

## Res. Asst. ÖZGE EŞİM

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (Dr), Turkey 2014 - 2020

Undergraduate, Hacettepe University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 2008 - 2013

### Dissertations

Doctorate, Platine Dirençli Over Kanseri Tedavisine Yönelik Nanopartiküler İlaç Taşıyıcı Sistemlerin Geliştirilmesi ve Değerlendirilmesi, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (Dr), 2020

### Research Areas

Pharmaceutical Technology

### Academic Titles / Tasks

Research Assistant, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2014 - Continues

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

- I. **Ciprofloxacin HCl-loaded Albumin Nanoparticles for the Treatment of Recurrent Urinary Tract Infections: Preparation, Optimization, and Evaluation of Antibacterial Activity**  
EŞİM Ö., Kiymaci M. E., HASÇİÇEK C.  
Journal of Pharmaceutical Innovation, vol.18, no.3, pp.1100-1110, 2023 (SCI-Expanded)
- II. **Chitosan-coated bovine serum albumin nanocarriers mediate efficient delivery of methotrexate in breast cancer therapeutics**  
EŞİM Ö., Oztuna A., Sarper M., HASÇİÇEK C.  
Journal of Drug Delivery Science and Technology, vol.77, 2022 (SCI-Expanded)
- III. **Carboplatin and decitabine loaded lipid-coated albumin nanoparticles for an efficient treatment of platinum-resistant ovarian cancer**  
EŞİM Ö., HASÇİÇEK C., Gedik M. E., GÜNAYDIN G., Dogan A. L.  
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.76, 2022 (SCI-Expanded)
- IV. **Development of carboplatin loaded bovine serum albumin nanoparticles and evaluation of its effect**

**on an ovarian cancer cell line**

EŞİM Ö., Gedik M. E., DOĞAN A. L., GÜNAYDIN G., HASÇIÇEK C.

JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.64, 2021 (SCI-Expanded)

**V. Lipid-Coated Nanosized Drug Delivery Systems for an Effective Cancer Therapy**

EŞİM Ö., HASÇIÇEK C.

CURRENT DRUG DELIVERY, vol.18, no.2, pp.147-161, 2021 (SCI-Expanded)

**VI. Albumin-based Nanoparticles as Promising Drug Delivery Systems for Cancer Treatment**

EŞİM Ö., HASÇIÇEK C.

CURRENT PHARMACEUTICAL ANALYSIS, vol.17, no.3, pp.346-359, 2021 (SCI-Expanded)

**VII. A novel stability-indicating analytical method development for simultaneous determination of carboplatin and decitabine from nanoparticles**

EŞİM Ö., GÜMÜŞTAŞ M., HASÇIÇEK C., ÖZKAN S. A.

JOURNAL OF SEPARATION SCIENCE, vol.43, no.17, pp.3491-3498, 2020 (SCI-Expanded)

## Articles Published in Other Journals

**I. PREPARATION AND EVALUATION OF COMPRESSION-COATED TABLETS FOR CHRONOPHARMACEUTICAL DRUG DELIVERY**

Esim O., HASÇIÇEK C.

Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.47, no.2, pp.508-519, 2023 (Scopus)

**II. NOSE-TO-BRAIN DRUG DELIVERY OF NANOFORMULATIONS: PREPARATION AND IN VITRO EVALUATION**

Çelikkol I., EŞİM Ö., HASÇIÇEK C.

Journal of Research in Pharmacy, vol.27, pp.13-16, 2023 (ESCI)

**III. Nano drug delivery systems for ovarian cancer therapy**

HASÇIÇEK C., EŞİM Ö.

Integrative Cancer Science and Therapeutics, vol.4, no.2, pp.1-4, 2017 (Peer-Reviewed Journal)

**IV. Alzheimer hastalığı tedavisinde nano boyutlu ilaç taşıyıcı sistemlerin kullanımı**

Dereli N., GÜN Ö., HASÇIÇEK C.

Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.40, no.1, pp.54-73, 2016 (Scopus)

**V. Nanosized drug delivery systems for Alzheimer disease treatment Alzheimer hastalığı tedavisinde nano boyutlu ilaç taşıyıcı sistemlerin kullanımı**

Dereli N., EŞİM Ö., HASÇIÇEK C.

Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.40, no.1, pp.54-73, 2016 (Scopus)

## Books & Book Chapters

**I. Cancer Nanotheranostics: A Review**

Eşim Ö., Hasçipek C.

in: Advances in Novel Formulations for Drug Delivery, Raj K. Keservani, Rajesh Kumar Kesharwani, Anil K. Sharma, Editor, John Wiley & Sons, Inc. ve Scrivener Publishing LLC, New Jersey, pp.401-432, 2023

**II. Mezenkimal Kök Hücre Tedavileri ve Son Gelişmeler**

EŞİM Ö.

in: Eczacılıkta Yenilikler 4, Bozkır Asuman, Yıldız İlkey, Editor, Ankara Üniversitesi Basımevi, Ankara, pp.413-428, 2023

**III. TERANOSTİK SİSTEMLER VE GÜNCEL YAKLAŞIMLAR**

Eşim Ö., Hasçipek C.

in: Eczacılıkta Yenilikler 3, Gülbin Özçelikay, İlkey Yıldız, Editor, Ankara Üniversitesi, Ankara, pp.391-402, 2020

