamülleri Sektörü 1. Ar-Ge Pazarı, İlaç ve Eczacılık Ürünleri Dalında Proje İkincilik Ödülü, İkmib, March 2011

Scholarships

FIP Research Fund, Other International Organizations, 2002 - 2003

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Mitochondria-Targeted Liposomes for Drug Delivery to Tumor Mitochondria**
Ekmekçiöğlü A., Gök Özatay Ö., Öz Arslan D., Erdal M. S., Uzuner Y., Müftüoğlu M.
PHARMACEUTICS, no.16, pp.1-18, 2024 (SCI-Expanded)
2. **Formulation development and evaluation of fluvastatin loaded transethosomes: Characterization, stability, in vitro dermal penetration, cytotoxicity and antipsoriatic activity studies**
Yurtsever A., Ekmekcioglu A., MÜFTÜOĞLU M., GÜNGÖR S., ERDAL M. S.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.91, 2024 (SCI-Expanded)
3. **DEVELOPMENT OF HERBAL BIOACTIVE LOADED NANOPARTICLES FOR TOPICAL APPLICATION IN VITILIGO**
Abdo L., Esenturk-Guzel I., Topuzoglu S., Yurtsever A., ERDAL M. S., Yapar E. A.
FARMACIA, vol.71, no.6, pp.1305-1315, 2023 (SCI-Expanded)
4. **IMPROVED SKIN PENETRATION AND DEPOSITION OF NAFTIFINE FROM TRANSETHOSOMES AND TRANSETHOSOMAL GEL FORMULATIONS**
Guzel I. E., Gungor S., Erdal M. S.
FARMACIA, vol.70, no.3, pp.514-521, 2022 (SCI-Expanded)

5. **Preparation and characterization of naftifine-loaded poly(vinyl alcohol)/sodium alginate electrospun nanofibers**
Esentürk İ., Balkan T., Güngör S., Saraç A. S., Erdal M. S.
Brazilian Journal Of Pharmaceutical Sciences, vol.56, pp.1-12, 2021 (SCI-Expanded)
6. **Silk-fibroin-containing nanofibers for topical sertaconazole delivery: preparation, characterization, and antifungal activity**
Esenturk I., Gumrukcu S., Sert A. B. O., Kök F. N., DÖŞLER S., GÜNGÖR S., ERDAL M. S., Sarac A. S.
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS, vol.70, no.9, pp.605-622, 2021 (SCI-Expanded)
7. **Silver sulfadiazine Loaded Poly (epsilon-Caprolactone)/Poly (Ethylene Oxide) Composite Nanofibers for Topical Drug Delivery**
Barbak Z., Karakaş H., Esenturk I., ERDAL M. S., Sarac A. S.
NANO, vol.15, no.6, 2020 (SCI-Expanded)
8. **Voriconazole incorporated nanofiber formulations for topical application: preparation, characterization and antifungal activity studies against <i>Candida</i> species.**
Esenturk I., Balkan T., Ozhan G., Doesler S., Gungor S., Erdal M. S., Sarac A. S.
Pharmaceutical development and technology, vol.25, no.4, pp.440-453, 2020 (SCI-Expanded)
9. **Voriconazole and sertaconazole loaded colloidal nano-carriers for enhanced skin deposition and improved topical fungal treatment**
Qurt M. S., Esenturk I., Tan S. B., Erdal M. S., Araman A., Gungor S.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.48, pp.215-222, 2018 (SCI-Expanded)
10. **Preparation and in-vivo evaluation of dimenhydrinate buccalmucoadhesive films with enhanced bioavailability**
Pekoz A., Erdal M. S., Okyar A., Ocak M., Tekeli F., Kaptan E., Sagirli O., Araman A.
Drug Development and Industrial Pharmacy, vol.42, no.6, pp.916-925, 2016 (SCI-Expanded)
11. **Colloidal nanocarriers for the enhanced cutaneous delivery of naftifine: characterization studies and in vitro and in vivo evaluations**
Erdal M. S., Ozhan G., Mat M. C., Ozsoy Y., Gungor S.
INTERNATIONAL JOURNAL OF NANOMEDICINE, vol.11, pp.1027-1037, 2016 (SCI-Expanded)
12. **Colloidal carriers of isotretinoin for topical acne treatment: skin uptake, ATR-FTIR and in vitro cytotoxicity studies**
Gurbuz A., Ozhan G., Gungor S., Erdal M. S.
ARCHIVES OF DERMATOLOGICAL RESEARCH, vol.307, no.7, pp.607-615, 2015 (SCI-Expanded)
13. **Biopolymer-Based Transdermal Films of Donepezil as an Alternative Delivery Approach in Alzheimer's Disease Treatment**
Galipoglu M., Erdal M. S., Gungor S.
AAPS PHARMSCITECH, vol.16, no.2, pp.284-292, 2015 (SCI-Expanded)
14. **Optimization of Biopolymer Based Transdermal Films of Metoclopramide as an Alternative Delivery Approach**
Aktar B., Erdal M. S., Sagirli O., Gungor S., Ozsoy Y.
POLYMERS, vol.6, no.5, pp.1350-1365, 2014 (SCI-Expanded)
15. **SYNERGISTIC EFFECTS OF TRANSCUTOL AND TERPENES AS PENETRATION ENHANCERS: IN VITRO AND IN VIVO ATR-FTIR SPECTROSCOPIC IMAGING STUDIES**
Erdal M. S., Ozdin D., Gungor S.
ADVANCES IN DERMATOLOGICAL SCIENCES, vol.20, pp.113-123, 2014 (SCI-Expanded)
16. **Impacts of chemical enhancers on skin permeation and deposition of terbinafine**
Erdal M. S., Pekoz A., Aksu B., Araman A.
Pharmaceutical Development and Technology, vol.19, no.5, pp.565-570, 2014 (SCI-Expanded)
17. **Design and in vivo evaluation of emulgel formulations including green tea extract and rose oil**
Yapar E. A., Inal O., Erdal M. S.
ACTA PHARMACEUTICA, vol.63, no.4, pp.531-543, 2013 (SCI-Expanded)

