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Education

Doctorate, Hacettepe University, Eczacılık Fakültesi, Farmasötik Teknoloji, Turkey 2010 - 2016

Postgraduate, Hacettepe University, Eczacılık Fakültesi, Farmasötik Teknoloji, Turkey 2006 - 2010

Undergraduate, Hacettepe University, Eczacılık Fakültesi, Turkey 2002 - 2005

Dissertations

Doctorate, İlaçların absorpsiyonu ve permeabilitesi üzerine diyabetin etkisinin incelenmesi, Hacettepe University, Sağlık Bilimleri Enstitüsü, 2016

Postgraduate, Nanoteknoloji uygulaması ile ilaç biyoyararlanımının artırılmasına yönelik yaklaşımlar , Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (Dr), 2009

Research Areas

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

Academic Positions

Associate Professor, Hacettepe University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2021 - Continues

Assistant Professor, Hacettepe University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2018 - Continues

Research Assistant, Hacettepe University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2006 - 2018

Journal articles indexed in SCI, SSCI, and AHCI

- I. **Evaluation the potential of γ -cyclodextrin metal-organic frameworks in enhancing tamoxifen citrate solubility and permeability focusing on particle size**
Mutlu-Agardan N. B., EDİSAN Ş., GÜLSÜN İNAL T.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, 2025 (SCI-Expanded)
- II. **Development and characterization of orodispersible films containing amlodipine besylate and rosuvastatin calcium based on electrospun fibers**
Muratoglu S., İNAL M., GÜLSÜN İNAL T., ŞAHİN S.

- JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.101, 2024 (SCI-Expanded)
- III. Optimization of Glyburide-Loaded Nanosuspensions <i>via</i> Ball Milling and Homogenization Techniques: A Central Composite Design Approach for Enhanced Solubility
Gungor D., AYTEKİN E., AKDAĞ ÇAYLI Y., ŞAHİN S., GÜLSÜN İNAL T.
CURRENT PHARMACEUTICAL DESIGN, no.5, pp.377-390, 2024 (SCI-Expanded)
- IV. Comparison of free <i>vs.</i> liposomal naringenin in white adipose tissue browning in C57BL/6j mice
Bas K. U., AĞAÇDİKEN A., Demet E. D. O., Aslan D., REÇBER T., Ozturk S. C., GÜLSÜN İNAL T., ÇELEBİER M., GÖKTAŞ Z.
JOURNAL OF LIPOSOME RESEARCH, 2024 (SCI-Expanded)
- V. Electrospun nanofiber drug delivery systems and recent applications: An overview
Muratoglu S., Inal M., AKDAĞ ÇAYLI Y., GÜLSÜN İNAL T., ŞAHİN S.
Journal of Drug Delivery Science and Technology, vol.92, 2024 (SCI-Expanded)
- VI. Development and characterization of trimethobenzamide hydrochloride containing orally disintegrating tablets
Uluhan O. D., GÜLSÜN İNAL T., ŞAHİN S.
Journal of Drug Delivery Science and Technology, vol.88, 2023 (SCI-Expanded)
- VII. Preparation of nanosuspensions of a 1,4-dihydropyridine-based mixed L-/T-type calcium channel blocker by combined precipitation and ultrasonication methods
PEZİK E., GÜLSÜN İNAL T., GÜNDÜZ M. G., ŞAHİN S., ÖZTÜRK N., VURAL İ.
Journal of Drug Delivery Science and Technology, vol.87, 2023 (SCI-Expanded)
- VIII. The development and characterization of electrospun gelatin nanofibers containing indomethacin and curcumin for accelerated wound healing
Gulsun T., Inal M., Akdag Y., İZAT N., ÖNER L., ŞAHİN S.
Journal of Drug Delivery Science and Technology, vol.67, 2022 (SCI-Expanded)
- IX. The Organic Cation Transporter 2 Inhibitor Quinidine Modulates the Neuroprotective Effect of Nerve Growth Factor and Memantine on Cholinergic Neurons of the Basal Nucleus of Meynert in Organotypic Brain Slices
GÜLSÜN İNAL T., Ucar B., ŞAHİN S., Humpel C.
PHARMACOLOGY, vol.106, pp.390-399, 2021 (SCI-Expanded)
- X. Development and characterization of pullulan-based orally disintegrating films containing amlodipine besylate
PEZİK E., Gulsun T., ŞAHİN S., VURAL İ.
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.156, 2021 (SCI-Expanded)
- XI. Development and characterization of metformin hydrochloride- and glyburide-containing orally disintegrating tablets
GÜLSÜN İNAL T., AKDAĞ ÇAYLI Y., İZAT N., ÇETİN M., ÖNER L., ŞAHİN S.
PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, vol.25, no.8, pp.999-1009, 2020 (SCI-Expanded)
- XII. Assessment of Dose Proportionality of Rivaroxaban Nanocrystals
Demir H., GÜLSÜN İNAL T., ÖZKAN M. H., NEMUTLU E., ŞAHİN S., ÖNER L.
AAPS PHARMSCITECH, vol.21, no.6, 2020 (SCI-Expanded)
- XIII. Characterization and comparison of deferasirox fast disintegrating tablets prepared by direct compression and lyophilization methods
AKDAĞ ÇAYLI Y., GÜLSÜN İNAL T., İZAT N., ÇETİN M., ÖNER L., ŞAHİN S.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.57, 2020 (SCI-Expanded)
- XIV. Comparison of Dissolution Profiles and Apparent Permeabilities of Commercially Available Metformin Hydrochloride Tablets in Turkey
AKDAĞ ÇAYLI Y., GÜLSÜN İNAL T., İZAT N., ÖNER L., ŞAHİN S.
DISSOLUTION TECHNOLOGIES, vol.27, no.1, 2020 (SCI-Expanded)
- XV. Effect of particle size and surfactant on the solubility, permeability and dissolution characteristics of deferasirox

