

Prof. Alper OKYAR

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Education Information

Doctorate, Istanbul University, Sağlık Bil. Ens., Farmakoloji Anabilim Dalı, Turkey 1997 - 2004

Postgraduate, Istanbul University, Sağlık Bil. Ens., Farmakoloji Anabilim Dalı, Turkey 1995 - 1997

Undergraduate, Istanbul University, Faculty Of Pharmacy , Turkey 1990 - 1994

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Deney Hayvanları Kullanım Kursu, İÜ Hayvan Deneyleri Yerel Etik Kurul Başkanlığı, 2011

Education Management and Planning, Klinik Araştırmalarda Etik Yaklaşım Kursu, TC Sağlık Bak. İlaç ve Eczacılık Genel Müd., 2009

Education Management and Planning, VIII. Uluslararası Kronofarmakoloji Kursu, Ruprecht-Karls Üniversitesi Heidelberg, 2007

Education Management and Planning, XII. Uygulamalı Flow Sitometri Eğitimi, İstanbul Üniversitesi Deneysel Tıp Araştırma Enstitüsü (DETAE), 2006

Dissertations

Doctorate, Vinblastin ve atorvastatinin P-glikoprotein üzerinden talinolol farmakokinetiğini değiştirmesinin incelenmesi , Istanbul University, Sağlık Bil. Ens., Farmakoloji Anabilim Dalı, 2004

Postgraduate, Setirizinin psikomotor performans etkisinin psikometrik testlerle incelenmesi , Istanbul University, Sağlık Bil. Ens., Farmakoloji Anabilim Dalı, 1997

Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmacology

Academic Titles / Tasks

Professor, Istanbul University, Faculty of Pharmacy , Department of Professional Pharmaceutical Sciences, 2018 - Continues

Associate Professor, Istanbul University, Faculty of Pharmacy , Department of Professional Pharmaceutical Sciences, 2012 - 2018

Assistant Professor, Istanbul University, Faculty of Pharmacy , Department of Professional Pharmaceutical Sciences, 2006 - 2014

Research Assistant PhD, Istanbul University, Faculty of Pharmacy , Department of Professional Pharmaceutical Sciences, 2004 - 2006

Research Assistant, Istanbul University, Faculty of Pharmacy , Department of Professional Pharmaceutical Sciences, 1996 - 2006

Academic and Administrative Experience

Ethics Committee Member, Istanbul University, 2019 - Continues

İstanbul Üniversitesi, Teknoloji Transfer Uygulama Ve Araştırma Merkezi, 2019 - Continues

İstanbul Üniversitesi, İü Teknoloji Transfer Merkezi , 2015 - Continues

Rector's Advisor, Istanbul University, 2019 - 2023

Courses

Farmakoloji-I, Undergraduate, 2015 - 2016

Sempatik Sinir Sistemi Farmakolojisi, Doctorate, 2015 - 2016

Farmakoloji-III, Undergraduate, 2015 - 2016

Su Ürünlerinde Farmakoloji, Undergraduate, 2015 - 2016

İleri Farmakolojik Deney Teknikleri, Doctorate, 2015 - 2016

Nörofarmakoloji, Doctorate, 2014 - 2015

Otakoidler, Doctorate, 2014 - 2015

Farmakokinetik , Postgraduate, 2013 - 2014

Su Ürünlerinde Farmakoloji, Undergraduate, 2014 - 2015

Bilimsel Sunum teknikleri, Postgraduate, 2013 - 2014

Farmakoloji-II, Undergraduate, 2013 - 2014

Farmakoterapi-I, Undergraduate, 2013 - 2014

Klinik eczacılık, Undergraduate, 2013 - 2014

Farmakoloji-II, Undergraduate, 2013 - 2014

Advising Theses

OKYAR A., mTOR inhibitörü everolimusun faredeki kronofarmakokinetiği, Doctorate, D.Öztürk(Student), 2019

Okyar A., mTOR İnhibitörü Everolimusun Yaşa Bağlı Farmakinetiğinin İncelenmesi, Postgraduate, F.Öztürk(Student), 2019

