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Personal Information

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International Researcher IDs

ORCID: 0000-0003-2838-1688

Publons / Web Of Science ResearcherID: D-2282-2016

ScopusID: 55935723700

Yoksis Researcher ID: 165403

Education Information

Doctorate, Istanbul University, Health Sciences Institute, Eczacılık Fakültesi Bölümü, Turkey 2012 - 2017

Postgraduate, Istanbul University, Health Sciences Institute, Eczacılık Fakültesi Bölümü, Turkey 2010 - 2011

Undergraduate, Istanbul University, Faculty of Pharmacy , Turkey 1998 - 2002

Foreign Languages

French, B1 Intermediate

English, C1 Advanced

Certificates, Courses and Trainings

Personal Evolution, Enneagram - İnsan Tanıma Sanatı, İstanbul Maden ve Metaller İhracatçı Birlikleri, 2022

Personal Evolution, Güven İnşası ve Stres Yönetimi, İstanbul Maden ve Metaller İhracatçı Birlikleri , 2022

Personal Evolution, DİJİTAL LİDERLİK VE TEKNOLOJİK YETKİNLİKLER, İstanbul Maden ve Metaller İhracatçı Birlikleri , 2022

Personal Evolution, Hitabet, İstanbul Maden ve Metaller İhracatçı Birlikleri , 2022

Other, İnsansız Hava Aracı 1 (İHA 1) Ticari Pilotu, İstanbul Üniversitesi Cerrahpaşa, 2021

Education Management and Planning, Eğiticinin Eğitimi, İstanbul Üniversitesi, 2019

Vocational Training, Agilent Technologies 1260 Series-DAD Hardware ve Chemstation B.04.03-SP2 Software, SEM, 2015

Vocational Training, İyi Klinik Uygulamalar ve Temel Klinik Araştırma Eğitimi, İ.Ü. Klinik Araştırmalar Mükemmeliyet Uygulama ve Araştırma Merkezi , 2015

Occupational Health and Safety, İş Hukuku, İSG Kavramı, Fiziksel Etkenler, Ekranlı Araçlarla Çalışma, Elektrik ile Yapılan Çalışmalarda İş Güvenliği, Kişisel Koruyucu Donanımlar, Sağlık ve Güvenlik İşaretleri, Güvenlik Kültürü, Sık Rastlanan İş Kazaları ve Korunma Yöntemleri, Meslek Hastalıkları, Kimyasal Etkenler, Yangın, Patlama, Parlama, Kimyasallardan Korunma, Yangından Korunma, İstanbul Üniversitesi Sürekli Eğitim Uygulama ve Araştırma Merkezi, 2015

Vocational Training, MHRA GMP Veri Bütünlüğü ve Tanımlar Yönetmeliği, Conval Group, 2015

Quality Management, İç Denetim, İstanbul Üniversitesi İlaç Araştırma ve Uygulama Merkezi, 2015

Vocational Training, Klinik araştırmalarda Etik Yaklaşım Kursu, İstanbul Medipol Üniversitesi, 2015

Vocational Training, İyi Laboratuvar Uygulamaları, İstanbul Üniversitesi, 2015

Vocational Training, Temel İyi Klinik Uygulamalar Araştırmacı Eğitimi, Kocaeli Üniversitesi Klinik ve Deneysel Araştırmalar Uygulama ve Araştırma Merkezi, 2015

Vocational Training, Deneysel Hayvanları Kullanım Kursu, İstanbul Üniversitesi, 2013

R&D Management, Mükemmelist Arge ve İnovasyon, İstanbul İl Özel İdaresi, 2013

Project Management, AB Proje Yönetimi, European Certification and Qualification Assosiation, 2012

Vocational Training, Viskoizimetre, Reoloji Konuları ve Cihazları, Yeni Texture ve Toz Akış Cihazları Tanıtımları, SEM Endüstri Cihazları A.Ş., 2010

Vocational Training, Granulation, Tableting and Capsule Technology, CfPA The Center for Professional Advancement, 2009

Vocational Training, DSC Cihazı Giriş, Uygulama ve Software Eğitimi, Likrom Analitik Çözümler Paz. San. ve Tic. Ltd. Şti., 2008

