

## Asst. Prof. DUYGU YILMAZ USTA



### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: A-5496-2018

ScopusID: 57193733907

Yoksis Researcher ID: 215017

### Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (Dr), Turkey  
2014 - 2022

Undergraduate, Gazi University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 2009 - 2014

Undergraduate, Hacettepe University, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi  
Bölümü, Turkey 2007 - 2009

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Other, Devlet Malı Koruma ve Tasarruf Tedbirleri, Vergi Denetim Kurulu Başkanlığı, 2024

Environment and Sustainability, Günlük Hayatta ve Kamu Binalarında Enerji Verimliliği, Enerji ve Tabii Kaynaklar  
Bakanlığı, 2024

Environment and Sustainability, Günlük Hayatta Su Verimliliği, Tarım ve Orman Bakanlığı, 2024

Environment and Sustainability, Çevre ve Sıfır Atık Eğitimi, Çevre, Şehircilik ve İklim Değişikliği Bakanlığı, 2024

Occupational Health and Safety, İş Sağlığı ve Güvenliği Az Tehlikeli Sınıf Temel Eğitimi, Gazi University, 2024

Human Rights, İnsan Hakları ve Kamu Denetçiliği Kurumu Bağlamında İyi Yönetim Uygulamaları, Kamu Denetçiliği  
Kurumu Başkanlığı, 2021

Human Rights, İnsan Hakları Çerçevesinde Etik, Kamu Görevlileri Etik Kurulu, 2021

Human Rights, İnsan Hakları, Türkiye İnsan Hakları ve Eşitlik Kurumu Başkanlığı, 2021

Human Rights, İnsan Hakları Temelinde İş Yerinde Cinsiyet Eşitliği, Çalışma ve Sosyal Güvenlik Eğitim ve Araştırma  
Merkezi, 2021

Other, Eğiticilerin Eğitimi, Gazi University, 2017

Health&Medicine, XVIII. Deney Hayvanları Uygulama ve Etik Kursu, Deney Hayvanları Uygulama ve Etik Teorik ve Pratik  
Eğitimi, Gazi University, 2015

## Dissertations

Doctorate, Development of Solid Self-Emulsified Drug Delivery Systems and In Vitro-In Vivo Evaluations, Gazi University, Sağlık Bilimleri Enstitüsü, 2022

## Research Areas

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

## Academic Titles / Tasks

Assistant Professor, Gazi University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2024 - Continues

Research Assistant PhD, Gazi University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2022 - 2024

Research Assistant, Gazi University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2014 - 2022

## Academic and Administrative Experience

Strategy Development Board Member, Gazi University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2024 - Continues

Member of Unit Quality Commission, Gazi University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2024 - Continues

Birim Stratejik Plan Komisyonu Üyesi, Gazi University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2024 - Continues

Ölçme Değerlendirme Kurulu Üyesi, Gazi University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2024 - Continues

Bölüm Kalite Komisyonu Üyesi, Gazi University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2017 - 2019