OKYAR A., mTOR İNHİBİTÖRÜ EVEROLİMUSUN KRONOTOKSİSİTESİNİN FARELERDE İNCELENMESİ, Doctorate, N.Öztürk(Student), 2015

OKYAR A., P-glikoprotein substratı talinololün dişi ve erkek farelerdeki farmakokinetiği, Postgraduate, D.Öztürk(Student), 2014

OKYAR A., Barnidipin ve talinolol arasındaki P-glikoproteine bağlı olası bir farmakokinetik etkileşmenin incelenmesi, Postgraduate, N.Öztürk(Student), 2010

OKYAR A., Tiyapfenik asidin sıçan derisinden penetrasyonunun in vitro ve in vivo incelenmesi, Postgraduate, M.Nuriyev(Student), 2009

Jury Memberships

Doctorate, Tez Savunma Jürisi, Marmara Üniversitesi Tıp Fakültesi, October, 2017

Doctorate, Tez Savunma Jürisi, İstanbul Üniversitesi Eczacılık Fakültesi, June, 2015

Appointment to Academic Staff-Assistant Professorship, Yrd. Doç. Kadro Ataması, İstanbul Üniversitesi Eczacılık Fakültesi, April, 2015

Post Graduate, Tez Savunma Sınavı Jürisi, İstanbul Üniversitesi Sağlık Bilimleri Enstitüsü, January, 2015

Doctoral Examination, Doktora Yeterlik Sınavı, İstanbul Üniversitesi Sağlık Bilimleri Enstitüsü, June, 2014

Doctoral Examination, Doktora Yeterlik Sınavı, İstanbul Üniversitesi Sağlık Bilimleri Enstitüsü, June, 2013

Post Graduate, Tez Savunma Sınavı Jürisi, İstanbul Üniversitesi Sağlık Bilimleri Enstitüsü, April, 2013

Appointment to Academic Staff-Assistant Professorship, Yrd. Doç. Kadro Ataması, İstanbul Üniversitesi Eczacılık Fakültesi, May, 2012

Doctorate, Tez Savunma Sınavı Jürisi, İstanbul Üniversitesi Sağlık Bilimleri Enstitüsü, July, 2010

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The effect of biocompatible carriers with vitamin D and platelet-rich plasma (PRP) on bone defects"**
Yaltrık M., Okyar A., Dirican A., Özsoy Y., Güngör S., Turgut C. T., Kotil T., Öztürk Civelek D.
HIPPOKRATIA, vol.27, no.2, pp.48-56, 2024 (SCI-Expanded)
- II. **Dosing-time, feeding, and sex-dependent variations of everolimus pharmacokinetics in mice.**
Ozturk Civelek D., Ozturk Seyhan N., Akyel Y. K., Gazioglu I., Pala Kara Z., Orman M. N., Okyar A.
Fundamental & clinical pharmacology, 2024 (SCI-Expanded)
- III. **Circadian Regulation of Drug Responses: Toward Sex-Specific and Personalized Chronotherapy**
Lévi F. A., OKYAR A., Hadadi E., Innominato P. F., Ballesta A.
Annual review of pharmacology and toxicology, vol.64, pp.89-114, 2024 (SCI-Expanded)
- IV. **The role of the circadian timing system on drug metabolism and detoxification: an update**
OKYAR A., ÖZTÜRK CİVELEK D., AKYEL Y. K., Surme S., PALA KARA Z., Kavaklı İ. H.
Expert Opinion on Drug Metabolism and Toxicology, vol.20, no.6, pp.503-517, 2024 (SCI-Expanded)
- V. **TW68, cryptochromes stabilizer, regulates fasting blood glucose levels in diabetic ob/ob and high fat-diet-induced obese mice**
Surme S., Ergun C., Gul S., AKYEL Y. K., Gul Z. M., Ozcan O., Ipek O. S., Akarlar B. A., Ozlu N., TAŞKIN A. C., et al.
Biochemical Pharmacology, vol.218, 2023 (SCI-Expanded)
- VI. **Induction of humoral and cell-mediated immunity in mice by chitosan-curdlan composite nanoparticles administered intranasally and subcutaneously**
SESSEVMEZ M., Sinani G., OKYAR A., Alpar H. O., CEVHER E.
Journal of Drug Delivery Science and Technology, vol.86, 2023 (SCI-Expanded)
- VII. **Therapeutic Effect of C-Vx Substance in K18-hACE2 Transgenic Mice Infected with SARS-CoV-2**
Ulbeği Polat H., Abacı I., Tas Ekiz A., Aksoy O., ÖKTELİK F. B., YILMAZ V., Tekin S., OKYAR A., Oncul O., DENİZ G.
International Journal of Molecular Sciences, vol.24, no.15, 2023 (SCI-Expanded)
- VIII. **Circadian Dysfunction in Adipose Tissue: Chronotherapy in Metabolic Diseases**
CİVELEK E., ÖZTÜRK CİVELEK D., AKYEL Y. K., KALELİ DURMAN D., OKYAR A.
Biology, vol.12, no.8, 2023 (SCI-Expanded)