- Gulsun T., Akdag Y., İZAT N., ÖNER L., ŞAHİN S.
Journal of Research in Pharmacy, vol.23, no.5, pp.851-859, 2019 (SSCI)
- XVI. **Development and evaluation of terbutaline sulfate orally disintegrating tablets by direct compression and freeze drying methods**
Gulsun T., Cayli Y., İZAT N., ÇETİN M., ÖNER L., ŞAHİN S.
Journal of Drug Delivery Science and Technology, vol.46, pp.251-258, 2018 (SCI-Expanded)
- XVII. **Preparation and characterization of furosemide nanosuspensions**
GÜLSÜN İNAL T., Borna S. E., VURAL İ., ŞAHİN S.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.45, pp.93-100, 2018 (SCI-Expanded)
- XVIII. **Preparation and Characterization of Rivaroxaban Nanocrystals Prepared by Combination of Wet Ball Milling and High Pressure Homogenization Methods**
Demir H., GÜLSÜN İNAL T., ŞENER E., ŞAHİN S., ÖNER L.
LATIN AMERICAN JOURNAL OF PHARMACY, vol.37, no.12, pp.2482-2490, 2018 (SCI-Expanded)
- XIX. **Preparation and in vitro/in vivo evaluation of rofecoxib containing bovine serum albumin microspheres**
Demirturk E., Gulsun T., Cayli Y., İZAT N., ŞAHİN S., ÖNER L.
Latin American Journal of Pharmacy, vol.36, no.6, pp.1096-1104, 2017 (SCI-Expanded)
- XX. **Brain and the Drug Transporters**
GÜLSÜN İNAL T., İZAT N., ŞAHİN S.
NANOTECHNOLOGY METHODS FOR NEUROLOGICAL DISEASES AND BRAIN TUMORS: DRUG DELIVERY ACROSS THE BLOOD-BRAIN BARRIER, pp.35-67, 2017 (SCI-Expanded)
- XXI. **Preparation and evaluation of furosemide containing orally disintegrating tablets by direct compression**
Gulsun T., Ozturk N., Kaynak M. S., Vural I., Sahin S.
Pharmazie, vol.72, no.7, pp.389-394, 2017 (SCI-Expanded)
- XXII. **Development and Validation of a RP-HPLC Method for Simultaneous Determination of Metformin Hydrochloride, Phenol Red and Metoprolol Tartrate for Intestinal Perfusion Studies**
GÜLSÜN İNAL T., ŞAHİN S.
LATIN AMERICAN JOURNAL OF PHARMACY, vol.35, no.1, pp.50-57, 2016 (SCI-Expanded)
- XXIII. **Preparation and characterization of nimesulide containing nanocrystal formulations**
Gulsun T., Budak C., VURAL İ., ŞAHİN S., ÖNER L.
PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, vol.18, no.3, pp.653-659, 2013 (SCI-Expanded)
- XXIV. **Design and Characterization of Nanocrystal Formulations Containing Ezetimibe**
Gulsun T., GÜRSOY R. N., ÖNER L.
CHEMICAL & PHARMACEUTICAL BULLETIN, vol.59, no.1, pp.41-45, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **VIRTUAL BIOEQUIVALENCE APPLICATIONS IN DRUGS**
GÜLSÜN T., DEMİR H., ÖNER L.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.48, no.3, pp.1163-1179, 2024 (Scopus)
- II. **Formulation and characterization of mometasone furoate and formoterol fumarate containing dry powder inhaler by spray drying and homogenization methods**
AKDAĞ ÇAYLI Y., GÜLSÜN İNAL T., İZAT N., ÖNER L., ŞAHİN S.
JOURNAL OF RESEARCH IN PHARMACY, vol.26, no.2, pp.383-396, 2022 (ESCI)
- III. **Effect of precipitation inhibitors on supersaturation and solubility of furosemide**
GÜLSÜN İNAL T., ÖZTÜRK N., Kara A., ŞAHİN S., VURAL İ.
JOURNAL OF RESEARCH IN PHARMACY, vol.25, no.2, pp.209-217, 2021 (ESCI)
- IV. **Evaluation of preparation methods for orally disintegrating tablets**
AKDAĞ ÇAYLI Y., GÜLSÜN İNAL T., İZAT N., ÇETİN M., ÖNER L., ŞAHİN S.