18. **Optimization and Characterization of Chitosan Films for Transdermal Delivery of Ondansetron**
Can A. S., Erdal M. S., Gungor S., Ozsoy Y.
MOLECULES, vol.18, no.5, pp.5455-5471, 2013 (SCI-Expanded)
19. **Plasticizers in Transdermal Drug Delivery Systems**
Gungor S., Erdal M. S., Ozsoy Y.
RECENT ADVANCES IN PLASTICIZERS, pp.91-112, 2012 (SCI-Expanded)
20. **In-vitro and in-vivo evaluation of penetration enhancer effects of terpene-transcutol mixtures with ATR-FTIR spectroscopy**
Gungor S., Erdal M. S., Ozdin D., Araman A.
JOURNAL OF PHARMACY AND PHARMACOLOGY, vol.62, no.6, pp.801, 2010 (SCI-Expanded)
21. **Ex vivo and in vivo evaluation of penetration effects of terpene-transcutol mixtures with ATR-FTIR spectroscopy**
GÜNGÖR S., ERDAL M. S., Özdin D., ARAMAN A. O.
JOURNAL OF PHARMACY AND PHARMACOLOGY, vol.62, pp.810-821, 2010 (SCI-Expanded)
22. **ATR-FTIR SPECTROSCOPIC ANALYSIS OF THE EFFECT OF TERPENE/CO-SOLVENT MIXTURES ON PIG SKIN**
Erdal M. S., Ozdin D., Gungor S.
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.38, no.1, pp.147-149, 2009 (SCI-Expanded)