- IX. **Modulation of monepantel secretion into milk by soy isoflavones**
GÜNEŞ Y., Okyar A., Krajcsi P., Fekete Z., ÜSTÜNER O.
JOURNAL OF VETERINARY PHARMACOLOGY AND THERAPEUTICS, vol.46, no.3, pp.185-194, 2023 (SCI-Expanded)
- X. **The effect of biocompatible carriers with vitamin D and platelet-rich plasma (PRP) on bone defects**
Yaltrık M., Okyar A., Erginer Y., Öztürk Civelek D., Kotil T., Dirican A., Güngör S., Turgut C. T.
HIPPOKRATIA, vol.27, no.2, pp.48-56, 2023 (SCI-Expanded)
- XI. **Diurnal Changes in Capecitabine Clock-Controlled Metabolism Enzymes Are Responsible for Its Pharmacokinetics in Male Mice**
Akyel Y. K., Ozturk Civelek D., Ozturk Seyhan N., Gul Ş., Gazioglu I., Pala Kara Z., Lévi F., Kavakli I. H., Okyar A.
JOURNAL OF BIOLOGICAL RHYTHMS, vol.38, no.2, pp.171-184, 2023 (SCI-Expanded)
- XII. **Discovery of a small molecule that selectively destabilizes Cryptochrome 1 and enhances life span in *p53* knockout mice**
Gul Ş., Akyel Y. K., Gul Z. M., Isin S., Ozcan O., Korkmaz T., Selvi S., Danis I., Ipek O. S., Aygenli F., et al.
NATURE COMMUNICATIONS, vol.13, no.1, 2022 (SCI-Expanded)
- XIII. **Dosing-time dependent testicular toxicity of everolimus in mice**
Ozturk N., Civelek D. O., Sancar S., Kaptan E., Kara Z., Okyar A.
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.165, 2021 (SCI-Expanded)
- XIV. **In silico identification of widely used and well-tolerated drugs as potential SARS-CoV-2 3C-like protease and viral RNA-dependent RNA polymerase inhibitors for direct use in clinical trials**
Gul Ş., Ozcan O., Asar S., OKYAR A., Baris I., Kavakli I. H.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.39, no.17, pp.6772-6791, 2021 (SCI-Expanded)
- XV. **The effects of P-glycoprotein inhibitor zosuquidar on the sex and time-dependent pharmacokinetics of parenterally administered talinolol in mice**
Pala K., Ozturk C., Ozturk N., Okyar A.
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.156, 2021 (SCI-Expanded)
- XVI. **Reproductive effects of subchronic exposure to acetamiprid in male rats**
Arıcan E., Gökçeoğlu K., Ulus K., Boran T., Öztürk N., Okyar A., Ercan F., Özhan G.
SCIENTIFIC REPORTS, vol.10, no.1, 2020 (SCI-Expanded)
- XVII. **Effects of atorvastatin on talinolol absorption: A potential drug-drug interaction.**
Kara Z., Ozturk D., Ozturk N., Orman M., Baktir G., Okyar A.
Die Pharmazie, vol.75, pp.70-74, 2020 (SCI-Expanded)
- XVIII. **A CLOCK-binding small molecule disrupts the interaction between CLOCK and BMAL1 and enhances circadian rhythm amplitude.**
Doruk Y., Yarparvar D., Akyel Y., Gul Ş., Taskin A. C., Yilmaz F., Baris I., Ozturk N., Türkay M., Ozturk N., et al.
The Journal of biological chemistry, vol.295, no.11, pp.3518-3531, 2020 (SCI-Expanded)
- XIX. **Toxic effects of subchronic oral acetamiprid exposure in rats**
Karaca B. U., Arıcan Y. E., Boran T., Binay S., Okyar A., Kaptan E., Ozhan G.
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.35, pp.679-687, 2019 (SCI-Expanded)
- XX. **Sex-, feeding-, and circadian time-dependency of P-glycoprotein expression and activity - implications for mechanistic pharmacokinetics modeling.**
Okyar A., Kumar S. A., Filipski E., Piccolo E., Ozturk N., Xandri-Monje H., Pala Z., Abraham K., Gomes A. R. G. D. J., Orman M. N., et al.
Scientific reports, vol.9, pp.10505, 2019 (SCI-Expanded)
- XXI. **Gliclazide alone or in combination with atorvastatin ameliorated reproductive damage in streptozotocin-induced type 2 diabetic male rats**
Oztas E., YILMAZ T. E., GUZEL E., SEZER Z., Okyar A., Ozhan G.
SAUDI PHARMACEUTICAL JOURNAL, vol.27, no.3, pp.422-431, 2019 (SCI-Expanded)
- XXII. **The immune system as a chronotoxicity target of the anticancer mTOR inhibitor everolimus**
Ozturk N., Öztürk D., Pala-Kara Z., Kaptan E., Sancar-Bas S., Ozsoy N., Cinar S., Deniz G., Li X., Giacchetti S., et al.
Chronobiology International, vol.35, pp.705-718, 2018 (SCI-Expanded)
- XXIII. **Molecular Aspects of Circadian Pharmacology and Relevance for Cancer Chronotherapy**