## Courses

### Postgraduate

Yüksek Lisans Tezine Hazırlık, Postgraduate, 2024 - 2025

Eczacılık Teknolojisinde Temel İşlemler, Postgraduate, 2024 - 2025

### Undergraduate

Farmasötik Teknoloji II Uygulama, Undergraduate, 2024 - 2025

Majistral İlaç Hazırlanmasının Temel Esasları, Undergraduate, 2024 - 2025

Farmasötik Teknoloji I, Undergraduate, 2024 - 2025

Biyofarmasötik ve Farmakokinetik, Undergraduate, 2023 - 2024

Staj Dersi, Undergraduate, 2023 - 2024

Mezuniyet Projesi I Uygulama, Undergraduate, 2021 - 2022

Mezuniyet Projesi I, Undergraduate, 2021 - 2022

## Published journal articles indexed by SCI, SSCI, and AHCI

- Evaluation of Emulgel and Nanostructured Lipid Carrier-Based Gel Formulations for Transdermal Administration of Ibuprofen: Characterization, Mechanical Properties, and Ex-Vivo Skin Permeation**  
Yılmaz Usta D., Teksin Z. Ş., Tuğcu Demiröz F. N.  
AAPS PHARMSCITECH, vol.25, pp.1-15, 2024 (SCI-Expanded)
- Evaluation of Different Methods for Dissolution Profile Similarity Comparison of Montelukast Tablets in Türkiye**  
ÇOBAN Ö., YILMAZ USTA D., Pinar S. G.

Dissolution Technologies, vol.31, no.1, pp.40-49, 2024 (SCI-Expanded)

- III. **Development and pharmacokinetic evaluation of Neusilin® US2-based S-SNEDDS tablets for bosentan: Fasted and fed states bioavailability, IVIS® real-time biodistribution, and ex-vivo imaging**  
Yılmaz Usta D., Olgac S., Timur B., Teksin Z. Ş.  
International Journal of Pharmaceutics, vol.643, 2023 (SCI-Expanded)
- IV. **Investigation of the effect of colloidal structures formed during lipolysis of lipid-based formulation on exemestane permeability using the in vitro lipolysis-permeation model**  
Timur B., Yılmaz Usta D., Teksin Z. S.  
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.77, 2022 (SCI-Expanded)
- V. **Formulation development, optimization by Box-Behnken design, characterization, in vitro, ex-vivo, and in vivo evaluation of bosentan-loaded self-nanoemulsifying drug delivery system: A novel alternative dosage form for pulmonary arterial hypertension treatment**  
Usta D., Timur B., TEKSİN Z. Ş.  
European Journal of Pharmaceutical Sciences, vol.174, 2022 (SCI-Expanded)
- VI. **Modeling of In Vitro Dissolution Profiles of Carvedilol Immediate-Release Tablets in Different Dissolution Media**  
Yılmaz Usta D., İnceçayır T.  
AAPS PHARMSCITECH, vol.23, no.6, 2022 (SCI-Expanded)
- VII. **Comparison of tablet splitting techniques for dosing accuracy of nebivolol tablets: Hand splitting versus tablet cutter and knife**  
Olgac S., Usta D. Y., İNCEÇAYIR T.  
SAUDI PHARMACEUTICAL JOURNAL, vol.29, no.12, pp.1486-1491, 2021 (SCI-Expanded)
- VIII. **Role of Surfactants on Dissolution Behavior of Tamoxifen**  
İNCEÇAYIR T., Olgac S., Usta D. Y., TEKSİN Z. Ş.  
DISSOLUTION TECHNOLOGIES, vol.28, no.2, 2021 (SCI-Expanded)
- IX. **New perspective to develop memantine orally disintegrating tablet formulations: SeDeM expert system**  
Gulbag S., YILMAZ USTA D., Gultekin H. E., Oktay A. N., Demirtas O., Karakucuk A., Celebi N.  
PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, vol.23, no.5, pp.512-519, 2018 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Optimization and validation of HPLC methods for in vitro and ex vivo analyses of bosentan monohydrate in FDA-recommended and biorelevant media**  
Yılmaz Usta D., Olğaç S., Teksin Z. Ş.  
Istanbul Journal of Pharmacy, vol.54, no.3, pp.466-475, 2024 (ESCI)
- II. **Lipid Based Delivery Systems-I: Overview of Self-Emulsifying Drug Delivery System Formulations: Traditional Review**  
Yılmaz Usta D., Teksin Z. Ş.  
Literatür Eczacılık Bilimleri Dergisi, vol.13, no.3, pp.165-176, 2024 (Peer-Reviewed Journal)
- III. **Biopharmaceutics, Pharmacokinetics and Patent Evaluations of Drugs Used in the Treatment of COVID-19: Current Status in the Development of Generic Drugs in Turkey**  
YILMAZ USTA D., TEKSİN Z. Ş.  
GAZI MEDICAL JOURNAL, vol.31, pp.498-509, 2020 (ESCI)
- IV. **Evaluation of in vitro Dissolution Characteristics of Flurbiprofen, a BCS Class IIa Drug**  
YILMAZ USTA D., demirtaş ö., ökçelik c., uslu a., TEKSİN Z. Ş.  
FABAD J. Pharm. Sci, vol.43, no.2, pp.27-34, 2018 (Peer-Reviewed Journal)
- V. **İn Vitro Çözünme Hızı Çalışmalarında Yeni Yaklaşımlar**  
YILMAZ USTA D., TEKSİN Z. Ş.  
FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, vol.40, no.1, pp.33-40, 2017 (Scopus)