Vocational Training, Formulation and Process Development and Troubleshooting -For Oral Solid Dosage Forms-, Academia Life Sciences Center, 2008

Vocational Training, Ürün Güvenliği (Farmakovijilans), Sanovel, 2008

Vocational Training, Mastersizer 2000 Particle Size Analyzer , Atomika Teknik, 2007

Vocational Training, HR83 Nem Tayin Cihazı, SEM Mettler Toledo, 2007

Vocational Training, RE40D Refractometer ve DE40 Densitymeter Cihazı, SEM Mettler Toledo, 2007

Vocational Training, Agilent 1100/1200 HPLC Cihazı Hardware, SEM Laboratuvar Cihazları Pazarlama San. ve Tic. Ltd. Şti., 2007

Vocational Training, Agilent Technologies 8453 UV/Dissolution Cihazı Kullanım ve Software, SEM , 2007

Personal Evolution, Ekipte Hedefe Odaklanmak, Sinerji Eğitim Danışmanlık, 2007

Vocational Training, Empower Software Genel Kullanıcı Eğitimi, Likrom Analitik çözümler Paz. San. ve Tic. Ltd. Şti., 2007

Vocational Training, Acquity UPLC Genel Kullanıcı Eğitimi, Likrom Analitik Çözümler Paz. San. ve Tic. Ltd. Şti., 2007

Vocational Training, Sterilizatör Validasyonları, I.C.C.E. Istanbul Validation and Training Danışmanlık ve Ticaret Ltd. Şti., 2006

Vocational Training, Steril Üretimi Anlamak, I.C.C.E. Istanbul Validation and Training Danışmanlık ve Ticaret Ltd. Şti., 2006

Quality Management, İyi Laboratuvar Uygulamaları (GLP), International Cleanroom Control Engineering, 2005

Quality Management, Değişiklik Kontrol Yönetimi, International Cleanroom Control Engineering, 2004

Dissertations

Doctorate, Scale-Up'a Uygun Nanoemülsiyon Formülasyonunun QbD ile Tasarımı ve Yapay Sinir Ağları ile Optimizasyonu, Istanbul University, Faculty of Pharmacy , Farmasötik Teknoloji Abd, 2017

Postgraduate, Nöro-Bulanık Mantık Yardımı ile Alfuzosin HCl İçeren Tablet Formülasyonlarının Tasarım Çalışması, Istanbul University, Eczacılık Fakültesi Eczacılık Teknolojisi, Farmasötik Teknoloji, 2011

Research Areas

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

Academic Titles / Tasks

Assistant Professor, Istanbul University, Faculty of Pharmacy , Department of Pharmaceutical Technology, 2021 - Continues

Research Assistant PhD, Istanbul University, Faculty of Pharmacy , Department of Pharmaceutical Technology, 2017 - 2021

Research Assistant, Istanbul University, Faculty of Pharmacy , Department of Pharmaceutical Technology, 2011 - 2017

