

## Assoc. Prof. ZERRİN SEZGİN BAYINDIR

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: HCI-2395-2022

ScopusID: 56941704600

Yoksis Researcher ID: 105256

### Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (Dr), Turkey 2004 - 2011

Postgraduate, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (YI) (Tezli), Turkey 2001 - 2004

Undergraduate, Ankara University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 1997 - 2001

### Dissertations

Doctorate, Paklitaksel'xxin niozom formülasyonlarının hazırlanması, in vitro ve in vivo olarak değerlendirilmesi, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (Dr), 2011

Postgraduate, Polimerik misellerin hazırlanması, karakterizasyonu ve oral yolla uygulamada davranışlarının in vitro ve ex vivo olarak incelenmesi, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (YI) (Tezli), 2004

### Research Areas

Pharmaceutics Technology

### Academic Titles / Tasks

Associate Professor, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2019 - Continues

Assistant Professor, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2016 - Continues

Research Assistant, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2002 - Continues

### Courses

İlaç Üretiminde ve Kontrolünde Kullanılan Cihazlar (Pratik), Postgraduate, 2022 - 2023

Pharmaceutical Technology II (Teorik), Undergraduate, 2022 - 2023, 2021 - 2022

Introduction to Pharmaceutical Technology, Undergraduate, 2022 - 2023, 2021 - 2022

Pharmaceutical Technology II (Pratik), Undergraduate, 2022 - 2023

Kontrollü Etkin Madde Salımında Kullanılan Polimerler, Postgraduate, 2022 - 2023

İlaç Üretiminde ve Kontrolünde Kullanılan Cihazlar (Teorik), Postgraduate, 2022 - 2023, 2021 - 2022

Katı İlaç Şekilleri Teknolojisi II, Doctorate, 2021 - 2022  
RESEARCH PROJECT-I, Undergraduate, 2022 - 2023  
Araştırma Projesi II, Undergraduate, 2021 - 2022  
Farmasötik Teknoloji Uygulama I, Undergraduate, 2022 - 2023  
Katı İlaç Şekilleri Teknolojisi I (Teo.), Doctorate, 2022 - 2023  
Systems For Controlled Drug Delivery And Delivery Mechanisms, Undergraduate, 2022 - 2023  
Controlled Release Systems and Drug Targeting, Undergraduate, 2021 - 2022  
CONTROLLED DRUG DELIVERY AND RELEASE MECHANISMS, Undergraduate, 2022 - 2023  
ARAŞTIRMA PROJESİ-I, Undergraduate, 2022 - 2023  
Pharmaceutical Technology I, Undergraduate, 2022 - 2023  
Farmasötik Teknoloji UYGULAMA II , Undergraduate, 2021 - 2022  
Pharmaceutical Technology I Practice, Undergraduate, 2022 - 2023  
RESEARCH PROJECT II, Undergraduate, 2021 - 2022  
Farmasötik Teknoloji Teorik-I, Undergraduate, 2016 - 2017  
FARMASÖTİK TEKNOLOJİ I PRATİK, Undergraduate, 2016 - 2017, 2013 - 2014, 2012 - 2013, 2005 - 2006, 2004 - 2005  
Farmasötik Teknoloji III Pratik , Undergraduate, 2015 - 2016, 2011 - 2012, 2005 - 2006  
Farmasötik Teknoloji II Pratik , Undergraduate, 2014 - 2015, 2006 - 2007  
İlaç Şekilleri ve Tıbbi Malzeme II Pratik, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011  
Farmasötik Teknoloji-VI Pratik, Undergraduate, 2010 - 2011  
Farmasötik Teknoloji-II Pratik, Undergraduate, 2010 - 2011, 2007 - 2008  
Farmasötik Teknoloji IV Pratik , Undergraduate, 2009 - 2010, 2004 - 2005  
Farmasötik Teknoloji-IV Pratik , Undergraduate, 2008 - 2009

## **Jury Memberships**

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, December, 2022  
Post Graduate, Post Graduate, Ankara Üniversitesi, July, 2022  
Competition, TEKNOFEST Havacılık, Uzay ve Teknoloji Festivali Danışma ve Değerlendirme Kurulu üyeliği, Ankara University, June, 2022  
Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, May, 2022  
Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, February, 2021  
Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, February, 2021  
Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, January, 2021  
Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, January, 2021