- Ozturk N., Ozturk D., Kavakli I. H., Okyar A.
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.18, no.10, 2017 (SCI-Expanded)
- XXIV. **Nasal vaccination with poly(β -amino ester)-poly(d,l-lactide-co-glycolide) hybrid nanoparticles.**
SINANI G., Sessevmez M., Koray G., Özgümüş S., Okyar A., Oya A., Cevher E.
International journal of pharmaceutics, vol.529, pp.1-14, 2017 (SCI-Expanded)
- XXV. **Critical cholangiocarcinogenesis control by cryptochrome clock genes**
Mteyrek A., Filipski E., GUETTIER C., OKLEJEWICZ M., VAN DER HORST G. T. J., Okyar A., Levi F.
INTERNATIONAL JOURNAL OF CANCER, vol.140, no.11, pp.2473-2483, 2017 (SCI-Expanded)
- XXVI. **Pharmacokinetics of talinolol is modified by barnidipine: implication of P-glycoprotein modulation**
Ozturk N., Öztürk D., Pala-Kara Z., Okyar A.
PHARMAZIE, vol.72, no.1, pp.29-34, 2017 (SCI-Expanded)
- XXVII. **Clock gene Per2 as a controller of liver carcinogenesis**
Mteyrek A., Filipski E., GUETTIER C., Okyar A., Levi F.
ONCOTARGET, vol.7, no.52, pp.85832-85847, 2016 (SCI-Expanded)
- XXVIII. **Chronomodulated oxaliplatin plus Capecitabine (XELOX) as a first line chemotherapy in metastatic colorectal cancer: A Phase II Brunch regimen study**
PILANCI K. N., Saglam S., Okyar A., YÜCEL S., Pala-Kara Z., Ordu C., Namal E., CIFTCI R., Iner-Koksal U., Kaytan-Saglam E.
CANCER CHEMOTHERAPY AND PHARMACOLOGY, vol.78, no.1, pp.143-150, 2016 (SCI-Expanded)
- XXIX. **Carbon tetrachloride-induced kidney damage and protective effect of *Amaranthus lividus* L. in rats**
Yilmaz-Ozden T., Can A., Karatug A., Pala-Kara Z., Okyar A., Bolkent S.
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.32, no.6, pp.1143-1152, 2016 (SCI-Expanded)
- XXX. **Dosing-Time Makes the Poison: Circadian Regulation and Pharmacotherapy**
Dallmann R., Okyar A., Leyi F.
TRENDS IN MOLECULAR MEDICINE, vol.22, no.5, pp.430-445, 2016 (SCI-Expanded)