Courses

Ön Formülasyon, Postgraduate, 2023 - 2024
ECZACILIĞA GİRİŞ KURULU, Undergraduate, 2021 - 2022
BİTİRME PROJESİ I, Undergraduate, 2021 - 2022
İLAÇ MÜHENDİSLİĞİ, Undergraduate, 2021 - 2022
BİTİRME PROJESİ II, Undergraduate, 2021 - 2022
ENDÜSTRİ ECZACILIĞI KURULU V, Undergraduate, 2020 - 2021
INTRODUCTION TO PHARMACY, Undergraduate, 2021 - 2022
Pharmaceutical Technology, Undergraduate, 2019 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Demystifying the potential of lipid-based nanocarriers in targeting brain malignancies**
MESUT B., Al-Mohaya M., Gholap A. D., YEŞİLKAYA E., Das U., Akhtar M. S., Sah R., Khan S., Moin A., Faiyazuddin M.
Naunyn-Schmiedeberg's Archives of Pharmacology, vol.397, no.12, pp.9243-9279, 2024 (SCI-Expanded)
- II. **Systematic Screening Study for the Selection of Proper Stabilizers to Produce Physically Stable Canagliflozin Nanosuspension by Wet Milling Method**
Pirincci Tok Y., MESUT B., GÜNGÖR S., Sarıkaya A. O., Aldeniz E. E., Dude U., Özsoy Y.
Bioengineering, vol.10, no.8, 2023 (SCI-Expanded)
- III. **A Novel Semi-Solid Self-Emulsifying Formulation of Aprepitant for Oral Delivery: An In Vitro Evaluation**
Nazlı H., MESUT B., AKBAL DAĞISTAN Ö., Özsoy Y.
Pharmaceutics, vol.15, no.5, 2023 (SCI-Expanded)
- IV. **Excipients for Orally Disintegrating Tablets: Compaction Data Analysis and Study of Tableting Properties of Lubricated Co-processed Excipients**
Onayo M. M., Özalp Y., Jiwa N., MESUT B., GÜNGÖR S.
Latin American Journal of Pharmacy, vol.42, no.8, pp.1655-1665, 2023 (SCI-Expanded)
- V. **A Solid Ultra Fine Self-Nanoemulsifying Drug Delivery System (S-SNEDDS) of Deferasirox for Improved Solubility: Optimization, Characterization, and In Vitro Cytotoxicity Studies**
Alghananim A., Özalp Y., Mesut B., Serakinci N., Özsoy Y., Güngör S.
PHARMACEUTICALS, vol.13, no.8, 2020 (SCI-Expanded)
- VI. **The effect of the systemic folic acid intake as an adjunct to scaling and root planing on clinical parameters and homocysteine and C-reactive protein levels in gingival crevicular fluid of periodontitis patients: A randomized placebo-controlled clinical trial**
Keçeli H. G., Ercan N., Karsiyaka Hendek M., Kisa U., Mesut B., Olgun E.
Journal of Clinical Periodontology, vol.47, pp.602-613, 2020 (SCI-Expanded)
- VII. **Product transfer from lab-scale to pilot-scale of quetiapine fumarate orodispersible films using quality by design approach**
Bulbul E. O., Mesut B., Cevher E., Oztas E., Ozsoy Y.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.54, 2019 (SCI-Expanded)
- VIII. **Developing Alfuzosin Tablet Formulation Based on Quality by Design (QbD) Approach by Using Artificial Neural Network**
Aksu N. B., Mesut B., Erginer Y.
LATIN AMERICAN JOURNAL OF PHARMACY, vol.38, pp.668-676, 2019 (SCI-Expanded)
- IX. **Design of Sustained Release Tablet Formulations of Alfuzosin HCl by means of Neuro-Fuzzy Logic**
Mesut B., Aksu N. B., Ozsoy Y.
LATIN AMERICAN JOURNAL OF PHARMACY, vol.32, pp.1288-1297, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **In silico approaches which are used in pharmacy**
Al-Mohaya M., MESUT B., Kurt A., ÇELİK Y. S.
Journal of Applied Pharmaceutical Science, vol.14, no.4, pp.225-239, 2024 (Scopus)
- II. **An Overview of Wearable Medical Device Applications**
ÇELİK Y. S., İlçe E., MESUT B., Özsoy Y.
Journal of Research in Pharmacy, vol.28, no.3, pp.722-732, 2024 (ESCI)
- III. **Artificial intelligence evaluation of release properties of tablet formulation containing flurbiprofen**
Mesut B., Çelik Y. S.
Journal of Advanced Research in Health Sciences, vol.6, no.3, pp.332-336, 2023 (Peer-Reviewed Journal)
- IV. **Nasal in situ gels as a drug delivery system: An overview of literature and clinical studies**
ÇELİK Y. S., Örenli B., Al-Mohaya M., MESUT B., Özsoy Y.
Journal of Research in Pharmacy, vol.27, no.5, pp.1875-1888, 2023 (ESCI)
- V. **Estimating the Optimal Dexketoprofen Pharmaceutical Formulation with Machine Learning Methods and Statistical Approaches**
Baskor A., Tok Y. P., Mesut B., Ozsoy Y., Ucar T.
HEALTHCARE INFORMATICS RESEARCH, vol.27, no.4, pp.279-286, 2021 (ESCI)
- VI. **Examining the basic principles of quality by design (QbD) approach in analytical studies**
MESUT B., Onal C., Aksu B., ERGİNER Y.
ISTANBUL JOURNAL OF PHARMACY, vol.51, no.2, pp.271-276, 2021 (ESCI)
- VII. **A Review On Current Perspective Of Gastroretentive Drug Delivery Systems Prioritising Floating Dosage Forms**
Başarı N. S., Mesut B., Erginer Y.
Sağlık Bilimlerinde İleri Araştırmalar Dergisi, vol.4, no.2, pp.43-64, 2021 (Peer-Reviewed Journal)
- VIII. **Çözünürlüğü Düşük Olan Etken Maddeler İçin Farmasötik Yaklaşımlar ve Aprepitantin Çözünürlüğü**
Erginer Y., Nazlı H., Mesut B.
FABAD J. Pharm. Sci., vol.46, no.3, pp.325-344, 2021 (Peer-Reviewed Journal)
- IX. **Preparation and in vitro studies of fixed-dose tablet combination of repaglinide and metformin**
Sahin S., MESUT B., Durgun M. E., Ozcelik E., ERGİNER Y.
ISTANBUL JOURNAL OF PHARMACY, vol.51, no.1, pp.26-34, 2021 (ESCI)
- X. **Formulation development and evaluation of taste-masked atomoxetine hydrochloride orally disintegrating tablets (Odt's)**
Kazaz Ç., Mesut B., Özsoy Y., Ocak E. M.
Journal of Research in Pharmacy, vol.25, no.5, pp.715-727, 2021 (ESCI)
- XI. **Stability indicating method development and validation of ranolazine extended release tablets**
Durak E. A., Kurtgöz İ., MESUT B., CEVHER E., Özsoy Y.
Acta Pharmaceutica Scientia, vol.59, no.3, pp.419-434, 2021 (Scopus)
- XII. **Formulation design and taste assessment in orally disintegrating tablets Ağızda dağılan tabletlerde formülasyon tasarımı ve tat değerlendirilmesi**
KAZAZ Ç., Ocak M., MESUT B., Özsoy Y.
Fabad Journal of Pharmaceutical Sciences, vol.44, no.2, pp.169-178, 2019 (Scopus)
- XIII. **Quetiapine Fumarate Extended-release Tablet Formulation Design Using Artificial Neural Networks**
Ozcelik E., Mesut B., Aksu B., Ozsoy Y.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.14, no.3, pp.213-221, 2017 (ESCI)
- XIV. **BUDESONIDE SELF-NANOEMULSION FORMULATION AS AN ORAL DRUG DELIVERY SYSTEM: PREPARATION, CHARACTERIZATION AND CYTOTOXICITY STUDIES**
Mesut B., Tekarslan Şahin Ş. H., Erginer Y.
PressAcademia Procedia, vol.5, no.1, pp.41-46, 2017 (Peer-Reviewed Journal)
- XV. **Formulation design of the oral disintegrating tablets including alfuzosin hydrochloride with risk evaluation via quality by design**