Articles Published in Other Journals

1. **RECENT TECHNOLOGIES IN CONTROLLED RELEASE DRUG DELIVERY**
Özçelik E., Erdal M. S., Özsoy Y.
Sabiad , vol.5, no.2, pp.122-129, 2022 (Peer-Reviewed Journal)
2. **Evaluation of clinical trials of the plants, which have ethnobotanical uses for skin disorders in Turkey: a review**
Alan Z., Özgüldü H., Erdal M. S., Yaman Bucak A., Üresin A. Y., Akalın Uruşak E.
Clinical Phytoscience, vol.79, no.7, pp.1-29, 2021 (Peer-Reviewed Journal)
3. **Design and characterisation of colloidal nanocarriers for enhanced skin delivery of etodolac**
Saribey G., Kahraman E., ERDAL M. S., GÜNGÖR S.
Journal of Research in Pharmacy, vol.25, no.1, pp.22-33, 2021 (ESCI)
4. **COVID-19 Sürecinde İbuprofen ve Diğer Nonsteroidal Antienflamatuvar İlaçların Kullanımının Güvenirliliği**
Alp Yıldırım F. İ., Erdal M. S.
Sağlık Bilimlerinde İleri Araştırmalar Dergisi, vol.3, pp.88-91, 2020 (Peer-Reviewed Journal)
5. **In vitro skin permeation and antifungal activity of naftifine microemulsions Naftifin mikroemülsiyonlarının in vitro deriden permeasyonu ve antifungal aktivitesi**
Erdal M. S., Gürbüz A., Birteksöz T., Güngör S., Özsoy Y.
Turkish Journal of Pharmaceutical Sciences, vol.17, no.1, pp.43-48, 2020 (ESCI)
6. **Formulation and in vitro Characterization of Transethosomes for Dermal Drug Delivery**
Gürbüz A., Güngör S., Erdal M. S.
Sağlık Bilimlerinde İleri Araştırmalar Dergisi, vol.2, no.2, pp.51-59, 2019 (Peer-Reviewed Journal)
7. **Development and in vitro characterization of microemulsions of isotretinoin**
GÜRBÜZ A., GÜNGÖR S., ERDAL M. S.
Acta Pharmaceutica Scientia, vol.55, no.2, pp.17-32, 2017 (Scopus)
8. **Electrospinning method to produce drug-loaded nanofibers for topical/ transdermal drug delivery applications**
Esenturk I., Erdal M. S., Gungor S.
ISTANBUL JOURNAL OF PHARMACY, vol.46, no.1, pp.49-68, 2016 (ESCI)
9. **New formulation strategies in topical antifungal therapy**

- Güngör S., ERDAL M. S., Aksu B.
Journal of Cosmetics, Dermatological Sciences and Applications, no.3, pp.56-65, 2013 (Peer-Reviewed Journal)
10. **Derinin yapısının aydınlatılması ve geçirgenliğin değerlendirilmesinde kullanılan biyofiziksel yöntemler**
Güngör S., ERDAL M. S., Özdin D.
TÜRKİYE KLİNİKLERİ DERMATOLOJİ DERGİSİ, no.21, pp.25-39, 2011 (Scopus)
 11. **Transdermal films of metoclopramide hydrochloride with terpenes as penetration enhancers: Design, characterization, in vitro evaluation and ATR-FTIR spectroscopic investigation on excised pig skin**
ERDAL M. S., SAĞIRLI A. O., ERGİNER Y.
Asian Chemistry Letters, vol.16, no.1, pp.67-78, 2011 (Peer-Reviewed Journal)
 12. **Comparative evaluation of the structure of vernix caseosa and human stratum corneum by transmission-FTIR spectroscopy**
ERDAL M. S., ARAMAN A. O.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, pp.73-83, 2009 (Scopus)
 13. **Preparation and in vitro evaluation of indomethacin loaded solid lipid microparticles**
ERDAL M. S., Güngör S., Özsoy Y., ARAMAN A. O.
Acta Pharmaceutica Scientia, pp.203-210, 2009 (Scopus)
 14. **A comparative study about the skin hydrating effect of vernix caseosa**
ERDAL M. S., ARAMAN A. O.
Polish Journal of Cosmetology, pp.248-260, 2007 (Peer-Reviewed Journal)
 15. **Vernix Caseosanın İnsan Derisi Ile Etkileşiminin Biyofiziksel Yöntemler Kullanılarak Araştırılması**
ERDAL M. S., ARAMAN A. O.
TÜRKİYE KLİNİKLERİ DERMATOLOJİ DERGİSİ, pp.171-179, 2007 (Scopus)
 16. **A comparative study about the skin hydrating effect of vernix caseosa. Pol J Cosmetology**
ERDAL M. S., ARAMAN A. O.
Polish Journal of Cosmetology, pp.248-260, 2007 (Peer-Reviewed Journal)
 17. **Development and evaluation of multiple emulsion systems containing cholesterol and squalene**
ERDAL M. S., ARAMAN A. O.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, pp.105-121, 2006 (Scopus)
 18. **Farmasötik endüstride E müşteri ilişkileri yönetimi e CRM**
ERDAL M., ERDAL M. S.
GÜNCEL ECZACILIK, no.109, pp.17-21, 2002 (Non Peer-Reviewed Journal)
 19. **Enhanced Dissolution Rate of Tiaprofenic Acid Using Gelucire 44/14**
ERDAL M. S., ARAMAN A. O., Uzunkaya G., ÖZSOY ERGİNER Y.
SCIENTIA PHARMACEUTICA, pp.295-307, 2002 (Scopus)
 20. **İlaç sektöründe e iş çevresi ve e dönüşüm**
ERDAL M., ERDAL M. S.
Activeline, no.28, pp.36-37, 2002 (Non Peer-Reviewed Journal)