- Medicine Science, vol.9, no.1, pp.259-263, 2020 (Peer-Reviewed Journal)
- V. **Evaluation of drug permeability methods recommended by health authorities**
GÜLSÜN İNAL T., ŞAHİN S.
Medicine Science, vol.9, no.1, pp.261-264, 2020 (Peer-Reviewed Journal)
- VI. **Diabetes and diabetes associated physiologic and pharmacokinetic changes Diyabet ve Diyabete Bağlı Fizyolojik ve Farmakokinetik Değişiklikler**
Gülsün T., ŞAHİN S.
Hacettepe University Journal of the Faculty of Pharmacy, vol.37, no.2, pp.105-123, 2017 (Scopus)
- VII. **Development of Type 1 and Type 2 Diabetes in Rats Using Streptozotocin and Nicotinamide/Streptozotocin**
GÜLSÜN İNAL T., ŞAHİN S.
Hacettepe University Journal of the Faculty of Pharmacy, vol.37, no.1, pp.9-17, 2017 (Peer-Reviewed Journal)
- VIII. **Diabetes and Diabetes Associated Physiologic and Pharmacokinetic Changes**
GÜLSÜN İNAL T., ŞAHİN S.
Hacettepe University Journal of the Faculty of Pharmacy, vol.37, no.2, pp.105-123, 2017 (Peer-Reviewed Journal)
- IX. **Nanocrystal Technology for Oral Delivery of Poorly Water-Soluble Drugs**
GÜLSÜN İNAL T., GÜRSOY R. N., ÖNER L.
FABAD Journal of Pharmaceutical Sciences, vol.34, no.1, pp.55-65, 2009 (Scopus)