## Books

### I. **Farmasötik Teknoloji Laboratuvar Kitabı**

Acartürk F., İlbasmış Tamer S., İnceçayır T., Mutlu Ağardan N. B., Takka S., Teksin Z. Ş., Tırnaksız F. F., Tort S., Tuğcu Demiröz F. N., Aydoğduoğlu Ş., et al.  
Gazi Üniversitesi Yayınları, Ankara, 2023

### II. **Liposomes in photodynamic therapy**

Çoban Ö., Yılmaz Usta D., Gülbağ Pınar S.  
in: Nanomaterials for Photodynamic Therapy, Prashant Kesharwani, Editor, Woodhead Publishing - Elsevier, Cambridge, pp.141-176, 2023

## Papers Published in Refereed Scientific Meetings

### I. **Preparation of Finasteride Loaded Self-nanoemulsifying Drug Delivery Systems Using Box Behnken Design**

BEBEK G., Negiz H., TURAN AYHAN E., YILMAZ USTA D., İLBASMIŞ TAMER S.  
JOINT EUFEPS - ÖPhG Meeting 2025, Viyana, Austria, 19 - 21 February 2025

### II. **In vitro performance of Exemestan-loaded SNEDDS formulations: Dissolution in biorelevant media and antiproliferative activity on MCF-7 cell line**

TİMUR B., VARAN G., OLĞAÇ S., YILMAZ USTA D., TEKSİN Z. Ş.  
JOINT EUFEPS - ÖPhG Meeting 2025, Viyana, Austria, 19 - 21 February 2025

### III. **Evaluation of EXE-loaded SNEDDS using simultaneous lipolysis/ex-vivo permeability and lipolysis/in situ single-pass intestinal perfusion method**

Timur B., Olğaç S., Yılmaz Usta D., Demirel M. A., Teksin Z. Ş.  
21st International Pharmaceutical Technology Symposium, Ankara, Turkey, 9 - 11 September 2024

### IV. **Development and Characterization of Finasteride-loaded SNEDDS Formulations for Alopecia Treatment**

Bebek G., Negiz H., Turan E., Yılmaz Usta D., İlbasmış Tamer S.  
21st International Pharmaceutical Technology Symposium, Ankara, Turkey, 9 - 11 September 2024

### V. **Histology and pharmacodynamic echocardiography studies of bosentan-loaded SNEDDS and S-SNEDDS: New oral drug delivery systems for pulmonary arterial hypertension**

Yılmaz Usta D., Olğaç S., Demirel M. A., Kula S., Kavgacı A., Sezginer P., Elmas Ç., Teksin Z. Ş.  
EUFEPS Annual Meeting 2023, Lizbon, Portugal, 31 May - 02 June 2023, pp.165

### VI. **Evaluation of pharmacokinetic and pharmacodynamic real-time biodistribution of bosentan formulations**

Yılmaz Usta D., Teksin Z. Ş.  
FIGON DMD & EUFEPS Annual Meeting 2022, Leiden, Netherlands, 1 - 03 June 2022, pp.47