Güncan G., Yeğen G., Mesut B., Aksu B., Özsoy Y.

Acta Pharmaceutica Scientia, vol.55, pp.57-76, 2017 (Scopus)

XVI. Applications of cell culture studies in pharmaceutical technology

Tekarslan Şahin Ş. H., MESUT B., Özsoy Y.

Acta Pharmaceutica Scientia, vol.55, no.3, pp.63-79, 2017 (Scopus)

XVII. In vitro skin permeation of escin in the new gel formulation of Aesculus hippocastanum (Horse Chestnut)

Ozkan E., Mesut B., Polat A., Tan N.

ISTANBUL JOURNAL OF PHARMACY, vol.46, no.2, pp.79-88, 2016 (ESCI)

XVIII. Ksantan Zamkının Uzatılmış Salımlı Tabletlerde Kullanımı

Özçelik E., MESUT B., ERGİNER Y.

Türkiye Klinikleri Eczacılık Bilimleri Dergisi, vol.4, no.2, pp.79-88, 2015 (Peer-Reviewed Journal)

XIX. The Place of Drug Product Critical Quality Parameters in Quality by Design

Mesut B., Aksu B., Erginer Y.

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.12, pp.75-92, 2015 (Scopus)

XX. Quality by design (QbD) for pharmaceutical area

Aksu B., Mesut B.

