

## **Prof. LEVENT KABASAKAL**

### **Personal Information**

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### **International Researcher IDs**

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### **Education Information**

Doctorate, Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, Turkey 1991 - 1995

Postgraduate, Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, Turkey 1984 - 1987

Undergraduate, Marmara University, Faculty of Pharmacy, Turkey 1980 - 1984

### **Foreign Languages**

English, B2 Upper Intermediate

### **Dissertations**

Doctorate, Morfin bağımlılığında Nw-Nitro-L-Arjinin`in rolü, Marmara Üniversitesi, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 1995

Postgraduate, Amonyum aselat uygulanan farelerin beyin ATPaz düzeylerinin araştırılması, Marmara Üniversitesi, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 1987

### **Research Areas**

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmacology

### **Academic Titles / Tasks**

Professor, Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 2013 - Continues

Associate Professor, Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 2005 - Continues

### **Academic and Administrative Experience**

Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 2018 - Continues

Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 2015 - 2018

## Advising Theses

- Kabasakal L., *Achillea nobilis* subsp. *neilreichii* (Ayvadana) bitkisinin deneysel meme kanserinde antineoplastik etkinliğinin incelenmesi, Postgraduate, S.SERRA(Student), 2019
- Kabasakal L., Geleneksel bazı tıbbi bitkilerin Alzheimer hastalığındaki etkinliğinin *in vitro* olarak incelenmesi, Postgraduate, M.ABDU(Student), 2019
- KABASAKAL L., Bazı geleneksel tıbbi bitkilerin antidiyabetik etkinliğinin ve etki mekanizmasının aydınlatılması, Doctorate, M.EMİN(Student), 2017
- KABASAKAL L., Deneysel sepsise bağlı gelişen çoklu organ yetmezliğinde enginar ekstreminin koruyucu ve tedavi edici etkinliği, Postgraduate, A.EDA(Student), 2017
- KABASAKAL L., Nanolif bazlı yara örtüsü yüzeyi geliştirilmesi, Doctorate, R.ERDEM(Student), 2013
- KABASAKAL L., Sıçanlarda streptozotosinle oluşturulan diabetes mellitus modelinde gelişen erektil disfonksiyon ve kardiyak hemodinamik değişikliklere karşı pazu ekstreminin tedavi edici etkilerinin incelenmesi, Doctorate, Y.İPÇİ(Student), 2011
- KABASAKAL L., Sıçanlarda streptozotosinle oluşan diabetes mellitus modelinde gelişen erektil disfonksiyon ve kardiyak hemodinamik değişikliklere karşı pazu ekstreminin tedavi edici etkilerinin incelenmesi, Doctorate, Y.İpçi(Student), 2011
- KABASAKAL L., Sıçanlarda oluşturulan adjuvant artrit modelinde resveratrolün etkisinin incelenmesi, Postgraduate, N.SÖNME(Student), 2007
- KABASAKAL L., Sıçanlarda Oluşturulan Adjuvant Artrit Modelinde Resveratrolün Etkisinin İncelenmesi, Postgraduate, N.Sönme(Student), 2007
- KABASAKAL L., Sıçanlarda sepsise bağlı ensefalopatide erken ve geç dönemde riluzolün etkilerinin araştırılması, Doctorate, H.ZERRİN(Student), 2006
- KABASAKAL L., Glutamat salınım inhibitörü Riluzol'un farelerde morfine tolerans ve bağımlılık gelişmesine etkisi, Postgraduate, H.ZERRİN(Student), 2001
- KABASAKAL L., Glutamat salınım inhibitörü riluzol' un farelerde morfine tolerans ve bağımlılık gelişmesine etkisi, Postgraduate, H.Zerrin(Student), 2001