Books

- I. **Physicochemical and Pharmacokinetic Properties of Metformin Hydrochloride**
ŞAHİN S., GÜLSÜN İNAL T.
in: The Pharmacological guide to metformin, Natalie Lajoie, Editor, Nova, pp.35-74, 2020

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Organotypic brain slice cultures**
GÜLSÜN İNAL T.
International Symposium on Pharmaceutical Sciences-13, Ankara, Turkey, 22 - 25 June 2021, (Full Text)
- II. **Biyoşdeğerlikten Vazgeçme (Biyomuafiyet) İle İlgili Güncel Rehberlerin Değerlendirilmesi**
GÜLSÜN İNAL T., ŞAHİN S.
IV. Uluslar arası Akdeniz Eczacılık Kongresi (MEDPHACON), Mersin, Turkey, 26 - 28 April 2019, vol.8, pp.33, (Summary Text)
- III. **Effects of Preparation Methods On Orally Disintegrating Tablets**
AKDAĞ ÇAYLI Y., GÜLSÜN İNAL T., İZAT N., ÇETİN M., ÖNER L., ŞAHİN S.
International Multidisciplinary Symposium on Drug Research and Development (DRD 2019), Malatya, Turkey, 1 - 03 July 2019, (Full Text)
- IV. **Evaluation of Drug Permeability Methods Recommended By Food and Drug Administration**
GÜLSÜN İNAL T., ŞAHİN S.
International Multidisciplinary Symposium on Drug Research and Development (DRD 2019), Malatya, Turkey, 1 - 03 July 2019, (Full Text)
- V. **Effects of Preparation Methods on Orally Disintegrating Tablets**
AKDAĞ ÇAYLI Y., GÜLSÜN İNAL T., İZAT N., ÇETİN M., ÖNER L., ŞAHİN S.
International Multidisciplinary Symposium on Drug Research Development (DRD 2019), 1 - 03 July 2019, (Full Text)
- VI. **Standart (iki boyutlu) hücre kültürü çalışmalarının ve üç boyutlu in vitro doku modellerinin eczacılıktaki uygulama alanları**
GÜLSÜN İNAL T., ŞAHİN S.