ISTANBUL JOURNAL OF PHARMACY, vol.45, no.2, pp.233-251, 2015 (ESCI)

Books & Book Chapters

I. Quality By Design Approach for Novel Drug Delivery Systems

Al-Mohaya M., MESUT B.

in: Introduction to Quality by Design (QbD) From Theory to Practice, , Editor, Springer Nature Singapore, pp.243-261, 2024

II. Role of artificial intelligence in quality profiling and optimization of drug products

MESUT B., BAŞKOR A., AKSU N. B.

in: A Handbook of Artificial Intelligence in Drug Delivery, Anil Philip, Aliasgar Shahiwala, Mamoon Rashid, Md Faiyazuddin, Editor, Elsevier Academic Press, pp.35-54, 2023

III. Lipid Based Formulations

Al-Mohaya M., Mesut B.

in: SAĞLIKTA GÜNCEL GELİŞMELER İŞİĞİNDE TEMEL ve KLİNİK YAKLAŞIMLAR-II, Özge Gülmez, Buruç Erkan, Emir Kaan İzci, Editor, Ekin Yayınevi, Bursa, pp.133-162, 2022

Refereed Congress / Symposium Publications in Proceedings

I. SYSTEMATIC AND SEMIPREDICTIVE SCREENING STUDY OF STABILIZER AGENTS FOR FABRICATION OF PHYSICALLY STABLE DRUG NANOSUSPENSION

Pirincci Tok Y., Mesut B., Erginer Y.

4. INTERNATIONAL MARMARA SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, İstanbul, Turkey, 11 - 12 March 2023, pp.37-38

II. In vitro characterization of micelles based drug delivery systems for ocular fungal infections

Durgun M. E., Mesut B., Güngör S., Erginer Y.

CRS Virtual Annual Meeting 2021, 25 - 29 July 2021

III. Development of the Micellar Based Ocular In Situ Gelling Systems of Posaconazole with Quality by Design (QbD) Approach

Durgun M. E., Mesut B., Güngör S., Erginer Y.

13th International Symposium on Pharmaceutical Sciences (ISOPS), 22 - 25 June 2021, pp.41-42

IV. Machine Learning Models and Statistical Dextetoprofen Pharmaceutical Dosage of Approaches

Application In The Form

Başkor A., Pirinçci Tok Y., Mesut B., Erginer Y., Uçar T.

4th International Conference on Data Science and Applications (ICONDATA'21), Muğla, Turkey, 4 - 06 June 2021, pp.14