Books & Book Chapters

1. **Cancer: From Genomics to Pharmaceutics**
Karakaş Z. (Editor), Erdal M. S. (Editor), Sayitoğlu M. (Editor), Soluk Tekkeşin M. (Editor)
İSTANBUL ÜNİVERSİTESİ YAYINLARI, İstanbul, 2024
2. **Electrospun Nanofibers as Carriers in Dermal Drug Delivery**
Erdal M. S., Güngör S.
in: Nanopharmaceuticals: Principles and Applications Vol. 3. Environmental Chemistry for a Sustainable World, Yata V., Ranjan S., Dasgupta N., Lichtfouse E, Editor, Springer, London/Berlin, Zug, pp.139-163, 2020
3. **Recent advances in biopolymer-based transdermal patches**

Güngör S., Kahraman E., Erdal M. S., Özsoy Y.

in: Biopolymer Membranes and Films, Health, Food, Environment, and Energy Applications, Mariana Agostini de Moraes, Classius Ferreira da Silva, Rodrigo Silveira Vieira, Editor, Elsevier Science, Oxford/Amsterdam, Chennai, pp.195-217, 2020

4. **Nanocarriers of Antifungal Agents**

GÜNGÖR S., ERDAL M. S.

in: Recent Trends in Antifungal Agents and Antifungal Therapy, Basak, Amit, Chakraborty, Ranadhir, Mandal, Santi M., Editor, Springer-Verlag, Heidelberg, pp.1-19, 2016

5. **Dermal and Transdermal Drug Delivery Systems**

GÜNGÖR S., ERDAL M. S., ERGİNER Y.

in: Encyclopedia of Biomedical Polymers and Polymeric Biomaterials, Munmaya KM., Editor, Taylor And Francis, New York, pp.2606-2619, 2016

6. **Colloidal carriers in the topical treatment of dermatological diseases**

GÜNGÖR S., ERDAL M. S., Güngördük S.

in: Nano Based Drug Delivery, Naik J., Editor, Iapc Bookhome Publishing, Zagreb, pp.391-409, 2015

7. **Uygulamada Kozmetik Teknik Bilgi Dosyası**

ERDAL M. S.

in: Avrupa da Kozmetiklerin Güvenlilik Değerlendirmesi, Yücel Kadioğlu, Editor, Cosmingcom Yayınları-Kaldırım Yayınları, İstanbul, pp.173-190, 2014

8. **Synergistic Effects of Transcutol and Terpenes as Penetration Enhancers: In vitro and In vivo ATR-FTIR Spectroscopic Imaging Studies**

ERDAL M. S., Özdin D., GÜNGÖR S.

in: Advanced Dermatological Sciences, Chicott R. and Brain K., Editor, Uk Royal Society Of Chemistry Cambridge, Uk, Cambridge, pp.100-110, 2014

9. **Plasticizers in Transdermal Delivery Systems**

GÜNGÖR S., ERDAL M. S., ERGİNER Y.

in: Plasticizers, Luqman M., Editor, Intech, Rijeka, pp.91-112, 2012

10. **E-Sağlık; bilişim teknolojileri perspektifinden ilaç ve pazarlama teknikleri: Dünya ve avrupa birliği kapsamında yasal düzenlemeler**

ERDAL M. S., Erdal M., ARAMAN A. O.