2. Ulusal Marmara Eczacılık Kongresi (UMEK-2), İstanbul, Turkey, 14 - 16 November 2018, (Summary Text)
- VII. **Ağız yolu ile uygulanan etkin maddelerin çözünürlük ve permeabilite özelliklerini artırmak amacıyla formülasyon geliştirme sürecinde kullanılan yöntemler**
AKDAĞ ÇAYLI Y., GÜLSÜN İNAL T., İZAT N., ŞAHİN S., ÖNER L.
2. Ulusal Marmara Eczacılık Kongresi (UMEK-2), Turkey, 14 - 16 November 2018, (Summary Text)
- VIII. **Effect of permeability enhancers on paracellular transport of furosemide across Caco-2 cell monolayers**
İZAT N., GÜLSÜN İNAL T., ŞAHİN S.
Globalization of Pharmaceutics Education Network: (GPEN-2018), Singapore, 26 September 2018, (Summary Text)
- IX. **Influence of Permeability Enhancers on the Paracellular Permeability of Metformin Hydrochloride Across Caco-2 Cells**
İZAT N., GÜLSÜN İNAL T., ŞAHİN S.
19th International Pharmaceutical Technology Symposium, 17 - 19 September 2018, (Full Text)
- X. **Development and Characterization of trimethobenzamide containing orally disintegrating tablets**
Uluhan Ö. D., GÜLSÜN İNAL T., ŞAHİN S.
19th International Pharmaceutical Technology Symposium (IPTS 2018), Antalya, Turkey, 17 September 2018, (Full Text)
- XI. **Examination intestinal permeability of metformin in the presence of glyburide and ketoconazole in Type 2 diabetes**
GÜLSÜN İNAL T., ŞAHİN S.
19th International Pharmaceutical Technology Symposium (IPTS 2018), Antalya, Turkey, 17 September 2018, (Full Text)
- XII. **Investigation of terbutaline sulfate permeability from orally disintegrating tablets**
İZAT N., AKDAĞ ÇAYLI Y., GÜLSÜN İNAL T., ÖNER L., ŞAHİN S.
2017 AAPS Annual Meeting and Exposition, 12 - 15 November 2017, (Summary Text)
- XIII. **Investigation of deferasirox permeability from lyophilized orally disintegrating tablet**
GÜLSÜN İNAL T., İZAT N., AKDAĞ ÇAYLI Y., ÖNER L., ŞAHİN S.
2017 AAPS Annual Meeting and Exposition, 12 - 15 November 2017, (Summary Text)
- XIV. **Development and Characterization of Indomethacin and Curcumin Containing Nanofibers**
İNAL M., GÜLSÜN İNAL T., İZAT N., AKDAĞ ÇAYLI Y., ÖNER L., ŞAHİN S.
GPSS 2017, 11 - 13 October 2017, (Summary Text)
- XV. **Evaluation of Spice-Drug Interactions on the Bioavailability of Orally Administered Drugs**
İZAT N., GÜLSÜN İNAL T., aksoy h., ŞAHİN S.
2nd International Gazi Pharma Symposium Series (GPSS 2017), 11 - 13 October 2017, (Summary Text)
- XVI. **Effect of repaglinide on the intestinal permeability of metformin hydrochloride in type 2 diabetic rats**
GÜLSÜN İNAL T., ŞAHİN S.
77th FIP World Congress of Pharmacy and Pharmaceutical Sciences 2017, 10 - 14 September 2017, (Summary Text)
- XVII. **Development and Evaluation of Lyophilized Orally Disintegrating Tablets Containing Metformin Hydrochloride and Glyburide**
AKDAĞ ÇAYLI Y., GÜLSÜN İNAL T., İZAT N., ÇETİN M., ÖNER L., ŞAHİN S.
77th FIP World Congress of Pharmacy and Pharmaceutical Sciences 2017, 10 - 14 September 2017, (Summary Text)
- XVIII. **Investigation of intestinal permeability of metformin hydrochloride in the presence of glyburide in type 2 diabetes**
GÜLSÜN İNAL T., ŞAHİN S.
EuroPPS-2017 International Conference on Progressive PharmSciences: Technology, Research and Development, 19 - 21 June 2017, (Summary Text)
- XIX. **Nanosüspansiyon formülasyonlarının hazırlanmaları ve karakterizasyonları**
GÜLSÜN İNAL T., borna s., ŞAHİN S.