### VII. **Assessment of in vitro digestion for exemestane-loaded lipid-based formulations**

Timur B., Yılmaz Usta D., Teksin Z. Ş.  
FIGON DMD & EUFEPS Annual Meeting 2022, Leiden, Netherlands, 1 - 03 June 2022, pp.45-46

### VIII. **DEVELOPMENT OF IN VITRO LIPOLYSIS-PERMEATION METHOD TO ESTIMATE ORAL ABSORPTION OF EXEMESTANE-LOADED LIPID-BASED FORMULATION**

Timur B., Yılmaz Usta D., Teksin Z. Ş.  
3rd International Gazi Pharma Symposium Series (GPSS-2021), Ankara, Turkey, 8 - 10 September 2021, pp.30

### IX. **DEVELOPMENT AND VALIDATED OF UV SPECTROPHOTOMETRIC AND HPLC METHOD OF BOSENTAN MONOHYDRATE FOR IN VITRO AND EX-VIVO SAMPLES**

Yılmaz Usta D., Olğaç S., Teksin Z. Ş.  
3rd International Gazi Pharma Symposium Series (GPSS-2021), Ankara, Turkey, 8 - 10 September 2021, pp.33

### X. **Comparison of Tablet Splitting Techniques for Dosing Accuracy of Nebivolol Tablets: Hand Splitting Versus Tablet Cutter And Knife**

- Olgac S., Yılmaz Usta D., İnceçayır T.  
3rd International Gazi Pharma Symposium Series (GPSS-2021), Ankara, Turkey, 8 - 10 September 2021, pp.32
- XI. **SOLID-STATE CHARACTERIZATION STUDIES OF BOSENTAN-LOADED SOLID SELF-NANOEMULSIFYING DRUG DELIVERY SYSTEM (S-SNEDDS) COMPRISING OF NEUSILIN® US2**  
Yılmaz Usta D., Olgac S., Teksin Z. Ş.  
3rd International Gazi Pharma Symposium Series (GPSS-2021), Ankara, Turkey, 8 - 10 September 2021, pp.36
- XII. **IN VITRO CHARACTERIZATION OF EXEMESTANE-LOADED SELF-NANOEMULSIFYING DRUG DELIVERY SYSTEM CONTAINING MEDIUM CHAIN MONO AND DIGLYCERIDES**  
Timur B., Yılmaz Usta D., Teksin Z. Ş.  
3rd International Gazi Pharma Symposium Series (GPSS-2021), Ankara, Turkey, 8 - 10 September 2021, pp.37
- XIII. **MODELING AND COMPARISON OF IN VITRO DISSOLUTION PROFILES OF BOSENTAN MONOHYDRATE: COMMERCIAL TABLET VS S-SNEDDS TABLET**  
Yılmaz Usta D., Teksin Z. Ş.  
3rd International Gazi Pharma Symposium Series (GPSS-2021), Ankara, Turkey, 8 - 10 September 2021, pp.35
- XIV. **Assessment The Correlation Between In Vitro Dissolution and In Vitro Intestinal Lipolysis Data for Bosentan Loaded Lipid-Based Formulations**  
TİMUR B., YILMAZ USTA D., TEKSİN Z. Ş.  
Controlled Release Society (CRS) 2021 Virtual Annual Meeting, 25 - 29 July 2021