- V. **Optimization Studies of Alfuzosin Tablet Formulation Using Machine Learning Models**
Başkor A., Mesut B., Aksu N. B., Erginer Y.
4th International Conference on Data Science and Applications (ICONDATA'21), Muğla, Turkey, 4 - 05 June 2021, pp.32
- VI. **BCS Sınıf II Olanzapin'in Çözünürlüğünün Kendiliğinden Nanoemülsifiye Olabilen Sistemlerle Arttırılması**
Abdulayeva R., Mesut B., Ocak E. M.
International Battalgazi Scientific Studies Congress-V, Malatya, Turkey, 18 - 20 December 2020, pp.1
- VII. **Development of a Solid Self-Emulsifying Drug Delivery System of a Weakly Basic BCS Class II Drug**
Husuzade G., Mesut B., Güngör S.
The 1st International Electronic Conference on Pharmaceutics , 1 - 15 December 2020, pp.1
- VIII. **Design, Preparation and Evaluation of Taste-Masked Dexketoprofen of Orally Disintegrating Tablet By Using QbD Approach**
Pirinçci Tok Y., Mesut B., Erginer Y.
The 1st International Electronic Conference on Pharmaceutics, Basel, Switzerland, 1 - 03 December 2020, pp.1
- IX. **Risk Assesment of Taste Masked Orally Disintegrating Tablets of Dexketoprofen**
Pirinçci Tok Y., Mesut B., Erginer Y., Yetilmezsoy K.
7th International BAU Drug Design Congress, İstanbul, Turkey, 19 - 21 December 2019, pp.164
- X. **Designing an Orally Disintegrated Film Formulation Containing Ondansetron In Quality By Design Perspective**
Demirkol F., Mesut B., Kalayı M., Aksu B.
7th International BAU Drug Design Congress , İstanbul, Turkey, 19 - 21 December 2019, pp.208
- XI. **Self Nanoemulsifying Drug Delivery System Formulation Design of Aprepitant**
Nazlı H., Mesut B., Erginer Y.
8th BBBB International Conference on Pharmaceutical Sciences, İzmir, Turkey, 14 - 16 October 2019, pp.138-139
- XII. **Development of Melatonin-Containing Orally Disintegrated Tablets Using Artificial Intelligensys Methodology**
Mesut B., Alkan B., Pirinçci Tok Y., Erginer Y., Yetilmezsoy K.
8th BBBB International Conference on Pharmaceutical Science, İzmir, Turkey, 14 - 16 October 2019, pp.72-73
- XIII. **Development of Aripiprazole Orally Disintegrating Film Formulation By Using Quality by Design Approach**
Mesut B., Kalayı M., Aksu B., Erginer Y.
8th BBBB International Conference on Pharmaceutical Sciences, İzmir, Turkey, 14 - 16 October 2019, pp.312-313
- XIV. **Preformulation Studies of Self Nanoemulsifying Drug Delivery System (SNEDDS) Formulation of Deferasirox**
Alghananim A., Özalp Y., Mesut B., Güngör S., Erginer Y.
8th BBBB International Conference on Pharmaceutical Sciences , İzmir, Turkey, 14 - 16 October 2019, pp.285-286
- XV. **Developing Ondansetron Orally Disintegrated Film Formulation Under Risk Assesment Perspective**
Demirkol F., Mesut B., Kalayı M., Aksu B.
FIP World Congress, Abu Dhabi, United Arab Emirates, 22 - 26 September 2019, pp.1
- XVI. **Benefits of Computer-Based In Quality Design**
Aksu B., Yeğen G., Mesut B.
International Conference On Data Science, Machine Learning and Statistics, Van, Turkey, 26 - 29 June 2019, pp.31
- XVII. **The Application of Artificial Neural Networks for the Development of Topical Flurbiprofen Microemulsion**
Mesut B., Gürbüz A., Erdal M. S., Aksu B., Erginer Y., Güngör S.
12th Central European Symposium on Pharmaceutical Technology and Regulatory Affairs, Szeged, Hungary, 20 -