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

- I. **CHARD (BETA VULGARIS L. VAR CICLA) EXTRACT INHIBITS POLYOL PATHWAY AND HYPERGLYCAEMIA-INDUCED OXIDATIVE STRESS IN RAT LENS**  
TÜRKYILMAZ İ. B., BAYRAK B. B., SAÇAN Ö., KABASAKAL L., ŞENER G., YANARDAĞ R.  
FARMACIA, vol.70, no.1, pp.122-126, 2022 (SCI-Expanded)
- II. **Accelerated diabetic wound healing by topical application of combination oral antidiabetic agents-loaded nanofibrous scaffolds: An *in vitro* and *in vivo* evaluation study**  
Cam M. E., ERTAŞ B., Alenezi H., Hazar-Yavuz A. N., Cesur S., Ozcan G. S., Ekentok C., Guler E., Katsakouli C., Demirbas Z., et al.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.119, 2021 (SCI-Expanded)
- III. **A novel treatment strategy for preterm birth: Intra-vaginal progesterone-loaded fibrous patches**  
Cam M. E., Hazar-Yavuz A. N., Cesur S., Ozkan O., Alenezi H., Turkoglu Sasmazel H., Sayip Eroglu M., Brako F., Ahmed J., Kabasakal L., et al.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.588, 2020 (SCI-Expanded)
- IV. **Effect of tadalafil on penile nitric oxide synthase and corporal smooth muscle in rats under dutasteride treatment**  
Gul A., Altınay S., KABASAKAL L., Yavuz A., Semercioz A., Serefoglu E. C.  
AGING MALE, vol.23, no.2, pp.161-167, 2020 (SCI-Expanded)
- V. **Evaluation of burst release and sustained release of pioglitazone-loaded fibrous mats on diabetic wound healing: an *in vitro* and *in vivo* comparison study**  
Cam M. E., Yildiz S., Alenezi H., Cesur S., Ozcan G., Erdemir G., Edirisinghe U., Akakin D., Kuruca D., Kabasakal L., et al.

- VI. **Fabrication, characterization and fibroblast proliferative activity of electrospun *Achillea lycaonica*-loaded nanofibrous mats**  
Çam M. E., Cesur S., Taşkın T., Erdemir G., Kuruca D. S., Sahin Y. M., Kabasakal L., Gündüz O.  
European Polymer Journal, vol.120, 2019 (SCI-Expanded)
- VII. **Protective effects of resveratrol on hepatic ischemia reperfusion injury in streptozotocin-induced diabetic rats**  
Aktas H. S., Ozel Y., Ahmad S., Pence H. H., Ayaz-Adakul B., Kudas I., TETİK Ş., ŞEKERLER T., Canbey-Goret C., KABASAKAL L., et al.  
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.460, pp.217-224, 2019 (SCI-Expanded)
- VIII. **The methanolic extract of *Thymus praecox* subsp. *skorpilii* var. *skorpilii* restores glucose homeostasis, ameliorates insulin resistance and improves pancreatic  $\beta$ -cell function on streptozotocin/nicotinamide-induced type 2 diabetic rats.**  
ÇAM M. E., Hazar-Yavuz A. N., Yildiz S., ERTAŞ B., Adakul B. A., TAŞKIN T., ALAN S., KABASAKAL L.  
Journal of ethnopharmacology, vol.231, pp.29-38, 2019 (SCI-Expanded)
- IX. **Ischemic colitis of the colon in streptozotocin-induced diabetic rats**  