Filiz Kitapevi, İstanbul, 2004

11. **E Sağlık Bilişim Teknolojileri Perspektifinden İlaç ve Pazarlama Teknikleri Dünya ve Avrupa Birliği Kapsamında Yasal Düzenlemeler**

ERDAL M. S., ERDAL M., ARAMAN A. O.

Filiz Kitap evi, 2004

Refereed Congress / Symposium Publications in Proceedings

1. **Preparation and In Vitro Evaluation of Tofacitinib Citrate-Loaded Nanostructured Lipid Carriers for Vitiligo**

Erdal M. S., Gürbüz Yurtsever A., Türk A. B.

21st International Pharmaceutical Technology Symposium IPTS, Ankara, Turkey, 9 - 11 September 2024, pp.181-182

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15. **Dermal Delivery of Fluvastatin Using Nanovesicular Systems**
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22. **Topical Nano-sized Colloidal Carriers of Tacrolimus: Development, Characterization and Skin Uptake Studies**
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30. **Kozmetik Ürünler ve Farmasötik ürünlerden Farklı Yönleri**
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3. Ulusal Sağlık Kuruluşları Çevre Yönetimi Sempozyumu, İstanbul, Turkey, 21 - 22 April 2016, pp.1
31. **Mikroemülsiyonların antiaging bakım ürünlerinde kullanımı**
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Episodes in the Encyclopedia

1. **Encyclopedia of Biomedical Polymers and Polymer Biomaterials**
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Other Publications

1. **TÜRK FARMAKOPESİ 2023 MONOGRAF ÇEVİRİLERİ**
Erdal M. S.
Other, pp.1, 2023
2. **TÜRK FARMAKOPESİ 2017 MONOGRAF ÇEVİRİLERİ**
Erdal M. S.
Other, pp.1, 2018

Academic and Administrative Experience

2016 - Continues	Ethics Committee Member	Istanbul University, Faculty Of Pharmacy , Department of Pharmaceutical Technology
2014 - Continues	Program Accreditation-Self-Assessment Committee Member	Istanbul University, Faculty Of Pharmacy , Department Of Pharmaceutical Technology
2010 - Continues	Fakülte Kurulu Üyesi	Istanbul University, Faculty Of Pharmacy , Department of Pharmaceutical Technology
2018 - 2024	Institute Board Member	Istanbul University, Faculty Of Pharmacy , Department Of Pharmaceutical Technology
2020 - 2021	Ethics Committee Member	Istanbul Aydın University, School Of Medicine

Advising Theses

- Erdal M. S., Antihistaminik bir etkin maddenin topikal emüljel formülasyonlarının hazırlanması ve in vitro karakterizasyonu, Postgraduate, N.AGHAMALILI(Student), 2023
- Erdal M. S., PSORİASİS TEDAVİSİNDE KULLANILMAK ÜZERE TOPİKAL TAŞIYICI SİSTEMLERİN GELİŞTİRİLMESİ VE DEĞERLENDİRİLMESİ, Doctorate, A.Gürbüz(Student), 2022
- Erdal M. S., Kortikosteroid içeren topikal emüljel formülasyonlarının geliştirilmesi ve in vitro değerlendirilmesi, Postgraduate, D.ONAN(Student), 2021
- Erdal M. S., Diflukortolon valerat yüklü topikal mikroemülsiyon formülasyonlarının geliştirilmesi ve in vitro değerlendirilmesi, Postgraduate, E.PINAR(Student), 2021
- Erdal M. S., Etodolak içeren yeni topikal formülasyonların geliştirilmesine in vitro karakterizasyonu çalışmaları, Postgraduate, N.BATIYEVA(Student), 2020
- Erdal M. S., Antienflamatuvar ve kas gevşetici etken madde kombinasyonu içeren topikal emüljel dozaj formu üzerinde araştırmalar, Postgraduate, M.MUHİBBİ(Student), 2019
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- Erdal M. S., Topikal izotretinoin uygulamasına yönelik koloidal ilaç taşıyıcı sistemlerin geliştirilmesi, Postgraduate, A.GÜRBÜZ(Student), 2014