- XV. **Evaluation of Ex-vivo Permeability and In Vitro Dissolution of BOS-loaded S-SNEDDS Tablets**  
YILMAZ USTA D., TEKSİN Z. Ş.  
Controlled Release Society (CRS) 2021 Virtual Annual Meeting, 25 - 29 July 2021
- XVI. **Evaluation of Bosentan-Loaded Self-nanoemulsifying Drug Delivery Systems Containing Peceol**  
YILMAZ USTA D., TEKSİN Z. Ş.  
Controlled Release Society (CRS) 2021 Virtual Annual Meeting, 25 - 29 July 2021
- XVII. **Validated HPLC Method for the Determination of Tenofovir and its Application for In-Vitro and Ex-Vivo Investigations of Tenofovir Loaded Double Nanoemulsion**  
Olğaç S., Yılmaz Usta D., Erman N. A., İnceçayır T., Teksin Z. Ş.  
13th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 22 - 25 June 2021
- XVIII. **Modeling and comparison of in vitro dissolution profiles of naproxen sodium tablets in biorelevant media**  
OLĞAÇ S., YILMAZ USTA D., DEMİRDAŞ B., ERMAN N. A., TEKSİN Z. Ş.  
13th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 22 - 25 June 2021
- XIX. **Comparison of biorelevant dissolution of medium chain mono and diglycerides based bosentan-loaded self-nanoemulsifying formulations**  
YILMAZ USTA D., TEKSİN Z. Ş.  
13th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 22 - 25 June 2021
- XX. **DEVELOPMENT AND OPTIMIZATION OF SELF-NANOEMULSIFYING DRUG DELIVERY SYSTEM OF BOSENTAN USING BOX BEHNKEN DESIGN**  
Yılmaz Usta D., Teksin Z. Ş.  
13th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 22 - 25 June 2021
- XXI. **Evaluation of in vitro-in vivo relationship: Bosentan-loaded lipid based formulation versus commercial product**  
TİMUR B., YILMAZ USTA D., TEKSİN Z. Ş.  
13th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 22 - 25 June 2021
- XXII. **Enhancement of in vitro dissolution, in vitro lipolysis, ex-vivo permeability, and fasted and fed state bioavailability of Bosentan-solid SNEDDS: New oral drug delivery system for pulmonary arterial hypertension**  
Yılmaz Usta D., Olğaç S., Timur B., Teksin Z. Ş.  
EUFEPS Annual Meeting 2021, Stockholm, Sweden, 7 - 09 June 2021, pp.91-92
- XXIII. **In vitro, ex-vivo, and in vivo evaluation of Bosentan-loaded self nanoemulsifying drug delivery system**