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

- I. **Carrier Systems for Advanced Drug Delivery: Improving Drug Solubility/Bioavailability and Administration Routes**  
Losada-Barreiro S., Celik S., SEZGİN BAYINDIR Z., Bravo-Fernandez S., Bravo-Diaz C.  
PHARMACEUTICS, vol.16, no.7, 2024 (SCI-Expanded)
- II. **Current Overview on the Use of Nanosized Drug Delivery Systems in the Treatment of Neurodegenerative Diseases**  
Ozceylan O., SEZGİN BAYINDIR Z.  
ACS Omega, 2024 (SCI-Expanded)
- III. **Innovative Delivery and Release Systems for Antioxidants and Other Active Substances in the Treatment of Cancer**

SEZGİN BAYINDIR Z., Losada-Barreiro S., Fernandez-Bravo S., Bravo-Diaz C.  
PHARMACEUTICALS, vol.16, no.7, 2023 (SCI-Expanded)

- IV. **Development and quality assessment of glutathione tripeptide loaded niosome containing carbopol emulgels as nanocosmeceutical formulations**  
İnal Ö., Amasya Çelikten G., Sezgin Bayındır Z., Yüksel N.  
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.241, 2023 (SCI-Expanded)
- V. **Biochemistry of Antioxidants: Mechanisms and Pharmaceutical Applications.**  
Losada-Barreiro S., Sezgin-Bayindir Z., Paiva-Martins F., Bravo-Díaz C.  
Biomedicines, vol.10, no.12, 2022 (SCI-Expanded)
- VI. **Polyphenols as Antioxidants for Extending Food Shelf-Life and in the Prevention of Health Diseases: Encapsulation and Interfacial Phenomena**  
Costa M., Sezgin-Bayindir Z., Losada-Barreiro S., Paiva-Martins F., Saso L., Bravo-Diaz C.  
BIOMEDICINES, vol.9, no.12, 2021 (SCI-Expanded)
- VII. **A study to enhance the oral bioavailability of s-adenosyl-L-methionine (SAME): SLN and SLN nanocomposite particles**  
Amasya G., Ergin A. D., Cakirci O. E., Özçelikay A. T., Sezgin Bayındır Z., Yüksel N.  
CHEMISTRY AND PHYSICS OF LIPIDS, vol.237, 2021 (SCI-Expanded)
- VIII. **Nanotechnology-Based Drug Delivery to Improve the Therapeutic Benefits of NRF2 Modulators in Cancer Therapy**  
SEZGİN BAYINDIR Z., Losada-Barreiro S., Bravo-Diaz C., Sova M., Kristl J., Saso L.  
ANTIOXIDANTS, vol.10, no.5, 2021 (SCI-Expanded)
- IX. **A novel delivery system for enhancing bioavailability of S-adenosyl-L-methionine: Pectin nanoparticles-in-microparticles and their in vitro - in vivo evaluation'**  
Ergin A. D., SEZGİN BAYINDIR Z., ÖZÇELİKAY A. T., YÜKSEL N.  
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.61, 2021 (SCI-Expanded)
- X. **Development and In Vitro Evaluation of Nifedipine Gel Formulations for Anorectal Applications**  
Bagci N., SEZGİN BAYINDIR Z., İNAL Ö., ALTANLAR N., YÜKSEL N.  
CURRENT DRUG DELIVERY, vol.17, no.2, pp.126-139, 2020 (SCI-Expanded)
- XI. **Investigations on clonazepam-loaded polymeric micelle-like nanoparticles for safe drug administration during pregnancy**  
Sezgin Bayındır Z., Elçin A. E., Parmaksız M., Elçin Y. M., Yüksel N.  
JOURNAL OF MICROENCAPSULATION, vol.35, no.2, pp.149-164, 2018 (SCI-Expanded)
- XII. **Evaluation of various block copolymers for micelle formation and brain drug delivery: In vitro characterization and cellular uptake studies**  
Sezgin Bayındır Z., Ergin A. D., Parmaksız M., Elçin A. E., Elçin Y. M., Yüksel N.  
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.36, pp.120-129, 2016 (SCI-Expanded)
- XIII. **In situ niosome forming maltodextrin proniosomes of candesartan cilexetil: In vitro and in vivo evaluations**  
YÜKSEL N., SEZGİN BAYINDIR Z., Aksakal E., ÖZÇELİKAY A. T.  
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.82, pp.453-463, 2016 (SCI-Expanded)
- XIV. **Recent Developments in Pharmaceutical Sciences 11th ISOPS-International Symposium on Pharmaceutical Sciences, June 9-12 2015**  
YÜKSEL N., ASLAN ERDEM S., SEZGİN BAYINDIR Z.  
CURRENT DRUG DELIVERY, vol.13, no.3, pp.300, 2016 (SCI-Expanded)
- XV. **Development and Characterization of Mixed Niosomes for Oral Delivery Using Candesartan Cilexetil as a Model Poorly Water-Soluble Drug**  
SEZGİN BAYINDIR Z., Antep M. N., YÜKSEL N.  
AAPS PHARMSCITECH, vol.16, no.1, pp.108-117, 2015 (SCI-Expanded)
- XVI. **Provesicles as Novel Drug Delivery Systems**  
SEZGİN BAYINDIR Z., YÜKSEL N.  
CURRENT PHARMACEUTICAL BIOTECHNOLOGY, vol.16, no.4, pp.344-364, 2015 (SCI-Expanded)