Patent

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- Güngör S., Erdal M. S., Güngördük S., Karaağaç B., TOPİKAL FORMÜLASYONLAR, Patent, CHAPTER A Human Needs, The Invention Registration Number: 2015 13223 , Standard Registration, 2019

Contractual Researches

1. Erdal M. S., Güngör S., KURTSAN İLAÇLARI A.Ş., Antialerjik Etkiye Yardımcı Olabilecek Bitkisel Ekstre (MyricaCerifera, Zingiber Oficinale, Cassia Cinnamon, White Pine Bark gibi) İçerikli Pediatrik Oral Damla Ürününün Geliştirilmesi , 2022 - 2023
2. Erginer Y., Güngör S., Erdal M. S., KURTSAN İLAÇLAR A.Ş., Yağlı, Akneli, Sivilceli Ciltlerin Görünümünün İyileştirilmesi, Bakımı, Temizliği ve Canlandırılması için Nemlendirici Jel, Temizleme Köpüğü ve Tonik Ürünlerinin Formülasyonlarının Geliştirilmesi, 2021 - 2021

Activities in Scientific Journals

- Sabiad , Publication Committee Member, 2024 - Continues
- Sabiad , Assistant Editor/Section Editor, 2018 - 2024

Memberships / Tasks in Scientific Organizations

Kontrollü Salım Sistemleri Derneđi, Member, 2000 - Continues

Türk Farmasötik Teknoloji Arařtırmacıları Derneđi, Member, 2000 - Continues

Scientific Consultations

T.C. Sađlık Bakanlıđı Türkiye İlaç ve Tıbbi Cihaz Kurumu, Scientific Consultancy, Istanbul University, Faculty Of Pharmacy , Department of Pharmaceutical Technology, Turkey, 2022 - Continues

T.C. Sađlık Bakanlıđı Türkiye İlaç ve Tıbbi Cihaz Kurumu, Scientific Consultancy, Istanbul University, Faculty Of Pharmacy , Department of Pharmaceutical Technology, Turkey, 2010 - 2015

Congress and Symposium Activities

KLİNİK ARAŐTIRMA ÇALIŐMALARINDA KARŐILAŐILAN SORUNLARA İÇ VE DIŐ PAYDAŐ BAKIŐI ÇALIŐTAYI, Audience, İstanbul, Turkey, 2024

ETİK KURULLARIN YAPILANMASI İÇİN STANDARDİZASYON GEREKLİLİKLERİ, Attendee, İstanbul, Turkey, 2023

EUFEPS Open Discussion Forum Draft Guideline on Quality and Equivalence of Topical Products, Attendee, Bonn, Germany, 2019

EUFEPS Annual Meeting, Attendee, Frankfurt, Germany, 2019

İSPE-GELECEĐİN STERİL ÜRÜN ÜRETİM TESİSLERİNE HAZIRLIK, Attendee, İstanbul, Turkey, 2018

EUFEPS Annual Meeting-Crossing Barriers for Future Medicines, Attendee, Athens, Greece, 2018

STRATEJİK ÇEVİK LİDERLİK EĐİTİMİ, Attendee, İstanbul, Turkey, 2018

İyi Laboratuvar Uygulamaları (GLP) Eđitimi, Attendee, İstanbul, Turkey, 2018

Klinik Arařtırma ve Veri, Teknoloji, Hız ve Yenilikçiliđin Ötesi, Attendee, Turkey, 2017

7th BBBB International Conference on Pharmaceutical Sciences, Attendee, Budapest, Hungary, 2017