- Yılmaz Usta D., Timur B., Teksin Z. Ş.  
EUFEPS Annual Meeting 2021, Stockholm, Sweden, 7 - 09 June 2021, pp.90-91
- XXIV. **The Development of Exemestane-loaded Self-nanoemulsifying Drug Delivery System**  
Timur B., Yılmaz Usta D., Teksin Z. Ş.  
EUFEPS Annual Meeting 2021, Stockholm, Sweden, 7 - 09 June 2021, pp.65
- XXV. **Evaluation of In-vitro Dissolution Ex-vivo Permeability of Tenofovir Double Nanoemulsion Produced with the High Energy Method for Oral Drug Administration**  
Olğaç S., Yılmaz Usta D., İnceçayır T., Teksin Z. Ş.  
EUFEPS Annual Meeting 2021, Stockholm, Sweden, 7 - 09 June 2021, pp.65-66
- XXVI. **Development and In Vitro Characterization of Bosentan-Loaded Self-Nanoemulsifying Drug Delivery System**  
Yılmaz Usta D., Teksin Z. Ş.  
12th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Vienna, Austria, 11 May 2021
- XXVII. **Investigation of Nanostructured Lipid Carriers (NLC)-Based Gel for the Transdermal Delivery of Ibuprofen: Preparation, Characterization, Textural Properties, and Ex Vivo Skin Permeation Studies**  
Yılmaz Usta D., Tuğcu Demiröz F. N., Teksin Z. Ş.  
12th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Vienna, Austria, 11 May 2021
- XXVIII. **Comparison of In Vitro Lipolysis of Bosentan-Loaded Lipid-Based Formulations in Fasted State Biorelevant Media**  
Timur B., Yılmaz Usta D., Teksin Z. Ş.  
12th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Vienna, Austria, 11 May 2021
- XXIX. **Evaluation of Fasted and Fed State Intestinal In Vitro Lipolysis Test for Bosentan Loaded Lipid-Based Drug Delivery Systems**  
TİMUR B., OLĞAÇ S., YILMAZ USTA D., TEKSİN Z. Ş.  
8th BBBB International Conference on Pharmaceutical Science, İzmir, Turkey, 14 - 16 October 2019
- XXX. **Development and Characterization of Bosentan Loaded Solid Self Nanoemulsifying Drug Delivery System (S-SNEDDS)**  
YILMAZ USTA D., OLĞAÇ S., TEKSİN Z. Ş.  
8th BBBB Conference on Pharmaceutical Sciences, İzmir, Turkey, 14 - 16 October 2019
- XXXI. **Development and Characterization of Bosentan Loaded Solid Self Nanoemulsifying Drug Delivery System (S-SNEDDS)., Çeşme-İzmir, Türkiye**  
YILMAZ USTA D., OLĞAÇ S., TEKSİN Z. Ş.  
8th BBBB International Conference on Pharmaceutical Science, İzmir, Turkey, 14 - 16 October 2019
- XXXII. **Role of Surfactants and pH on Dissolution Behavior of Tamoxifen, a Weakly Basic BCS Class II Drug**  
OLGAÇ S., YILMAZ USTA D., İNCEÇAYIR T., TEKSİN Z. Ş.  
AAPS PharmSci 360 Annual Meeting, Walter E. Washington Convention Center, Washington DC, USA, November 4-7, 2018, Washington, Kiribati, 4 - 08 November 2018
- XXXIII. **Modeling and Comparison of In-Vitro Dissolution Profiles of Tamoxifen Citrate Immediate Release Tablets**  
YILMAZ USTA D., OLGAÇ S., İNCEÇAYIR T., TEKSİN Z. Ş.  
19th International Pharmaceutical Technology Symposium (IPTS 2018), Antalya, Turkey, p: 168-169, September 17-19, 2018, Antalya, Turkey, 17 - 19 September 2018, pp.168-169
- XXXIV. **MECHANICAL PROPERTIES AND EX-VIVO SKIN PERMEATION EVALUATIONS OF IBUPROFEN EMULSION GEL FOR TOPICAL DELIVERY**  
YILMAZ USTA D., TUĞCU DEMİRÖZ F. N., TEKSİN Z. Ş.  
ISOPS 2018, Ankara, Turkey, 26 - 29 June 2018
- XXXV. **THE DEVELOPMENT OF SNEDDS CONTAINING BOSENTAN USING LONG CHAIN MONO AND DIGLYCERIDE MIXTURES**