- XXXI. **THE PROTECTIVE EFFECT OF AN AQUEOUS EXTRACT FROM SMILAX EXCELSA L. AGAINST CARBON TETRACHLORIDE-INDUCED LIVER INJURY IN RATS**
Ozsoy N., Okyar A., Arda-Pirincci P., Can A., Bolkent Ş., Akev N.
AFRICAN JOURNAL OF TRADITIONAL COMPLEMENTARY AND ALTERNATIVE MEDICINES, vol.13, no.3, pp.203-208, 2016 (SCI-Expanded)
- XXXII. **Preparation and in-vivo evaluation of dimenhydrinate buccalmucoadhesive films with enhanced bioavailability**
Pekoz A., Erdal M. S., Okyar A., Ocak M., Tekeli F., Kaptan E., Sagirli O., Araman A.
Drug Development and Industrial Pharmacy, vol.42, no.6, pp.916-925, 2016 (SCI-Expanded)
- XXXIII. **Identification of Circadian Determinants of Cancer Chronotherapy through In Vitro Chronopharmacology and Mathematical Modeling**
Dulong S., Ballesta A., Okyar A., Levi F.
MOLECULAR CANCER THERAPEUTICS, vol.14, no.9, pp.2154-2164, 2015 (SCI-Expanded)
- XXXIV. **Protective effect of *Amaranthus lividus* L. on carbon tetrachloride induced hepatotoxicity in rats**
Yilmaz-Ozden T., Can A., Sancar-Bas S., Pala-Kara Z., Okyar A., Bolkent Ş.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.40, no.2, pp.125-131, 2015 (SCI-Expanded)
- XXXV. **Carbon tetrachloride induced kidney damage and protective effect of *Amaranthus lividus* L. in rats**
YILMAZ ÖZDEN T., CAN A., KARATUĞ A., PALA KARA Z., OKYAR A., BOLKENT Ş.
TOXICOLOGY AND INDUSTRIAL HEALTH, pp.1-10, 2014 (SCI-Expanded)
- XXXVI. **Neoadjuvant chronomodulated capecitabine with radiotherapy in rectal cancer: a phase II brunch regimen study**
Akgun Z., Saglam S., YÜCEL S., Gural Z., Balik E., Cipe G., YILDIZ Ş., Kilickap S., Okyar A., Kaytan-Saglam E.
CANCER CHEMOTHERAPY AND PHARMACOLOGY, vol.74, no.4, pp.751-756, 2014 (SCI-Expanded)
- XXXVII. **Optimization of irinotecan chronotherapy with P-glycoprotein inhibition**
Filipski E., Berland E., Ozturk N., GUETTIER C., VAN DER HORST G. T. J., Levi F., Okyar A.
TOXICOLOGY AND APPLIED PHARMACOLOGY, vol.274, no.3, pp.471-479, 2014 (SCI-Expanded)