- XVII. **Stability Studies on Piroxicam Encapsulated Niosomes**  
ERTEKİN ÖZKAN Z. C., SEZGİN BAYINDIR Z., YÜKSEL N.  
CURRENT DRUG DELIVERY, vol.12, no.2, pp.192-199, 2015 (SCI-Expanded)
- XVIII. **Paclitaxel-loaded niosomes for intravenous administration: pharmacokinetics and tissue distribution in rats**  
SEZGİN BAYINDIR Z., BEŞİKCİ A., YÜKSEL N.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.45, no.6, pp.1403-1412, 2015 (SCI-Expanded)
- XIX. **Niosomes encapsulating paclitaxel for oral bioavailability enhancement: preparation, characterization, pharmacokinetics and biodistribution**  
SEZGİN BAYINDIR Z., BEŞİKCİ A., VURAL N., YÜKSEL N.  
JOURNAL OF MICROENCAPSULATION, vol.30, no.8, pp.796-804, 2013 (SCI-Expanded)
- XX. **Investigation of Formulation Variables and Excipient Interaction on the Production of Niosomes**  
SEZGİN BAYINDIR Z., YÜKSEL N.  
AAPS PHARMSCITECH, vol.13, no.3, pp.826-835, 2012 (SCI-Expanded)
- XXI. **The use of isolated enterocytes to study Phase I intestinal drug metabolism: Validation with rat and pig intestine**  
Bonnefille P., SEZGİN BAYINDIR Z., Belkhelfa H., Arellano C., Gandia P., Woodley J., Houin G.  
Fundamental and Clinical Pharmacology, vol.25, no.1, pp.104-114, 2011 (SCI-Expanded)
- XXII. **Characterization of Niosomes Prepared With Various Nonionic Surfactants for Paclitaxel Oral Delivery**  
SEZGİN BAYINDIR Z., YÜKSEL N.  
JOURNAL OF PHARMACEUTICAL SCIENCES, vol.99, no.4, pp.2049-2060, 2010 (SCI-Expanded)
- XXIII. **Investigation of pluronic and PEG-PE micelles as carriers of meso-tetraphenyl porphine for oral administration**  
Sezgin Z., YÜKSEL N., Baykara T.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.332, no.1-2, pp.161-167, 2007 (SCI-Expanded)
- XXIV. **Preparation and characterization of polymeric micelles for solubilization of poorly soluble anticancer drugs**  
Sezgin Z., YÜKSEL N., Baykara T.  
European Journal of Pharmaceutics and Biopharmaceutics, vol.64, no.3, pp.261-268, 2006 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Recent developments on proliposome technology and applications PROLİPOZOM TEKNOLOJISİNDEKİ GÜNCEL GELİSMELER VE UYGULAMALAR**  
Dereli N., SEZGİN BAYINDIR Z.  
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.44, no.2, pp.308-333, 2020 (Scopus)
- II. **Characterization and optimization of colon targeted S-adenosyl-L-methionine loaded chitosan nanoparticles**  
Ergin A. D., SEZGİN BAYINDIR Z., YÜKSEL N.  
JOURNAL OF RESEARCH IN PHARMACY, vol.23, no.5, pp.914-926, 2019 (ESCI)
- III. **In vitro phytoequivalency of artichoke extracts (Cynara scolymus L.) and their drug products Enginar ekstreleri ve ilaç formlarının in vitro fitoekivalansı**  
Özbilgin S., SEZGİN BAYINDIR Z., SALTAN İŞCAN H. G., YÜKSEL N.  
Turkish Journal of Pharmaceutical Sciences, vol.12, no.2, pp.147-156, 2015 (Scopus)
- IV. **Preparation of polymeric nanoparticles using different stabilizing agents**  
ŞENGEL TÜRK C. T., SEZGİN BAYINDIR Z., BADILLI F. U.  
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.38, no.4, pp.257-268, 2009 (Scopus)
- V. **Pegylation: preparation and application of PEG conjugates Pegilasyon: PEG konjugatlarının hazırlanması ve uygulamaları**

SEZGİN BAYINDIR Z., YÜKSEL N.

Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.36, no.4, pp.249-266, 2007 (Scopus)

- VI. **Preparation and characterization of polymeric micelles as drug carrier system İlaç taşıyıcı sistemler olarak polimerik misellerin hazırlanması ve karakterizasyonu**

Sezgin Z., YÜKSEL N., Baykara T.

Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.32, no.2, pp.125-142, 2003 (Scopus)

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **Hamilelikte Emniyetli İlaç Uygulamasına Yönelik Misel Benzeri Nanopartiküllerin İncelenmesi**  
SEZGİN BAYINDIR Z., PARMAKSIZ M., ELÇİN A. E., ELÇİN Y. M., YÜKSEL N.  
Ulusal Biyomedikal Bilim ve Teknoloji Sempozyumu (BIOMED 2021), 18 - 19 December 2021
- II. **Preparation and Optimization of S-Adenosyl-L-Methionine (SAME) Loaded Pectin Nanoparticle-In-Microparticle System : In Vitro and In Vivo Evaluation**  
ERGİN A. D., SEZGİN BAYINDIR Z., YÜKSEL N.  
8th BBBB Conference on Pharmaceutical Sciences, 14 - 16 October 2019
- III. **Evaluation Of The Effects Of Modified Endomorphin-1 Loaded Micelles On Acute And Neuropathic Pain Along With The Pharmacokinetic Parameters**  
SEZGİN BAYINDIR Z., YÜKSEL N., KÖSE ÖZKAN C.  
Controlled Release Society Annual Meeting Exposition, 21 - 24 July 2019
- IV. **Preparation and Characterization of SAME Loaded Inulin Nanoparticles: Comparison of Different Crosslinking Agents**  
ERGİN A. D., SEZGİN BAYINDIR Z., YÜKSEL N.  
IPTS 19th, 17 - 19 September 2018
- V. **Preparation and optimization of SAME loaded Inulin based nanoparticles for colon targeting delivery**  
ERGİN A. D., SEZGİN BAYINDIR Z., YÜKSEL N.  
4th International Bio-based Polymers and Composites (BiPoCo) 2018, 2 - 06 September 2018
- VI. **EXPERIMENTAL EVALUATION OF ANTINOCICEPTIVE ACTIVITY OF END-LAA LOADED POLYMERIC MICELLES WITH TAILFLICK MODEL**  
SEZGİN BAYINDIR Z., YÜKSEL N., KÖSE ÖZKAN C., SAVAŞER A., Toth I.  
12th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2018
- VII. **Solid lipid nanoparticles for oral administration: High pressure homogenization method**  
ERKAN Ö., AMASYA G., SEZGİN BAYINDIR Z., YÜKSEL N.  
12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018
- VIII. **PREPARATION AND EVALUATION OF OXICONAZOLE NITRATE LOADED PROLIPOSOME**  
DERELİ N., SEZGİN BAYINDIR Z., ARSLAN A., ÖZKAN KÖSE C.  
GPSS 2017, 11 - 13 October 2017
- IX. **Analytical method development and validation of End-LAA for in vitro and in vivo studies**  
SEZGİN BAYINDIR Z., ÖZKAN KÖSE C., YÜKSEL N., ESER B., SAVAŞER A.  
Global Conference on Pharmaceutics and Drug Delivery Systems, 29 June - 01 July 2017
- X. **Formulation development and evaluation of S-Adenosyl-L-methionine loaded solid lipid nanoparticles using different lipid carriers**  
ERKAN Ö., AMASYA G., SEZGİN BAYINDIR Z., YÜKSEL N.  
22nd International Biomedical Science and Technology Symposium, Ankara, Turkey, 12 - 14 May 2017
- XI. **Preparation and optimization of S-adenosyl-L-methionine loaded pectin based nanoparticles for colon targeted delivery**  
ERGİN A. D., SEZGİN BAYINDIR Z., YÜKSEL N.  
BIOMED 2017, "The 22nd Biomedical Science and Technology Symposium, 12 - 14 May 2017
- XII. **Development and in vitro evaluation of polymeric micelles for oral delivery of lipid modified Endomorphin I**

SEZGİN BAYINDIR Z., YÜKSEL N., VARAMINI P., TOTH I.