YILMAZ USTA D., TEKSİN Z. Ş.

European Federation for Pharmaceutical Sciences (EUFEPS) Annual Meeting 2018, Atina, Greece, 24 - 26 May 2018

**XXXVI. Construction of Pseudo-Ternary Phase Diagrams for the Preformulation SNEDDS Development of Bosentan, a BCS Class IIa**

Yılmaz Usta D., Teksin Z. Ş.

11th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Granada, Spain, 19 - 22 March 2018

**XXXVII. Evaluation of Water and Oil Solubilities of Bosentan, a BCS Class IIa Drug**

YILMAZ USTA D., TEKSİN Z. Ş.

2nd International Gazi Symposium Series, Ankara, Turkey, 11 - 13 October 2017

**XXXVIII. New Perspective For Memantine Orally Disintegrating Tablet SeDeM Expert System**

OKTAY A. N., GÜLBAĞ S., DEMİRTAŞ Ö., YILMAZ USTA D., GÜLTEKİN H. E., KARAKÜÇÜK A. E., ÇELEBİ F. N.

GPSS International Gazi Pharma Symposium Series, 12 - 15 November 2015

**XXXIX. EVALUATION OF IN VITRO DISSOLUTION CHARACTERISTICS OF NON STEROIDAL ANTIINFLAMMATORY DRUGS IN THE TURKISH DRUG MARKET 1 FLURBIPROFEN A BCS CLASS IIa DRUG**

YILMAZ USTA D., demirtaş ö., uslu a., cumhur ö., TEKSİN Z. Ş.

International Gazi Pharma Symposium Series, Antalya, Turkey, 12 - 15 November 2015, pp.103

## Supported Projects

Yılmaz Usta D., Priority R&D Project of Group C, RAS-mutant Kanserlerde C-Raf Serin/Treonin Kinazın Bag-1 ile olan EtkileşiminiHedefleyen Yeni bir Terapötik İlaç Adayı: PreklinikaAraştırma, 2024 - 2027

Güvenç M., Gökçek İ., Çakır A., Aydın T., Yılmaz Usta D., Turanlı Y., Arkalı G., Kutlu T., Özkan H., Kaya U., TUBITAK Project, 2024 - 2026

Timur B., Yılmaz Usta D., Varan G., Demirel M. A., Teksin Z. Ş., TUBITAK Project, 2023 - 2024

Çoban Ö., Yılmaz Usta D., Gülbağ Pınar S., Project Supported by Higher Education Institutions, 2021 - 2022

Teksin Z. Ş., Elmas Ç., Kula S., Sezginer P., TUBITAK Project, Katı Kendiliğinden Emülsifiye İlaç Taşıyıcı Sistemlerin Geliştirilmesi Ve İn Vitro - İn Vivo Değerlendirmeler, 2018 - 2022

## Patent

Timur B., Teksin Z. Ş., Yılmaz Usta D., MEME KANSERİ TEDAVİSİNDE KULLANILABİLECEK ORTA ZİNCİRLİ MONO VE DİGLİSERİT KARIŞIMLARI İLE HAZIRLANAN EKSEMESTAN YÜKLÜ KENDİLİĞİNDEN NANOEMÜLSİFİYE İLAÇ TAŞIYICI SİSTEM (SNEDDS) FORMÜLASYONU, Patent, CHAPTER A Human Needs, The Invention Registration Number: TR 2021 019639 B , Standard Registration, 2023

Teksin Z. Ş., Yılmaz Usta D., Uzun Zincirli Mono ve Digliserit Karışımları ile Hazırlanan Bosentan Monohidrat Yüklü Kendiliğinden Nanoemülsifiye İlaç Taşıyıcı Sistemlerin (SNEDDS) Formülasyonu, Patent, CHAPTER A Human Needs, The Invention Registration Number: TR 2020 18841 B , Standard Registration, 2022

Teksin Z. Ş., Yılmaz Usta D., BOSENTAN MONOHYDRATE LOADED LIQUID SELF NANOEMULSIFYING DRUG CARRIER SYSTEM AND TABLET FORMULATION, Patent, CHAPTER A Human Needs, The Invention Recourse Number: EP/20876798.8 , Standard Registration, 2022

Teksin Z. Ş., Yılmaz Usta D., Bosentan Monohidrat Yüklü Kendiliğinden Nanoemülsifiye İlaç Taşıyıcı Sistem ve Tablet Formülasyonu, Patent, CHAPTER A Human Needs, The Invention Registration Number: TR 2019 15787 B , Standard Registration, 2021

Teksin Z. Ş., Yılmaz Usta D., FORMULATIONS OF BOSENTAN MONOHYDRATE LOADED SELF-NANOEMULSIFYING DRUG DELIVERY SYSTEMS (SNEDDS) PREPARED WITH LONG-CHAIN MONO AND DIGLYCERIDE MIXTURE, Patent, CHAPTER A Human Needs, The Invention Recourse Number: PCT/TR2021/051258 , Standard Registration, 2021