22 September 2018, pp.107-108

- XVIII. Development and Optimization of Orodispesible Films Containing Quetiapine Fumarate**
Özcan E., MESUT B., ERGİNER Y.
International Pharmaceutical Technology Symposium, Antalya, Turkey, 17 - 19 September 2018, pp.13
- XIX. Self Nanoemulsifying Drug Delivery System (SNEDDS) Formulation Design of Aprepitant**
Nazlı H., MESUT B., tekarslan h., ERGİNER Y.
International Pharmaceutical Technology Symposium, Antalya, Turkey, 17 - 19 September 2018, pp.12
- XX. QBD-Based Development and Characterisation of Microemulsion Formulations for Improved Skin Delivery of Flurbiprofen**
GÜRBÜZ A., MESUT B., ERDAL M. S., Aksu B., ERGİNER Y., GÜNGÖR S.
2nd International Gazi Pharma Symposium Series, Ankara, Turkey, 11 - 13 October 2017, pp.36
- XXI. Evaluation of cytotoxicity of of budesonide-loaded Snedds on human colon cancer cell lines**
MESUT B., TEKARSLAN ŞAHİN Ş. H., ERGİNER Y.
2nd International Gazi Pharma Symposium Series, İstanbul, Turkey, 11 - 13 October 2017, pp.96
- XXII. Design of Extended Release Tablet Formulation Using Artificial Neural Network**
Özçelik E., Mesut B., Aksu B., Erginer Y.
CRS Annual Meeting & Exposition, Massachusetts, United States Of America, 16 - 19 July 2017, pp.1
- XXIII. Budesonide Self-microemulsion Formulation as a oral Drug Delivery System**
Mesut B., Erginer Y.
6th Pharmaceutical Sciences World Congress 2017, Stockholm, Sweden, 21 - 24 May 2017, pp.1
- XXIV. Budesonide self-nanoemulsion formulation as an oral drug delivery system: Preparation, characterization and cytotoxicity studies**
Mesut B., Tekarslan Şahin Ş. H., Erginer Y.
2nd World Conference on Technology, Innovation and Entrepreneurship, İstanbul, Turkey, 12 - 14 May 2017, pp.54
- XXV. Artificial Neural Networks in Pharmaceutical Technology**
MESUT B., TEKARSLAN ŞAHİN Ş. H., ERGİNER Y.
2nd World Conference on Technology, Innovation and Entrepreneurship, İstanbul, Turkey, 12 - 14 May 2017
- XXVI. Implementing of Quality By Design Approach Using Different Computerized Systems**
Mesut B., Aksu B., Erginer Y.
2nd European Conference on Pharmaceutics, Krakow, Poland, 3 - 04 April 2017, pp.1
- XXVII. The Importance of the Self Nano/Microemulsifying Drug Delivery Systems (SN/MEDDs) for Oral Drug Delivery**
MESUT B., TEKARSLAN ŞAHİN Ş. H., ERGİNER Y.
4th BAU DRUG DESIGN Congress, İstanbul, Turkey, 13 - 15 October 2016
- XXVIII. Optimization of Flurbiprofen microemulsions Using Artificial neural networks**
MESUT B., GÜRBÜZ A., Aksu B., ERDAL M. S., GÜNGÖR S.
4th Congress on Innovation in Drug Delivery Site-Specific Drug Delivery, Antibes-Juan Les Pins, France, 25 - 28 September 2016, pp.74
- XXIX. Design and Optimization of Self-Nanoemulsifying Drug Delivery systems (SNEDDs) Containing Budesonide**
MESUT B., ERGİNER Y.
International Pharmaceutical Technology Symposium, Antalya, Turkey, 18 - 21 September 2016, pp.172-174
- XXX. Colloidal Nanocarriers of Flurbiprofen: Physicochemical Characterization and In Vitro Skin Permeation Studies**
GÜRBÜZ A., MESUT B., ERDAL M. S., GÜNGÖR S.
International Pharmaceutical Technology Symposium, Antalya, Turkey, 18 - 21 September 2016, pp.194-196
- XXXI. SNEDDs Formulation of Budesonide to Improve its Solubility: Optimization and in vitro release studies**
Erginer Y., Mesut B.
Drug Formulation & Bioavailability Congress, Beijing, China, 5 - 07 September 2017, pp.51

- XXXII. **Quetiapine Fumarate Sustained Release Tablet Formulation Design By Using Inform V.4 ANN Program**
Özçelik E., Mesut B., Aksu B., Erginer Y.
11th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 9 - 12 June 2015, pp.129
- XXXIII. **VEHICLE COMPOSITION EFFECTS ON IN VITRO TRANSSCLERAL IONTOPHORETIC TRANSPORT OF MOXIFLOXACIN**
MESUT B., ERGİNER Y., GÜNGÖR S.
17th International Pharmaceutical Technology Symposium, Antalya, Turkey, 8 - 10 September 2014, pp.294-296
- XXXIV. **Optimization Studies of Quetiapine Fumarate Modified Release Tablets By Using Artificial Neural Network Programs**
Özçelik E., Mesut B., Aksu B., Erginer Y.
9th World Meeting on Pharmaceutics, Biopharmaceutics, and Pharmaceutical Technology, Lisbon, Portugal, 31 March - 03 April 2014, pp.1-2
- XXXV. **Quetiapine Fumarate Modified Release Tablet Formulations Optimization Based on Genetic Algorithm Program**
Özçelik E., Mesut B., Aksu B., Erginer Y.
International Multidisciplinary Symposium on Drug Research & Development, Antalya, Turkey, 28 - 30 November 2013, pp.1
- XXXVI. **Quetiapine fumarate sustained release tablet formulations design by using artificial neural network**
Özçelik E., Mesut B., Aksu B., Erginer Y.
EuPat 6 European QbD&PAT Conference , Porto, Portugal, 23 - 24 September 2013, pp.40-41
- XXXVII. **Optimization of Alfuzosin Tablet Formulations By Using Genetic Algorithm Program**
Mesut B., Aksu B., Erginer Y.
EuPat 5 European QbD&PAT Conference, Ghent, Belgium, 9 - 10 May 2012, pp.33
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Kontrollü Salm Sistemleri Derneği (CRS), Member, 2011 - Continues

ISPE, Member, 2013 - 2017

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Non Academic Experience

Business Establishment Private, Pharmavision İlaç
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