AAPS Annual Meeting and Exposition, 22 - 24 December 2016

- XIII. **Development of Semisolid Preparations Containing Nifedipine for Anorectal Application and In Vitro Evaluation**  
YÜKSEL N., BAĞCI N., SEZGİN BAYINDIR Z., İNAL Ö.  
2016 AAPS Annual Meeting and Exposition, Denver, United States Of America, 13 - 17 November 2016
- XIV. **DEVELOPMENT AND IN VITRO EVALUATION OF POLYMERIC MICELLES FOR ORAL DELIVERY OF LIPID MODIFIED ENDOMORPHIN 1**  
SEZGİN BAYINDIR Z., YÜKSEL N., VARAMINI P., TOTH I.  
11th Central European Symposium on Pharmaceutical Technology, Belgrade, Serbia, 22 - 24 September 2016, vol.66
- XV. **In situ niosome forming proniosomal tablets in vitro and in vivo evaluation**  
YÜKSEL N., SEZGİN BAYINDIR Z., AKSAKAL E., ÖZÇELİKAY A. T.  
GPSS 2015, 12 - 15 November 2015
- XVI. **Cytotoxicity of various micelle forming copolymers on brain cell line**  
Sezgin Bayindir Z., Ergin A. D., Parmaksiz M., Elcin A. E., Elcin Y. M.  
EUFEPS (European Federation for Pharmaceutical Sciences) Annual Meeting, Geneva, Switzerland, 15 - 17 June 2015, pp.36
- XVII. **EFFECTS OF DIFFERENT PREPARATION METHODS ON POLYMERIC MICELLE FORMATION**  
SEZGİN BAYINDIR Z., ERGİN A. D., YÜKSEL N.  
11th International Symposium on Pharmaceutical Sciences (ISOPS-11), Ankara, Turkey, 9 - 12 June 2015, pp.179-180
- XVIII. **Estimation of critical micelle concentration for different derivatives of polyethylene glycol polylactic acid PEG PLA and polystyrene polyacrylic acid PS PAA copolymers**  
SEZGİN BAYINDIR Z., ERGİN A. D., YÜKSEL N.  
17th International Pharmaceutical Technology Symposium – IPTS 2014, 8 - 10 September 2014
- XIX. **In Vitro Evaluation of Candesartan Cilexetil Loaded Pluronic P85 Span 60 Niosomes**  
SEZGİN BAYINDIR Z., YÜKSEL N.  
APS PharmSci 2014 – The Science of Medicine, 8 - 10 September 2014
- XX. **Preparation of proniosomes containing candesartan cilexetil and assessment of their in vivo bioavailabilities**  
YÜKSEL N., AKSAKAL E., SEZGİN BAYINDIR Z., ÖZÇELİKAY A. T.  
CRS Annual Meeting and Exposition, 13 - 16 July 2014
- XXI. **In Vitro Pharmaceutical Equivalency Of Artichoke Extracts And Their Drug Products**  
SALTAN H. G., SEZGİN BAYINDIR Z., ÖZBİLGİN S., YÜKSEL N.  
9th Central European Symposium On Pharmaceutical Technology, 20 - 22 December 2012
- XXII. **Niosomes as drug delivery system for cancer therapy**  
YÜKSEL N., SEZGİN BAYINDIR Z., BEŞİKCİ A., VURAL N.  
International Multidisciplinary Symposium on Drug Research & Development, 28 - 30 November 2013
- XXIII. **Püskürterek kurutma yöntemi ile enginar yaprağı ekstresinin hazırlanması ve piyasada bulunan enginar yaprak ekstresi içeren preparatların in vitro fitoşekerlik kontrolü**  
ÖZBİLGİN S., SEZGİN BAYINDIR Z., SALTAN H. G., YÜKSEL N.  
XX. Bitkisel İlaç Hammaddeleri Toplantısı – BİHAT, Turkey, 10 - 13 October 2012
- XXIV. **Stability studies on piroxicam loaded niosomes**  
ERTEKİN ÖZKAN Z. C., SEZGİN BAYINDIR Z., YÜKSEL N.  
International Symposium on Pharmaceutical Sciences ISOPS 10th, 26 - 29 June 2012
- XXV. **Effect of stabilizing agents on the characteristics of plga nanoparticles**  
ŞENGEL TÜRK C. T., SEZGİN BAYINDIR Z., BADILLI F. U.  
International Symposium on Pharmaceutical Sciences- ISOPS 10th, 26 - 29 June 2012
- XXVI. **Oral paclitaxel delivery with niosomes**  
SEZGİN BAYINDIR Z., BEŞİKCİ A., YÜKSEL N.