- Anadolu Üniversitesi Eczacılık Fakültesi Sempozyumu, Turkey, 1 - 02 June 2017, (Summary Text)
- XX. **Formulation and Characterization of Mometasone Furoate Monohydrate and Formoterol Fumarate Dihydrate Containing Dry Powder Inhaler Formulations**
AKDAĞ ÇAYLI Y., GÜLSÜN İNAL T., İZAT N., ÖNER L., ŞAHİN S.
2016 AAPS Annual Meeting and Exposition, 13 - 17 November 2016, (Summary Text)
- XXI. **Development and Evaluation of Terbutaline Sulfate Containing Orally Disintegrating Tablets**
İZAT N., AKDAĞ ÇAYLI Y., GÜLSÜN İNAL T., KAYNAK M. S., ÖNER L., ŞAHİN S.
2016 AAPS Annual Meeting and Exposition, 13 - 17 November 2016, (Summary Text)
- XXII. **Evaluation of Surfactant Effect on the Saturation Solubility and Permeability of Deferasirox**
AKDAĞ ÇAYLI Y., GÜLSÜN İNAL T., İZAT N., ÖNER L., ŞAHİN S.
2016 AAPS Annual Meeting and Exposition, 13 - 17 November 2016, (Summary Text)
- XXIII. **Estimation of Rivaroxaban Nanocrystals Permeability Across Caco 2 Cell Monolayers by LC MS MS**
demir h., GÜLSÜN İNAL T., ŞENER E., ŞAHİN S., ÖNER L.
2016 AAPS Annual Meeting and Exposition, 13 - 17 November 2016, (Summary Text)
- XXIV. **Effect of Particle Size on Deferasirox Dissolution Time**
GÜLSÜN İNAL T., AKDAĞ ÇAYLI Y., İZAT N., ÖNER L., ŞAHİN S.
2016 AAPS Annual Meeting and Exposition, 13 - 17 November 2016, (Summary Text)
- XXV. **Investigation of Influence on Diabetes drug absorption and permeability**
GÜLSÜN İNAL T., ŞAHİN S.
IPTS 2016, 18 - 21 September 2016, (Full Text)
- XXVI. **Preparation and Evaluation of Lyophilized Orally Disintegrating Tablets Containing Terbutaline Sulphate**
İZAT N., AKDAĞ ÇAYLI Y., GÜLSÜN İNAL T., DEMİRTÜRK E., ÇETİN M., ÖNER L., ŞAHİN S.
18th International Pharmaceutical Technology Symposium, 18 - 21 September 2016, (Full Text)
- XXVII. **Effect of Verapamil on the Intestinal Permeability of Metformin in Type 2 Diabetic Rats and Caco 2 Cells**
GÜLSÜN İNAL T., ŞAHİN S.
IPTS 2016, 18 - 21 September 2016, (Summary Text)
- XXVIII. **Development and In vitro Evaluation of Deferasirox Orally Disintegrating Tablets by Lyophilization Method**
GÜLSÜN İNAL T., İZAT N., AKDAĞ ÇAYLI Y., DEMİRTÜRK E., ÇETİN M., ÖNER L., ŞAHİN S.
18th International Pharmaceutical Technology Symposium, 18 - 21 September 2016, (Full Text)
- XXIX. **BCS BDDCS and Grapefruit Juice Drug Interactions**
şit b., GÜLSÜN İNAL T., ŞAHİN S.
IPTS 2016, 18 - 21 September 2016, (Full Text)
- XXX. **Development and Validation of an HPLC Method for Determination of Rofecoxib**
DEMİRTÜRK E., İZAT N., AKDAĞ ÇAYLI Y., GÜLSÜN İNAL T., ŞAHİN S., ÖNER L.
18th International Pharmaceutical Technology Symposium, 18 - 21 September 2016, (Full Text)
- XXXI. **Influence of Verapamil On Metformin Permeability Across Caco 2 Cells**
GÜLSÜN İNAL T., İZAT N., AKDAĞ ÇAYLI Y., ÖNER L., ŞAHİN S.
1st International Gazi Pharma Symposium Series, 12 - 15 November 2015, (Summary Text)
- XXXII. **Evaluation of Dissolution Results of Commercially Available Metformin Hydrochloride Tablets**
İZAT N., AKDAĞ ÇAYLI Y., GÜLSÜN İNAL T., ÖNER L., ŞAHİN S.
2015 AAPS Annual Meeting and Exposition, 25 - 29 October 2015, (Summary Text)
- XXXIII. **Development of Metformin Hydrochloride and Glyburide Containing Orally Disintegrating Tablets**
GÜLSÜN İNAL T., İZAT N., AKDAĞ ÇAYLI Y., KAYNAK M. S., ÖNER L., ŞAHİN S.
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- XXXIV. **Preparation and Evaluation of Deferasirox Containing Orally Disintegrating Tablets by Direct Compression Method**
AKDAĞ ÇAYLI Y., GÜLSÜN İNAL T., İZAT N., ŞAHİN S., ÖNER L.
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- XXXV. Development of Type 1 and Type 2 Diabetes Mellitus in Rats Using Streptozotocin and Nicotinamide Streptozocin**
GÜLSÜN İNAL T., muhammed karim h., KÖSEMEHMETOĞLU K., ŞAHİN S.
2015 AAPS Annual Meeting and Exposition, orlando, United States Of America, 25 - 29 October 2015, (Summary Text)
- XXXVI. Preparation and Characterization of Rivaroxaban Nanocrystals**
demir h., GÜLSÜN İNAL T., ŞAHİN S., ÖNER L.
6th BBBB Conference on Pharmaceutical Sciences Strategies to Improve The Quality and Performance of Modern Drug Delivery Systems, Helsinki, Finland, 10 - 12 September 2015, (Summary Text)
- XXXVII. Permeability studies of orally disintegrating tablets containing deferasirox**
ŞAHİN S., AKDAĞ ÇAYLI Y., GÜLSÜN İNAL T., İZAT N., ÖNER L.
6th BBBB Conference on Pharmaceutical Sciences, 10 - 12 September 2015, (Summary Text)
- XXXVIII. Investigation of permeabilities of metformin and glyburide from orally disintegrating tablets**
ŞAHİN S., GÜLSÜN İNAL T., İZAT N., AKDAĞ ÇAYLI Y., ÖNER L.
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- XXXIX. Investigation of metformin permeability from commercially available metformin hydrochloride tablets**
ŞAHİN S., İZAT N., AKDAĞ ÇAYLI Y., GÜLSÜN İNAL T., ÖNER L.
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- XL. Formulation and In Vitro Evaluation of Furosemide Nanosuspensions**
GÜLSÜN İNAL T., sahand ebadi b., VURAL İ., ŞAHİN S.
1st European Conference on Pharmaceutics : Drug Delivery, Reims, France, 13 - 14 April 2015, (Summary Text)
- XLI. Development of Orally Disintegrating Tablets Containing Olmesartan Medoxomil and Amlodipine Besylate**
ÖZTÜRK N., GÜLSÜN İNAL T., KAYNAK M. S., VURAL İ., ŞAHİN S.
AAPS Annual Meeting and Exposition, san diego, United States Of America, 2 - 06 November 2014, (Summary Text)
- XLII. Effect of Precipitation Inhibitors on Supersaturation and Solubility of Furosemide**
ÖZTÜRK N., KARA A., GÜLSÜN İNAL T., PEHLİVAN S., VURAL İ., ŞAHİN S.
AAPS Annual Meeting and Exposition, san diego, United States Of America, 2 - 06 November 2014, (Summary Text)
- XLIII. Effect of Milling Time on the Formulation Parameters of Nanosuspensions**
GÜLSÜN İNAL T., ÖZTÜRK N., PEHLİVAN S., ŞAHİN S., VURAL İ.
AAPS Annual Meeting and Exposition, San diego, United States Of America, 2 - 06 November 2014, (Summary Text)
- XLIV. Preparation and Evaluation of Furosemide Containing Orally Disintegrating Tablets by Direct Compression**
GÜLSÜN İNAL T., ÖZTÜRK N., KAYNAK M. S., ŞAHİN S., VURAL İ.
AAPS Annual Meeting and Exposition, san diego, United States Of America, 2 - 06 November 2014, (Summary Text)
- XLV. Development and Validation of a RP HPLC Method for Simultaneous Determination of Metformin Hydrochloride Phenol Red and Metoprolol Tartrate**
GÜLSÜN İNAL T., ŞAHİN S.
AAPS Annual Meeting and Exposition, san diego, United States Of America, 2 - 06 November 2014, (Summary Text)
- XLVI. Preparation and In vitro Evaluation of Furosemide Nanosuspensions for Enhancement of its Solubility and Permeability**
GÜLSÜN İNAL T., sahand ebadi b., GÜRSOY R. N., VURAL İ., ŞAHİN S.
17th International Pharmaceutical Technology Symposium, Antalya, Turkey, 8 - 10 September 2014, (Summary Text)
- XLVII. Comparison of Furosemide Nanocrystals and Nanosuspensions in Terms of Solubility and Permeability**
ÖZTÜRK N., GÜLSÜN İNAL T., ŞAHİN S., VURAL İ.
17th International Pharmaceutical Technology Symposium, Antalya, Turkey, 8 - 10 September 2014, (Summary Text)
- XLVIII. Ezetimib Nanokristallerinin Hazırlanması için Yöntem ve Farmasötik Formülasyonları**

- GÜLSÜN İNAL T., GÜRSOY R. N., ÖNER L.
2. Ege Ar-ge ve Teknoloji Günleri, İzmir, Turkey, 28 - 30 November 2012, (Summary Text)
- XLIX. Preparation and Characterization of Furosemide Nanosuspensions**
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- L. Preparation of Furosemide Nanosuspensions by High Pressure Homogenization and Its In vivo Characterization**
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- LI. Nanokristal teknolojisi kullanılarak suda çözünürlüğü zayıf olan ezetimibin biyoyararlanımının artırılması**
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- LII. Improving Dissolution Profile of Poorly Water soluble Drug Ezetimibe Using Nanocrystal Tablet Formulations**
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- LV. Improving Dissolution Profile of Ezetimibe**
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- ÇANKAYA İ. İ., UÇAR G., NİĞİZ Ş., GÜLPINAR A. R., DURKAYA K., BOZKURT BAKAL S., KAYAALP K., ASLAN ERDEM S., MELEK İ., SABUNCUOĞLU S., et al., Project Supported by Higher Education Institutions, Türkiyede yaygın olarak yetişen Achillea millefolium L bitkisinden premenstrual semptomların giderilmesinde kullanılmak üzere geleneksel bitkisel tıbbi ürün geliştirilmesi, 2022 - Continues
- Deliloğlu A., Göktaş Z., Öztürk S. C., Gülsün İnal T., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Yüksek Yağlı Diyetle Beslenen Farelerde Hesperidin Fitokimyasalı ile Obetikolik Asit Kullanımının Karaciğer Yağlanması Üzerine Etkisinin İncelenmesi, 2024 - 2024
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VURAL İ., GÜLSÜN İNAL T., ŞAHİN S., GÜNDÜZ M. G., PEZİK E., Project Supported by Higher Education Institutions, Hipertansiyon Tedavisinde Etkili Yeni Sentezlenen ve Çözünürlük Sorunu Olan 1,4-Dihidropiridin Türevli Madde Üzerinde Önformülasyon Çalışmaları, 2019 - 2022

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ŞAHİN S., GÜLSÜN İNAL T., Project Supported by Higher Education Institutions, İlaçların absorpsiyonu ve permeabilitesi üzerine diyabetin etkisinin incelenmesi, 2016 - 2016

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TUBITAK Project, Nanoteknoloji uygulaması ile ilaç biyoyararlanımının artırılması, 2007 - 2009

Metrics

Publication: 95
Citation (WoS): 97
Citation (Scopus): 189
H-Index (WoS): 5
H-Index (Scopus): 8

Non Academic Experience

SAĞLIK BAKANLIĞI, Türkiye İlaç ve Tıbbi Cihaz Kurumu, Biyoyararlanım- Biyoşdeğerlik Komisyonu Üyesi
Medical University of Innsbruck, Doktora sonrası araştırmacı
Yakın Doğu Üniversitesi Eczacılık Fakültesi, Laboratuvar eğitimlerine destek olmak üzere araştırma görevlisi olarak
İnönü Üniversitesi Eczacılık Fakültesi, Laboratuvar eğitimlerine destek olmak üzere araştırma görevlisi olarak
ankara üniversitesi ibn-i sina hastanesi, eczacı