Ozel Y., Elcioglu H. K., Cevikelli Z. A., Kudas I., Ahmad S., UZUN H., Topal C., Aktas S., KABASAKAL L.  
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.439, pp.87-93, 2018 (SCI-Expanded)
- X. **Protective effect of chard extract on glycoprotein compounds and enzyme activities in streptozotocin-induced hyperglycemic rat lungs**  
Sacan O., Ertik O., Ipci Y., Kabasakal L., Sener G., Yanardag R.  
BULGARIAN CHEMICAL COMMUNICATIONS, vol.50, no.1, pp.119-123, 2018 (SCI-Expanded)
- XI. **Electrospinning of single and multilayered scaffolds for tissue engineering applications**  
Erdem R., Yüksek M., Sancak E., Atak O., Erginer M., Kabasakal L., Beyit A.  
JOURNAL OF THE TEXTILE INSTITUTE, vol.108, pp.935-946, 2017 (SCI-Expanded)
- XII. **BURDEN OF METASTATIC CASTRATION-RESISTANT PROSTATE CANCER (MCRPC) IN TURKEY**  
Erdal E., Malhan S., Oksuz E., Benekli M., Cag C., Dane F., Kabasakal L., Kucuk O., Sozen T. S., Sar C., et al.  
VALUE IN HEALTH, vol.19, no.7, 2016 (SCI-Expanded)
- XIII. **Tocilizumab's effect on cognitive deficits induced by intracerebroventricular administration of streptozotocin in Alzheimer's model**  
Elcioglu H. K., Aslan E., Ahmad S., ALAN S., ŞALVA E., Elcioglu O. H., KABASAKAL L.  
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.420, pp.21-28, 2016 (SCI-Expanded)
- XIV. **TADALAFIL RESTORES PENILE NEURONAL NITRIC OXIDE SYNTHASE LEVELS WHICH DECREASES WITH CHRONIC PAROXETINE TREATMENT**  
Serefoglu E. C., Gul A., Kabasakal L., Celik D. S., Semercioz A.  
JOURNAL OF SEXUAL MEDICINE, vol.12, pp.213, 2015 (SCI-Expanded)
- XV. **Effects of systemic Thalidomide and intracerebroventricular Etanercept and Infliximab administration in a Streptozotocin induced dementia model in rats**  
Elcioglu H. K., KABASAKAL L., Tufan F., Elcioglu O. H., Solakoglu S., Kotil T., Karan M. A.  
ACTA HISTOCHEMICA, vol.117, no.2, pp.176-181, 2015 (SCI-Expanded)
- XVI. **Chard (*Beta vulgaris* var. *cicla*) extract improved hyperglycemia-induced oxidative stress and surfactant-associated protein alterations in rat lungs**  
Oztay F., Sacan O., Kayalar O., Bolkent S., Ipci Y., KABASAKAL L., ŞENER G., Yanardag R.  
PHARMACEUTICAL BIOLOGY, vol.53, no.11, pp.1639-1646, 2015 (SCI-Expanded)
- XVII. **Chard (*Beta vulgaris* L. var. *cicla*) extract ameliorates hyperglycemia by increasing GLUT2 through Akt2 and antioxidant defense in the liver of rats**  
Gezginci-Oktayoglu S., Sacan O., Bolkent S., Ipci Y., KABASAKAL L., ŞENER G., Yanardag R.  
ACTA HISTOCHEMICA, vol.116, no.1, pp.32-39, 2014 (SCI-Expanded)
- XVIII. **A STUDY COMPARING THE EFFICACY OF ANTIMICROBIAL AGENTS VERSUS ENZYME (P-GP) INDUCERS IN THE TREATMENT OF 2,4,6 TRINITROBENZENESULFONIC ACID-INDUCED COLITIS IN RATS**