- XXXVIII. **Evaluation of Smilax excelsa L. Use in Experimentally Induced Nephrotoxicity**
 Ozsoy N., Okyar A., Arda-Pirincci P., Can A., Bolkent S., Akev N.
 KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.19, pp.807-814, 2013 (SCI-Expanded)
- XXXIX. **The effect of repeated administration of methotrexate (MTX) on rat ovary: measurement of serum antimullerian hormone (AMH) levels**
 Benian A., Guralp O., Uzun D. D., Okyar A., Sahmay S.
 GYNECOLOGICAL ENDOCRINOLOGY, vol.29, no.3, pp.226-229, 2013 (SCI-Expanded)
- XL. **Circadian Variations in Exsorptive Transport: In Situ Intestinal Perfusion Data and In Vivo Relevance**
 Okyar A., Dressler C., Hanafy A., Baktir G., Lemmer B., Spahn-Langguth H.
 CHRONOBIOLOGY INTERNATIONAL, vol.29, no.4, pp.443-453, 2012 (SCI-Expanded)
- XLI. **Circadian clocks and drug delivery systems: impact and opportunities in chronotherapeutics**
 Levi F., Okyar A.
 EXPERT OPINION ON DRUG DELIVERY, vol.8, no.12, pp.1535-1541, 2011 (SCI-Expanded)
- XLII. **A Combined Experimental and Mathematical Approach for Molecular-based Optimization of Irinotecan Circadian Delivery**
 Ballesta A., Dulong S., Abbara C., Cohen B., Okyar A., Clairambault J., Levi F.
 PLOS COMPUTATIONAL BIOLOGY, vol.7, no.9, 2011 (SCI-Expanded)
- XLIII. **Strain- and Sex-Dependent Circadian Changes in Abcc2 Transporter Expression: Implications for Irinotecan Chronotolerance in Mouse Ileum**
 Okyar A., Piccolo E., Ahowesso C., Filipski E., Hossard V., Guettier C., La Sorda R., Tinari N., Iacobelli S., Levi F.
 PLOS ONE, vol.6, no.6, 2011 (SCI-Expanded)
- XLIV. **The Effect of Terpenes on Percutaneous Absorption of Tiaprofenic Acid Gel**
 Okyar A., Nuriyev M., Yildiz A., Pala-Kara Z., Ozturk N., Kaptan E.
 ARCHIVES OF PHARMACAL RESEARCH, vol.33, no.11, pp.1781-1788, 2010 (SCI-Expanded)
- XLV. **ATP-Binding Cassette B1 Transports Seliciclib (R-Roscovitine), a Cyclin-Dependent Kinase Inhibitor**
 RAJNAI Z., Mehn D., BEERY E., Okyar A., Jani M., Toth G. K., Fueloep F., Levi F., Krajcsi P.
 DRUG METABOLISM AND DISPOSITION, vol.38, no.11, pp.2000-2006, 2010 (SCI-Expanded)
- XLVI. **Ondansetron-loaded chitosan microspheres for nasal antiemetic drug delivery: an alternative approach to oral and parenteral routes**
 Gungor S., Okyar A., Erturk-Toker S., Baktir G., Ozsoy Y.
 DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, vol.36, no.7, pp.806-813, 2010 (SCI-Expanded)
- XLVII. **Ondansetron-loaded biodegradable microspheres as a nasal sustained delivery system: In vitro/in vivo studies**
 Gungor S., Okyar A., Erturk-Toker S., Baktir G., Ozsoy Y.
 PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, vol.15, no.3, pp.258-265, 2010 (SCI-Expanded)
- XLVIII. **Circadian Timing in Cancer Treatments**
 Levi F., Okyar A., Dulong S., Innominato P. F., Clairambault J.
 ANNUAL REVIEW OF PHARMACOLOGY AND TOXICOLOGY, vol.50, pp.377-421, 2010 (SCI-Expanded)
- XLIX. **Pre-diabetes screening program: a proactive study in Istanbul community pharmacies**
 Cakiroglu A., Koroglu A., Almila-Oztosun Z., Dundar A., Okyar A., Alp F. I., Baktir G.
 PHARMACY WORLD & SCIENCE, vol.30, no.5, pp.717, 2008 (SCI-Expanded)
- L. **Self-management of complications in diabetic patients: a pharmaceutical care program in community pharmacies**
 Koroglu A., Cakiroglu A., Almila-Oztosun Z., Dundar A., Alp F. I., Okyar A., Baktir G.
 PHARMACY WORLD & SCIENCE, vol.30, no.5, pp.657, 2008 (SCI-Expanded)
- LI. **Effectiveness of Aloe vera versus glibenclamide on serum lipid parameters, heart and skin lipid peroxidation in type-II diabetic rats**
 Ozsoy N., Yanardag R., Can A., Akev N., Okyar A.
 ASIAN JOURNAL OF CHEMISTRY, vol.20, no.4, pp.2679-2689, 2008 (SCI-Expanded)
- LII. **Effectiveness of Aloe vera versus Glibenclamide on serum lipid parameters, heart and skin lipid peroxidation in type-II diabetic rats**