## Memberships / Tasks in Scientific Organizations

Türk Farmasötik Teknoloji Araştırmacıları Derneği (TÜFTAD), Board Member, 2023 - Continues, Turkey

Türk Farmasötik Teknoloji Araştırmacıları Derneği (TÜFTAD), Member, 2014 - Continues, Turkey

Farmasötik Bilimler Ankara Derneği (FABAD), Member, 2014 - Continues, Turkey

APGI – Association de Pharmacie Galénique Industrielle, Member, 2021 - 2021, France

## Peer Reviews in Scientific Publications

JOURNAL OF PHARMACEUTICAL INNOVATION, SCI Journal, March 2025

Istanbul Journal of Pharmacy, Journal Indexed in ESCI, January 2025

FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, Other Indexed Journal, January 2025

FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, Other Indexed Journal, December 2024

FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, Other Indexed Journal, September 2024

SCIENTIFIC REPORTS, SCI Journal, September 2024

JOURNAL OF RESEARCH IN PHARMACY, Journal Indexed in ESCI, August 2024

Hacettepe University Journal of the Faculty of Pharmacy, Other Indexed Journal, July 2024

MARMARA PHARMACEUTICAL JOURNAL, Journal Indexed in ESCI, May 2024

Journal of Faculty of Pharmacy of Ankara University, Other Indexed Journal, February 2024

FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, Other Indexed Journal, January 2024

## Scientific Consultations

TÜSEB, Project Consultancy, Gazi University, Eczacılık Fakültesi, Eczacılık Teknolojisi, Turkey, 2024 - 2024

## Metrics

Publication: 58

Citation (WoS): 83

Citation (Scopus): 106

H-Index (WoS): 6

H-Index (Scopus): 7

## Scholarships

2211-A MSc/MA/PhD Scholarship Programs, TUBITAK, 2014 - 2022

1001 - The Scientific and Technological Research Projects Funding Program, TUBITAK, 2018 - 2021

## Awards

Timur B., Yılmaz Usta D., Teksin Z. Ş., 2023 Rektörlük Yayın Teşvik Ödülleri: Patent Kategorisi, Gazi Üniversitesi, December 2024

Yılmaz Usta D., Olğaç S., Timur B., Teksin Z. Ş., 2023 Rektörlük Yayın Teşvik Ödülleri: Makale Kategorisi, Gazi Üniversitesi, December 2024

Yılmaz Usta D., Gazi Üniversitesi 97. Yıl En Başarılı Tez Yarışması - Sağlık Bilimleri Enstitüsü Birincilik Ödülü, Gazi Üniversitesi, December 2023

Yılmaz Usta D., 2021-2022 Rektörlük Yayın Teşvik Ödülleri: Patent Kategorisi, Gazi Üniversitesi, December 2023



Yılmaz Usta D., 2021-2022 Rektörlük Yayın Teşvik Ödülleri: Makale Kategorisi, Gazi Üniversitesi, December 2023  
Teksin Z. Ş., Timur B., Yılmaz Usta D., Patente Türkiye 3. Üniversiteler Arası Patent Yarışması Üçüncülük Ödülü, Türk Patent Ve Marka Kurumu, April 2023  
Yılmaz Usta D., Türkiye Bilimler Akademisi, April 2023  
Yılmaz Usta D., Gazi Üniversitesi, July 2019

## **Representation and Promotion Activities**

Institutional Promotion, Turkey, Ankara, 2021 - 2021  
Institutional Promotion, Gazi Üniversitesi Eczacılık Fakültesi, Turkey, Ankara, 2018 - 2019

## **Non Academic Experience**

Ministry, Sağlık Bakanlığı, Türkiye İlaç ve Tıbbi Cihaz Kurumu, Özel Tıbbi Amaçlı Gıdalar Danışma Komisyonu Bilimsel Danışma Kurulu Üyeliği  
Private Hospital, Özel Giresun Kent Hastanesi, Eczane, Eczacı Mesul Müdür