4th Pulmonary Drug Delivery Workshop, Attendee, Turkey, 2017

Aktif öğrenme yöntemleri ve soru hazırlama kursu, Attendee, Turkey, 2017

44th Annual Meeting & Exposition of the Controlled Release Society, Attendee, Massachusetts, United States Of America, 2017

6th Pharmaceutical Sciences World Congress, Attendee, Stockholm, Sweden, 2017

İyi Klinik Uygulamalar ve Temel Klinik Arařtırma Eđitimi, Attendee, İstanbul, Turkey, 2017

Complete Solutions for the Processing and Packaging of Liquid and Solid Pharmaceuticals Seminar, Attendee, Turkey, 2016

4th Conference of Innovation in Drug Delivery, Attendee, Antibes, France, 2016

15th Annual Meeting of the Skin Forum, Attendee, London, United Kingdom, 2016

Etkin maddeler, farmasötikler ve biyofarmasötikler için iyi dağıtım uygulamaları, ISPE Sađlık Bilimleri Derneđi, Attendee, İstanbul, Turkey, 2016

ISPE Türkiye'nin 10. Yılında İlaç Sanayinin Geleceđine Bütünsel Bakıő- ISPE Sađlık Bilimleri Derneđi, Attendee, İstanbul, Turkey, 2015

DRUG INDUCED LIVER INJURY: GENOMIC APPROACHES AND RISK ASSESSMENT, Attendee, İstanbul, Turkey, 2015

1st Gazi Pharma Symposium Series, Attendee, Antalya, Turkey, 2015

Klinik Arařtırmalar Çalıőtayı, Attendee, Turkey, 2015

İlaç Tasarımında Kalite, Son Geliřmeler, ISPE Sađlık Bilimleri Derneđi Eđitim Semineri Türkiye., Attendee, İstanbul, Turkey, 2015

42nd Annual Meeting and Exposition of the Controlled Release Society, Attendee, Edinburgh, United Kingdom, 2015

Istanbul University World Conference on Technology, Innovation and Entrepreneurship, Attendee, İstanbul, Turkey, 2015

İő Sađlıđı ve Güvenliđi Eđitimi, İstanbul Üniversitesi Sürekli Eđitim Uygulama ve Arařtırma Merkezi, Attendee, İstanbul,

Turkey, 2015

İyi Klinik Uygulamalar ve Temel Klinik Araştırma Eğitimi, Attendee, İstanbul, Turkey, 2015

New Technologies and Regulatory Updates in Development and Manufacturing of Biologicals, GE Healthcare, Attendee, İstanbul, Turkey, 2015

The Global Bioequivalence Harmonisation Initiative Conference, Attendee, Amsterdam, Netherlands, 2015

İç Denetim Eğitimi, İstanbul Üniversitesi İlaç Araştırma ve Uygulama Merkezi, Attendee, İstanbul, Turkey, 2015

5. Kozmetik Kimyası, Üretimi ve Standardizasyonu Kongresi, Attendee, Antalya, Turkey, 2015

İç Tetkik Çalıştayı, İstanbul Üniversitesi İletişim Fakültesi Konferans Salonu, Attendee, Turkey, 2015

Eğitim Becerileri Kursu, Modül 1: Eğitimde Etkileşim ve Katılımın Güçlendirilmesi, Attendee, İstanbul, Turkey, 2014

ISPE Sağlık Bilimleri Derneği, Ürün Tasarımında ve Üretim Kontrollerinde Yeni Yaklaşımlar, Attendee, İstanbul, Turkey, 2014

İVEK Uluslararası İlaç ve Eczacılık Kongresi, Attendee, İstanbul, Turkey, 2014

İlaçta Ar-Ge; Kamu, Üniversite, Sanayi İşbirliğinin Önemi, Attendee, İstanbul, Turkey, 2014

İlkyardımcı Sertifikası Güncelleme Eğitimi, İstanbul Üniversitesi Tıp Fakültesi, Attendee, İstanbul, Turkey, 2014

Skin Forum 14th Annual Meeting, Attendee, Prague, Czech Republic, 2014

4th International Meeting on Pharmacy and Pharmaceutical Sciences, Symposium on Biosimilars, Attendee, İstanbul, Turkey, 2014