- Ozsoy N., Yanardağ R., Can A., Akev N., Okyar A.
 ASIAN JOURNAL OF CHEMISTRY, vol.20, no.4, pp.2679-2689, 2008 (SCI-Expanded)
- LIII. **Effectiveness of Aloe vera versus glibenclamide on serum lipid parameters, heart and skin lipid peroxidation in type-II diabetic rats.**
 Özsoy N., Yanardağ R., Can A., Akev N., Okyar A.
 Asian Journal Of Chemistry, vol.20, pp.2679-2689, 2008 (SCI-Expanded)
- LIV. **In Vitro and Ex Vivo permeation studies of etodolac from hydrophilic gels and effect of Terpenes as enhancers**
 Taş C., Özkan Y., Okyar A., Savaşer A.
 DRUG DELIVERY, vol.14, no.7, pp.453-459, 2007 (SCI-Expanded)
- LV. **Nasal administration of heparin-loaded microspheres based on poly(lactic acid)**
 Yildiz A., Okyar A., Baktir G., Araman A., Özsoy Y.
 Farmaco, vol.60, pp.919-924, 2005 (SCI-Expanded)
- LVI. **Effect of aloe vera leaf gel and pulp extracts on the liver in type-II diabetic rat models**
 Can A., Akev N., Ozsoy N., Bolkent S., Arda B. P., Yanardag R., Okyar A.
 BIOLOGICAL & PHARMACEUTICAL BULLETIN, vol.27, no.5, pp.694-698, 2004 (SCI-Expanded)
- LVII. **Effect of Aloe vera (L.) Burm. fil. leaf gel and pulp extracts on kidney in type-?? diabetic rat models.**
 Bolkent S., Akev N., Ozsoy N., Sengezer İnceli M., Can A., Okyar A., YANARDAĞ R.
 INDIAN JOURNAL OF EXPERIMENTAL BIOLOGY, vol.42, pp.48-52, 2004 (SCI-Expanded)
- LVIII. **Effect of Aloe vera leaf gel and pulp extracts on the liver in type-II diabetic rat models.**
 Can A., Akev N., Özsoy N., Bolkent Ş., Arda_Pirinççi P., Yanardağ R., Okyar A.
 BIOLOGICAL & PHARMACEUTICAL BULLETIN, vol.27, pp.694-698, 2004 (SCI-Expanded)
- LIX. **Effect of Aloe vera (L.) Burm. fil. leaf gel and pulp extracts on kidney in type-II diabetic rat models.**
 Bolkent Ş., Akev N., ÖZSOY N., Şengezer-İnceli M., Can A., Okyar A., Yanardağ R.
 INDIAN JOURNAL OF EXPERIMENTAL BIOLOGY, vol.42, pp.48-52, 2004 (SCI-Expanded)
- LX. **Effect of Aloe vera (L.) Burm.fil. leaf gel and pulp extracts on the kidney in type-II diabetic rat models: A histological and biochemical study**
 BOLKENT Ş., AKEV N., ÖZSOY N., Şengezer-İnceli M., CAN A., OKYAR A., YANARDAĞ R.
 INDIAN JOURNAL OF EXPERIMENTAL BIOLOGY, vol.42, pp.48-52, 2004 (SCI-Expanded)
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OKYAR A., Project Supported by Higher Education Institutions, 5-Florourasil'in sıvı sıvı ekstraksiyonu yöntemi ve HPLC ile tayini, 2013 - 2014