- Toklu H. Z., Kabasakal L., Imeryuz N., Kan B., Celikel C., Cetinel S., Orun O., Yuksel M., Dulger G. A.  
JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, vol.64, no.4, pp.439-451, 2013 (SCI-Expanded)
- XIX. **Thalidomide attenuates learning and memory deficits induced by intracerebroventricular administration of streptozotocin in rats**  
Elcioglu H. K., Kabasakal L., Alan S., Salva E., Tufan F., Karan M. A.  
BIOTECHNIC & HISTOCHEMISTRY, vol.88, pp.145-152, 2013 (SCI-Expanded)
- XX. **A study comparing the efficacy of antimicrobial agents versus enzyme P Gp inducers in the treatment of 2 4 6 trinitrobenzenesulfonic acid induced colitis in rats**  
TOKLU H. Z., KABASAKAL L., İMERYÜZ N., KAN B., ÇELİKEL Ç., ORUN O., YÜKSEL M., DÜLGER G. A.  
Journal Of Physiology And Pharmacology, vol.64, pp.439-451, 2013 (SCI-Expanded)
- XXI. **Local Delivery of Chitosan/VEGF siRNA Nanoplexes Reduces Angiogenesis and Growth of Breast Cancer In Vivo**  
Salva E., KABASAKAL L., EREN F., ÖZKAN N., Cakalagaoglu F., Akbuga J.  
NUCLEIC ACID THERAPEUTICS, vol.22, no.1, pp.40-48, 2012 (SCI-Expanded)
- XXII. **A study comparing the effects of rosiglitazone and/or insulin treatments on streptozotocin induced diabetic (type I diabetes) rat aorta and cavernous tissues**  
Elcioglu H. K., KABASAKAL L., ÖZKAN N., ÇELİKEL Ç., Ayanoglu-Dulger G.  
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.660, pp.476-484, 2011 (SCI-Expanded)
- XXIII. **Changes in caveolin-1 expression and vasoreactivity in the aorta and corpus cavernosum of fructose and streptozotocin-induced diabetic rats**  
Elcioglu K. H., KABASAKAL L., ÇETİNEL Ş., Conturk G., Sezen S. F., Ayanoglu-Dulger G.  
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.642, pp.113-120, 2010 (SCI-Expanded)
- XXIV. **Chitosan/Short Hairpin RNA Complexes for Vascular Endothelial Growth Factor Suppression Invasive Breast Carcinoma**  
Salva E., KABASAKAL L., EREN F., Cakalagaoglu F., ÖZKAN N., Akburga J.  
OLIGONUCLEOTIDES, vol.20, no.4, pp.183-190, 2010 (SCI-Expanded)
- XXV. **Significance of IL-6 and PAI-1 expression in nucleic-acid based therapy of breast cancer**  
Cakalagaoglu F., Salva E., Ozkan N., Kaya H., Kabasakal L., Akbuga J.  
VIRCHOWS ARCHIV, vol.455, pp.103, 2009 (SCI-Expanded)
- XXVI. **Ethanol and Nicotine Interaction on Liver Oxidative Status: An Experimental Study**  
Bolukbas F. F., Bolukbas C., KABASAKAL L., Horoz M., Sonsuz A., Uysal M. K., Ovunc O.  
TURKIYE KLINIKLERI TIP BILIMLERI DERGISI, vol.29, no.4, pp.932-937, 2009 (SCI-Expanded)
- XXVII. **The Effects of Riluzole on Neurological, Brain Biochemical, and Histological Changes in Early and Late Term of Sepsis in Rats**  
Toklu H. Z., Uysal M. K., KABASAKAL L., ŞİRVANCI S., ERCAN F., Kaya M.  
JOURNAL OF SURGICAL RESEARCH, vol.152, no.2, pp.238-248, 2009 (SCI-Expanded)
- XXVIII. **Synthesis of some novel heterocyclic compounds derived from diflunisal hydrazide as potential anti-infective and anti-inflammatory agents**  
Kucukguzel S. G., Tatar E., Rollas S., Sahin F., Gulluce M., De Clercq E., Kabasakal L.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.42, no.7, pp.893-901, 2007 (SCI-Expanded)
- XXIX. **2-mercaptoethane sulfonate (MESNA) protects against biliary obstruction-induced oxidative damage in rats**  
Sener G., Kabasakal L., Sehirli O., Ercan F., Gedik N.  
HEPATOLOGY RESEARCH, vol.35, no.2, pp.140-146, 2006 (SCI-Expanded)
- XXX. **Synthesis of some novel azo derivatives of 3,5-dimethyl-1-(2-hydroxyethyl)pyrazole as potent analgesic agents**  
Oruc E. E., Kocyigit-Kaymakcioglu B., Oral B., Altunbas-Toklu H. Z., Kabasakal L., Rollas S.  
ARCHIV DER PHARMAZIE, vol.339, no.5, pp.267-272, 2006 (SCI-Expanded)
- XXXI. **Propylthiouracil-induced hypothyroidism protects ionizing radiation-induced multiple organ damage in rats**  
Sener G., Kabasakal L., Atasoy B. M., Erzik C., Velioglu-Ogunc A., Cetinel S., Contuk G., Gedik N., Yegen B.

- JOURNAL OF ENDOCRINOLOGY, vol.189, no.2, pp.257-269, 2006 (SCI-Expanded)
- XXXII. **Ginkgo biloba extract protects against ionizing radiation-induced oxidative organ damage in rats**  
Sener G., Kabasakal L., Atasoy B. M., Erzik C., Velioglu-Ogunc A., Cetinel U., Gedik N., Yegen B.  
PHARMACOLOGICAL RESEARCH, vol.53, no.3, pp.241-252, 2006 (SCI-Expanded)
- XXXIII. **High-pressure liquid chromatographic analysis for identification of in vitro and in vivo metabolites of 4-phenethyl-5-[4-(1-(2-hydroxyethyl)-3,5dimethyl-4-pyrazolylazo)phenyl]-2,4-dihydro-3H-1,2,4-triazole-3-thione in rats**  
Kaymakcioglu B., Oruc E., