

Assoc. Prof. TUBA İNCEÇAYIR

Personal Information

Office Phone: [+90 312 202 3057](tel:+903122023057)

Fax Phone: [+90 312 212 7958](tel:+903122127958)

Email: tincecayir@gazi.edu.tr

Web: <https://avesis.gazi.edu.tr/tincecayir>

Address: Gazi Üniversitesi Eczacılık Fakültesi F.Teknoloji AbD. 06330 Etiler Ankara

Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (Dr), Turkey 2004 - 2010

Post Graduate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (YI) (Tezli), Turkey 2001 - 2004

Under Graduate, Gazi University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 1997 - 2001

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Topikal farmakokinetik ve biyoeşdeğerlik çalışmalarında bantla soyma ve mikrodiyaliz yöntemlerinin karşılaştırılması, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (Dr), 2010

Post Graduate, Lamotrijinin sağlıklı gönüllülerde tükrük ve plazma profili ve farmakokinetik modellemesi, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (YI) (Tezli), 2004

Research Areas

Pharmacology and Therapeutics

Academic Titles / Tasks

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

Research Assistant, Gazi University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2002 - 2019

Academic and Administrative Experience

Anabilim Dalı Akademik Kurul Üyesi, Gazi University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2017 - Continues

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

Courses

TEMEL FARMAKOKİNETİK VE BİYOFARMASÖTİK- FTE 1140, Post Graduate, 2017 - 2018
ÇÖZÜNME HIZI VE İLAÇ ŞEKİLLERİNDEN SALIM KİNETİĞİ -FTE 2170, Post Graduate, 2017 - 2018
ÇÖZÜNME VE SALIM KİNETİKLERİ-UYGULAMA-FTE 2171, Post Graduate, 2017 - 2018
KİNETİK PRENSİPLER VE STABİLİTE- FTE 1130, Post Graduate, 2017 - 2018

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **pH-dependent dissolution behavior of a weakly basic BCS class II drug, clopidogrel**
İNCEÇAYIR T., Olgac S., Yildiz A., Saar S., KODAN E.
Latin American Journal of Pharmacy, vol.38, no.10, pp.1921-1928, 2019 (Journal Indexed in SCI Expanded)
- II. **Assessment of the potential drug-drug interaction between carvedilol and clopidogrel mediated through intestinal P-glycoprotein**
İNCEÇAYIR T., Ilbasmis-Tamer S., Tirnaksiz F., Degim T.
PHARMAZIE, vol.71, no.8, pp.472-477, 2016 (Journal Indexed in SCI)
- III. **Carrier-Mediated Prodrug Uptake to Improve the Oral Bioavailability of Polar Drugs: An Application to an Oseltamivir Analogue**
İNCEÇAYIR T., Sun J., Tsume Y., Xu H., Gose T., Nakanishi T., Tamai I., Hilfinger J., Lipka E., Amidon G. L.
JOURNAL OF PHARMACEUTICAL SCIENCES, vol.105, no.2, pp.925-934, 2016 (Journal Indexed in SCI)
- IV. **The effects of surfactants on the solubility and dissolution profiles of a poorly water-soluble basic drug, carvedilol**
İNCEÇAYIR T.
PHARMAZIE, vol.70, no.12, pp.784-790, 2015 (Journal Indexed in SCI)
- V. **The development of orally administrable gemcitabine prodrugs with D-enantiomer amino acids: Enhanced membrane permeability and enzymatic stability**
Tsume Y., İNCEÇAYIR T., Song X., Hilfinger J. M. , Amidon G. L.
EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS, vol.86, no.3, pp.514-523, 2014 (Journal Indexed in SCI)
- VI. **Comparison of the Permeability of Metoprolol and Labetalol in Rat, Mouse, and Caco-2 Cells: Use as a Reference Standard for BCS Classification**
İNCEÇAYIR T., Tsume Y., Amidon G. L.
MOLECULAR PHARMACEUTICS, vol.10, no.3, pp.958-966, 2013 (Journal Indexed in SCI)
- VII. **Assessment of Topical Bioequivalence Using Dermal Microdialysis and Tape Stripping Methods**
İNCEÇAYIR T., Agabeyoglu I., DERİCİ Ü., Sindel S.
PHARMACEUTICAL RESEARCH, vol.28, no.9, pp.2165-2175, 2011 (Journal Indexed in SCI)
- VIII. **Comparison of plasma and saliva concentrations of lamotrigine in healthy volunteers**
İNCEÇAYIR T., Agabeyoglu I., Gucuyener K.
ARZNEIMITTEL-FORSCHUNG-DRUG RESEARCH, vol.57, no.8, pp.517-521, 2007 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Validated High Performance Liquid Chromatographic Method for the Determination of Lamotrigine in Human Plasma and Saliva**
İNCEÇAYIR T., AGABEYOGLU I.
TURKISH J PHARM SCI, vol.7, no.3, pp.213-224, 2010 (Other Refereed National Journals)
- II. **In Vitro Comparison of O W Type Emulsion Gel and Liposome Gel for Cosmetic Application of Kinetin**
AKKUS ARSLAN S., İNCEÇAYIR T., TIRNAKSIZ F. F.
Arzneimittel-Forschung-Drug Research, vol.35, pp.35-44, 2010 (Other Refereed National Journals)
- III. **Pharmacokinetic Modelling of Lamotrigine from Plasma Concentrations in Healthy Volunteers**
AGABEYOGLU I., İNCEÇAYIR T.

J BIOANAL BIOMED, vol.1, no.1, pp.41-45, 2009 (Refereed Journals of Other Institutions)

IV. Bioavailability File Lamotrigine

İNCEÇAYIR T., AGABEYOĞLU I.

FABAD J PHARM SCI., vol.31, no.3, pp.163-179, 2006 (Other Refereed National Journals)

Books & Book Chapters

I. Farmasötik Teknoloji Laboratuvar Kitabı

ACARTÜRK F., AĞABEYOĞLU T. İ. , ÇELEBİ F. N. , DEĞİM İ. T. , DEĞİM Z., DOĞANAY T., TAKKA S., TEKSİN Z. Ş. ,
TIRNAKSIZ F. F. , AKKUŞ ARSLAN Ş., et al.

Şafak Matbaacılık, 2007

Refereed Congress / Symposium Publications in Proceedings

I. 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., YILMAZ USTA D., ERMAN N. A. , İNCEÇAYIR T., TEKSİN Z. Ş.

13th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 22 - 25 June 2021

II. Development of a Biphasic In Vitro Dissolution Test for the Immediate Release Formulation of Lamotrigine and Its Relevance to In Vivo Absorption

DEMİR M. E. , İNCEÇAYIR T.

8th BBBB (Bosphorus Bled Balaton Baltic) International Conference on Pharmaceutical Sciences, Çeşme, İzmir, Turkey, October 14-16, 2019, 14 - 16 October 2019

III. Karvedilol Tablet Formülasyonlarının İn Vivo Performanslarının İn Vitro Çözünme Hızı Verileri Kullanılarak Tahmin Edilmesi

İNCEÇAYIR T.

Ulusal Marmara Eczacılık Kongresi (UMEK-2), Kadıköy Belediyesi Kozyatağı Kültür Merkezi, İstanbul, syf. 86, 14-16 Kasım 2018, Turkey, 14 - 16 November 2018

IV. 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

V. 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

VI. pH-Dependent Dissolution Behavior Of a Weakly Basic BCS Class II Drug, Clopidogrel

Olğaç S., Yıldız A., SAAR S., KODAN E., İNCEÇAYIR T.

12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018

VII. Role of Surfactants and pH on Dissolution Property of Carvedilol

İNCEÇAYIR T.

International Gazi Pharma Symposium Series (GPSS), Belek, Antalya, Turkey, November 12-15, 2015, Antalya, Turkey, 12 - 15 November 2015

VIII. Role of Efflux Transport in Limiting Intestinal Permeability of Carvedilol and Clopidogrel Potential Drug Drug Interaction Mediated through P Glycoprotein

İNCEÇAYIR T., İLBASMIŞ TAMER S., TIRNAKSIZ F. F. , DEĞİM İ. T.

AAPS Annual Meeting, World Congress in Association with the AAPS Annual Meeting and Exposition, Orlando/Florida, United States Of America, 23 - 29 October 2015

- IX. P Glycoprotein Mediated Efflux Transport Of Clopidogrel Across Rat Intestine**
İNCEÇAYIR T., İLBASMIŞ TAMER S., TIRNAKSIZ F. F. , DEĞİM İ. T.
ISOPS 11th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 9 - 12 June 2015, pp.51-52
- X. Carrier Mediated Prodrug Transport of an Osetamivir Analogue**
İNCEÇAYIR T., AĞABEYOĞLU T. İ. , DERİCİ Ü., SİNDEL Ş.
AAPS Annual Meeting, Henry B. Gonzalez Convention Center, San Antonio, USA, November 10-14, 2013, San-Antonio, Northern Mariana Islands, 10 - 14 November 2013
- XI. Development of Oral Prodrugs of Gemcitabine for Improved Intestinal Membrane Permeability**
İNCEÇAYIR T., AĞABEYOĞLU T. İ. , DERİCİ Ü., SİNDEL Ş.
AAPS Annual Meeting, Henry B. Gonzalez Convention Center, San Antonio, USA, November 10-14, 2013, San-Antonio, Northern Mariana Islands, 10 - 14 November 2013
- XII. Assessment of in Vitro and in Vivo Recovery of Oxytetracycline through a Microdialysis Probe**
İNCEÇAYIR T., AĞABEYOĞLU T. İ. , DERİCİ Ü., SİNDEL Ş.
AAPS Annual Meeting, Henry B. Gonzalez Convention Center, San Antonio, USA, November 10-14, 2013, San-Antonio, Northern Mariana Islands, 10 - 14 November 2013
- XIII. Comparison of the Permeability of Metoprolol and Labetalol in Rat Mouse and Caco 2 Cells Use as a Reference Standard for BCS Classification**
İNCEÇAYIR T., AĞABEYOĞLU T. İ. , DERİCİ Ü., SİNDEL Ş.
AAPS Annual Meeting, McCormick Place, Chicago, USA, October 14-18, 2012, Chicago, United States Of America, 14 - 18 October 2012
- XIV. Microdialysis Assessment of Oxytetracycline HCl Topical Formulations for Bioequivalence**
İNCEÇAYIR T., AĞABEYOĞLU T. İ. , DERİCİ Ü., SİNDEL Ş.
FIP Pharmaceutical Sciences 2010 World Congress in association with the AAPS Annual Meeting, Ernest N. Morial Convention Center, New Orleans, Louisiana, USA, November 14-18, 2010, Louisiana, United States Of America, 14 - 18 November 2010
- XV. Bioequivalence of Topical Formulations in Humans by Dermatopharmacokinetics**
İNCEÇAYIR T., AĞABEYOĞLU T. İ. , DERİCİ Ü., SİNDEL Ş.
15th International Pharmaceutical Technology Symposium (IPTS-2010), Antalya, Turkey, September 13-15, 2010, Antalya, Turkey, 13 - 15 September 2010
- XVI. UPLC MS MS Method for the Determination of Oxytetracycline HCl in Dialysates**
İNCEÇAYIR T., AĞABEYOĞLU T. İ. , DERİCİ Ü., SİNDEL Ş.
International Post-graduate Student Meeting on Pharmaceutical Sciences (IPSMPS 2010), Cesme, Izmir, Turkey, June 24-27, 2010, Izmir, Turkey, 24 - 27 June 2010
- XVII. Dermatopharmacokinetics of Oxytetracycline Hydrochloride Ointment in Human Stratum Corneum**
İNCEÇAYIR T., AĞABEYOĞLU T. İ. , DERİCİ Ü., SİNDEL Ş.
International Symposium on Biotechnology: Development and Trends, Middle East Technical University, Ankara, Turkey, September 27-30, 2009, Ankara, Turkey, 27 - 30 September 2009
- XVIII. Oksitetrasiklin Hidroklorürün Mikrodiyaliz Örneklerinde Tayini İçin Valide Edilmiş Bir Ters Faz Yüksek Basınç Sıvı Kromatografi HPLC Yöntemi**
İNCEÇAYIR T., AĞABEYOĞLU T. İ. , DERİCİ Ü., SİNDEL Ş.
14. Biyomedikal Mühendisliği Ulusal Toplantısı (Biyomut 2009), Dokuz Eylül Üniversitesi Tıp Fakültesi, İzmir, 20-24 Mayıs 2009., İzmir, Turkey, 20 - 24 May 2009
- XIX. Ters Faz Yüksek Basınç Sıvı Kromatografisi HPLC Kullanılarak Tükrük Lamotrijin Derişimlerinin Ölçülmesi**
İNCEÇAYIR T., AĞABEYOĞLU T. İ. , DERİCİ Ü., SİNDEL Ş.
13. Biyomedikal Mühendisliği Ulusal Toplantısı (Biyomut-2008), ODTÜ Kültür ve Kongre Merkezi, Ankara, 29-31 Mayıs 2008., Ankara, Turkey, 29 - 31 May 2008
- XX. Validated High Performance Liquid Chromatographic Method for the Determination of Lamotrigine in Human Plasma**
İNCEÇAYIR T., AĞABEYOĞLU T. İ. , DERİCİ Ü., SİNDEL Ş.
13th International Pharmaceutical Technology Symposium (IPTS-2006), Antalya, Turkey, September 10-13, 2006,

Antalya, Turkey, 10 - 13 September 2006

XXI. Comparison of Plasma and Saliva Concentrations of Lamotrigine in Healthy Volunteers

İNCEÇAYIR T., AĞABEYOĞLU T. İ. , DERİCİ Ü., SİNDEL Ş.

AAPS Annual Meeting, Gaylord Opryland Resort and Convention Center, Nashville, Tennessee, USA , November 6-10, 2005, Nashville, United States Of America, 6 - 10 November 2005

Memberships / Tasks in Scientific Organizations

Türk Farmasötik Teknoloji Araştırmacıları Derneği (TÜFTAD), Board Member, 2017 - Continues, Turkey

• American Association of Pharmaceutical Scientists (AAPS), Principal Member, 2005 - Continues, United States Of America

Farmasötik Bilimler Ankara Derneği (FABAD), Principal Member, 2002 - Continues, Turkey

Scientific Refereeing

JOURNAL OF RESEARCH IN PHARMACY (ONLINE), National Scientific Refreed Journal, January 2021

FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, September 2020

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, April 2020

Istanbul Journal of Pharmacy, National Scientific Refreed Journal, January 2020

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, January 2019

FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, January 2019

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, June 2017

FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, January 2017

Citations

Total Citations (WOS):120

h-index (WOS):6