## Refereed Congress / Symposium Publications in Proceedings

- I. **Telmisartan loaded protein-based nanoparticles and their size dependent cellular uptake**  
EŞİM Ö., HASÇIÇEK C.  
The Sixth International Symposium on Pharmaceutical and Biomedical Sciences (ISPBS-6), Gaziantep, Turkey, 26 - 28 May 2022
- II. **Cytotoxicity evaluation of methotrexate-encapsulating chitosan-coated nanoparticles**  
EŞİM Ö., Öztuna A., HASÇIÇEK C.  
20th International Pharmaceutical Technology Symposium (IPTS-20), Ankara, Turkey, 21 February 2022
- III. **Experimental design of ciprofloxacin HCl-loaded nanoparticle formulation for an enhanced antimicrobial activity**  
EŞİM Ö., KIYMACI M. E., HASÇIÇEK C.  
4th Edition of Global Conference on Pharmaceutics and Drug Delivery Systems (PDDS 2021), Italy, 6 - 08 September 2021
- IV. **Design and investigation of cytotoxic effect of ciprofloxacin HCl-loaded nano-sized drug delivery system**  
EŞİM Ö., HASÇIÇEK C.  
3rd International Gazi Pharma Symposium Series (GPSS-2021), Ankara, Turkey, 08 September 2021
- V. **Preparation and in vitro evaluation of lipid-coated nanoparticles containing carboplatin and decitabine**  
EŞİM Ö., HASÇIÇEK C.  
13rd International Symposium on Pharmaceutical Sciences (ISOPS-13), Ankara, Turkey, 22 June 2021
- VI. **RECENT STUDIES ON THE DEVELOPMENT OF ANALYTICAL METHODS BOTH ACHIRAL AND CHIRAL SEPARATIONS**  
GÜMÜŞTAŞ M., EŞİM Ö., HASÇIÇEK C., ÖZKAN S. A., Leselier E., West C., Chankvetadze B.  
10th Annual Symposium on Physical and Analytical Chemistry, Tiflis, Georgia, 3 - 04 January 2020
- VII. **Investigation of The Effects of Formulation Parameters on Carboplatin Loaded Bovine Serum Albumin Nanoparticles,**  
EŞİM Ö., HASÇIÇEK C.  
8th BBBB Conference on Pharmaceutical Sciences, İzmir, Turkey, 13 - 16 October 2019
- VIII. **Analytical Method Development and Validation For Simultaneous Determination of Carboplatine and Decitabine by Using HPLC**  
EŞİM Ö., GÜMÜŞTAŞ M., HASÇIÇEK C., ÖZKAN S. A.  
19th International Pharmaceutical Technology Symposium (IPTS-19), Antalya, Turkey, 17 - 19 September 2018
- IX. **Development and validation of a HILIC method for simultaneous determination of carboplatin and decitabine**  
EŞİM Ö., GÜMÜŞTAŞ M., HASÇIÇEK C., ÖZKAN S. A.  
12th International Symposium on Pharmaceutical Sciences (ISOPS-12), Ankara, Turkey, 26 - 29 July 2018
- X. **Development of time controlled multi-copressed dexketoprofen trometamol tablets.**  
HASÇIÇEK C., Doburlu H., EŞİM Ö.  
12th International Symposium on Pharmaceutical Sciences (ISOPS-12), Ankara, Turkey, 26 June 2018
- XI. **Preparation and characterization of ciprofloxacin HCl loaded chitosan nanoparticles**  
EŞİM Ö., HASÇIÇEK C.  
11th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Granada, Nicaragua, 19 - 22 March 2018
- XII. **EVALUATION OF THE EFFECT OF POLYMER VISCOCITY ONDRUG RELEASE FROM PULSATILE RELEASE TABLETS**  
HASÇIÇEK C., EŞİM Ö.  
2nd International Gazi Pharma Symposium Series (GPSS-2017), 11 - 13 October 2017
- XIII. **Over kanseri tedavisinde nanosistemler ve uygulamaları**  
EŞİM Ö., HASÇIÇEK C.

1. Anadolu Üniversitesi Eczacılık Fakültesi Sempozyumu, Turkey, 1 - 02 June 2017

**XIV. DESING AND EVALUATION OF TELMISARTAN PRESS-COATED TABLETS FOR PULSATILE DRUG DELIVERY**

GÜN Ö., HASÇİÇEK C.

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

**XV. COMPARATIVE EVALUATION OF GRANULAC STARCH GRANULES PRODUCED BY WET GRANULATION METHOD USING PVP BINDER IN A LOW SHEAR MIXER GRANULATOR**

GÜN Ö., ERGİN A. D., GÖRGÖZ M., rüya ç., ARISOY S., YÜKSEL N.

11th International Symposium on Pharmaceutical Sciences (ISOPS-11), Ankara, Turkey, 9 - 12 June 2015

## Supported Projects

Eşim Ö., Hasçiček C., TUBITAK Project, Burundan Beyne Doğrudan Hedeflendirilen Nanopartiküler İlaç Taşıyıcı Sistemlerin Hazırlanması ve İn vitro Karakterizasyonu, 2022 - 2023

Eşim Ö., Hasçiček C., Doğan A. L., TUBITAK Project, Karboplatin ile birlikte Desitabin Yüklü Nanopartiküler Sistemlerin Geliştirilmesi ve Platine Duyarlı/ Dirençli Over Kanseri Hücrelerinde Etkilerinin İncelenmesi, 2017 - 2020

## Metrics

Publication: 30

Citation (WoS): 68

Citation (Scopus): 88

H-Index (WoS): 5

H-Index (Scopus): 6