- International Symposium on Pharmaceutical Sciences ISOPS 10th, 26 - 29 June 2012
- XXVII. **Niosomes for paclitaxel delivery**  
SEZGİN BAYINDIR Z., BEŞİKCİ A., YÜKSEL N.  
17th International Symposium on Biomedical Science and Technology (BIOMED), 23 - 25 November 2011
- XXVIII. **Preparation and optimization of Paclitaxel loaded Span 40 niosomes**  
SEZGİN BAYINDIR Z., YÜKSEL N.  
18th International Symposium on Microencapsulatiton, 12 - 14 September 2011
- XXIX. **Improving solubility of candesartan cilexetil with niosomes for oral delivery**  
ANTEP M. N., SEZGİN BAYINDIR Z., YÜKSEL N.  
18th International Mymposium on Microencapsulatiton, 12 - 14 September 2011
- XXX. **Niosomal Paclitaxel Development characterization and in vivo comparision with marketed formulation**  
SEZGİN BAYINDIR Z., BEŞİKCİ A., YÜKSEL N.  
3rdPharmsciFair, 13 June 2011
- XXXI. **Characterization of niosomes prepared with various non ionic surfactants for paclitaxel delivery**  
SEZGİN BAYINDIR Z., YÜKSEL N.  
30th annual meeting and exposition of the controlled release society Copenhagen-Danimarka, 19 - 23 July 2009
- XXXII. **Effect of probe sonication on the characterization of paclitaxel loaded span 40 niosomes**  
SEZGİN BAYINDIR Z., YÜKSEL N.  
9th International Symposium on Pharmaceutical Sciences (9 th ISOPS), 23 - 26 June 2009, pp.268
- XXXIII. **Preparation and in vitro characterization of indomethacin loaded PLGA microspheres**  
Sezgin Bayındır Z., Numanoğlu U., Devrim B., Şengel Türk C. T., Karataş A.  
13th International Pharmaceutical Technology Symposium, Ankara, Turkey, 10 - 13 September 2006
- XXXIV. **Preparation of meso Tetraphenyl Porphine Loaded Polymeric Micelles and Investigation of Their ex vivo Behaviors as Oral Drug Delivery Systems**  
SEZGİN BAYINDIR Z., YÜKSEL N.  
15th International Symposium on Microencapsulation, 18 - 21 September 2005, pp.315-316
- XXXV. **Preparation and characterization of meso tetraphenyl porphine loaded polymeric micelles**  
SEZGİN BAYINDIR Z., YÜKSEL N., BAYKARA T., LEVCHENKO T., TORCHILIN V.  
PharmsciFair, 12 - 17 June 2005
- XXXVI. **Polymeric micelles for solubilization of poorly soluble anticancer drugs**  
SEZGİN BAYINDIR Z., YÜKSEL N., BAYKARA T., LEVCHENKO T., TORCHILIN V.  
12th International Pharmaceutical Technology Symposium, 12 - 15 September 2004, pp.223-224

## Activities in Scientific Journals

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, Assistant Editor/Section Editor, 2023 - Continues

## Memberships / Tasks in Scientific Organizations

TİTCK-Komisyon Üyeliği, Member, 2022 - Continues, Turkey

ECZAKDER-Uluslararası Faaliyetleri Geliştirme Çalışma Grubu, Member, 2022 - Continues, Turkey

## Tasks In Event Organizations

Sezgin Bayındır Z., Eryılmaz M., KOÇ A., PHARMANKARA III, Scientific Congress, Ankara, Turkey, Ekim 2022

Sezgin Bayındır Z., Kaşkatepe B., ISOPS-13, Scientific Congress, Ankara, Turkey, Haziran 2021

## **Metrics**

Publication: 73

Citation (WoS): 955

Citation (Scopus): 1150

H-Index (WoS): 14

H-Index (Scopus): 16