ISPE Sağlık Bilimleri Derneği Eğitim Semineri: Pulmoner İlaç Salım Sistemleri Çalıştayı, Attendee, İstanbul, Turkey, 2014

2. Ulusal Eczacılık Öğrenci Kongresi, Attendee, İstanbul, Turkey, 2014

9th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Attendee, LİZBON, Portugal, 2014

4. Kozmetik Kimyası, Üretimi ve Standardizasyonu Kongresi, Attendee, ANTALYA, Turkey, 2014

ISBS/SICC 1st Joint International Congress, Attendee, milano, Italy, 2013

Congress of the European Academy of Dermatology and Venereology, Attendee, İstanbul, Turkey, 2013

T. C. Sağlık Bakanlığı Türkiye İlaç ve Tıbbi Cihaz Kurumu, Multidisipliner Kozmetik Yaklaşımlar ve Sektörel Değerlendirme Sempozyumu, Attendee, Ankara, Turkey, 2013

Ulusal Eczacılık Eğitimi Akreditasyon Kurulu Çalıştayı, Attendee, İstanbul, Turkey, 2013

Alman İlaç Sanayi Teknolojileri Türkiye 2013 Sempozyumu, Attendee, İstanbul, Turkey, 2013

ISPE Sağlık Bilimleri Derneği Eğitim Semineri: QbD ve PAT kapsamında hammadde değişkenliği ile depolama ve dağıtım uygulamaları, Attendee, İstanbul, Turkey, 2013

Eczacılık Eğitiminde Yeni Hedef Akreditasyon, Attendee, Ankara, Turkey, 2013

Workshop on EU Legislation on Cosmetic Products, AB Kozmetik Tüzüğü Çalıştayı, Attendee, Ankara, Turkey, 2013

3. Kozmetik Kimyası, Üretimi ve Standardizasyonu Kongresi, Attendee, Antalya, Turkey, 2013

USP Scientific Meeting and User Forum, Attendee, İstanbul, Turkey, 2013

İstanbul Üniversitesi Stratejik Araştırmalar Merkezi AB Proje Sertifika Eğitimi, Attendee, İstanbul, Turkey, 2012

World Congress of the International Society for Biophysics & Imaging of the Skin (ISBS), Attendee, Copenhagen, Denmark, 2012

ISPE Sağlık Bilimleri Derneği Eğitim Semineri: Containment Semineri, Attendee, İstanbul, Turkey, 2012

16. International Pharmaceutical Technology Symposium (IPTS), Attendee, Antalya, Turkey, 2012

The 39th Annual Meeting of Controlled Release Society, Attendee, Quebec City, Canada, 2012

3 International Regulatory Workshop on A to Z on Bioequivalence, Bioanalysis, Dissolution and Biosimilarity, Attendee, Budapeşte, Hungary, 2012

Perspectives on Percutaneous Penetration, Thirteenth International Conference, Attendee, La Grande Motte, France, 2012

DIA 24th Annual EuroMeeting, Attendee, kopenhag, Denmark, 2012

8th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Attendee, İstanbul, Turkey, 2012

Invited Talks

2022 Eczacılık Buluşması-Bilimsel Buluşma, Conference, 1. Bölge İstanbul Eczacı Odası, Turkey, May 2022
Üçüncü Ulusal Sağlık Kuruluşları Çevre Yönetimi Sempozyumu, Conference, İstanbul Üniversitesi, Turkey, April 2016
Altıncı Kozmetik Kimyası, Üretimi ve Standardizasyonu Kongresi, Conference, Altıncı Kozmetik Kimyası, Üretimi ve Standardizasyonu Kongresi, Turkey, February 2016
Beşinci Kozmetik Kimyası, Üretimi ve Standardizasyonu Kongresi, Conference, Beşinci Kozmetik Kimyası, Üretimi ve Standardizasyonu Kongresi, Turkey, February 2015
Üçüncü Kozmetik Kimyası, Üretimi ve Standardizasyonu Kongresi, Conference, Üçüncü Kozmetik Kimyası, Üretimi ve Standardizasyonu Kongresi, Turkey, February 2013

Research Areas

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