OKYAR A., Project Supported by Higher Education Institutions, P-glikoprotein substratı talinololün dişi ve erkek farelerdeki farmakokinetiği, 2013 - 2014

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OKYAR A., Project Supported by Higher Education Institutions, Tümör taşıyan farelerde ABC taşıyıcı proteinlerinin mRNA ekspresyon ritimlerinin ve P-glikoprotein fonksiyonel aktivitesinin incelenmesi, 2010 - 2013

OKYAR A., Project Supported by Higher Education Institutions, Sirkadiyan saatler ve ilaç uygulama, 2012 - 2012

OKYAR A., Project Supported by Higher Education Institutions, Abcc2'nin barsaktaki ekspresyon ritimlerinin irinotekan kronotoksitesine etkisi, 2011 - 2012

OKYAR A., Project Supported by Higher Education Institutions, ABC taşıyıcı proteinlerin (ABCB1) roskovitin'in farmakokinetiğine olası etkisi, 2011 - 2012

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OKYAR A., Project Supported by Higher Education Institutions, Hücre siklusu inhibitörü roskovitin sıçan plazmasından analitik validasyonu, 2011 - 2011

OKYAR A., Project Supported by Higher Education Institutions, Abcc2 taşıyıcı proteininin fare barsağındaki sirkadiyen ritimleri, 2010 - 2010

OKYAR A., Project Supported by Higher Education Institutions, Kanserde sirkadiyen tedavi, 2010 - 2010

OKYAR A., Project Supported by Higher Education Institutions, Barnidipin ve talinolol arasındaki P-glikoproteine bağlı

olası bir farmakokinetik etkileşmenin incelenmesi, 2009 - 2010

OKYAR A., Project Supported by Higher Education Institutions, ABC taşıyıcı proteinlerinin sirkadiyen ritimleri, 2009 - 2009

OKYAR A., Project Supported by Higher Education Institutions, Antienflamatuvar ilaçların topikal formülasyonlarının deriden penetasyonlarının incelenmesi, 2008 - 2009

OKYAR A., EU Supported Other Project, Biosimulation, a new tool for drug development, 2006 - 2009

OKYAR A., EU Framework Program Project, Temporal Genomics for Tailored Chronotherapeutics (TEMPO), 2006 - 2009

OKYAR A., Project Supported by Other Official Institutions, Ondansetronun mikrokürelerinin vücutta parçalanabilen polimerler ile hazırlanması ve nazal olarak uygulanması üzerine çalışmalar., 2001 - 2004

Activities in Scientific Journals

Journal of Faculty of Pharmacy of Istanbul University, Advisory Committee Member, 2013 - Continues

Türk Farmakoloji Derneği E-Bülteni, Publication Committee Member, 2012 - Continues

Memberships / Tasks in Scientific Organizations

İstanbul Eczacı Odası, Member, 2017 - Continues

Türk Farmakoloji Derneği, Member, 1996 - Continues

İÜ Eczacılık Fak. Mezun ve Mensupları Geliştirme Derneği, Member, 1996 - Continues

Scientific Refereeing

Journal of Drug Delivery Science and Technology, National Scientific Refreed Journal, December 2017

Cell Cycle, National Scientific Refreed Journal, June 2017

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TUBITAK Project, June 2016

Pharmaceutics, Other journals, January 2016

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Mini Reviews in Medicinal Chemistry, National Scientific Refreed Journal, October 2015

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Congress and Symposium Activities

Türk Farmakoloji Derneği Kongresi, Attendee, Trabzon, Turkey, 2017

7. Avrupa Farmakoloji Kongresi, Attendee, İstanbul, Turkey, 2016

Gazi Pharma Symposium Series, Attendee, Antalya, Turkey, 2015

Türk Farmakoloji Derneği Kongresi, Attendee, Ankara, Turkey, 2015

Societe Francophone de Chronobiologie (SCF Meeting), Attendee, Paris, France, 2014

4. Uluslararası Eczacılık ve Farmasötik Bilimler Kongresi, Attendee, İstanbul, Turkey, 2014

II. Ulusal Klinik Eczacılık ve Farmasötik Bakım Kongresi, Attendee, Antalya, Turkey, 2013

Türk Farmakoloji Derneği Kongresi, Attendee, Antalya, Turkey, 2013

Avrupa Biyolojik Ritimler Derneği Kongresi, Attendee, München, Germany, 2013

Societe Francophone de Chronobiologie (SCF Meeting), Attendee, Nice, Turkey, 2011

Türk Farmakoloji Derneği Kongresi, Attendee, Antalya, Turkey, 2009

Türk Farmakoloji Derneği Kongresi, Attendee, Trabzon, Turkey, 2007

Scholarships

Doktora sonrası araştırma bursu (2219), TÜBİTAK, 2007 - 2008

Kısa süreli araştırma bursu (Forschungkurzstipendium), Other International Organizations, 2000 - 2001

Non Academic Experience

Other Public Institution, Tc Sağlık Bak. Haseki Eğitim Ve Araştırma Hastanesi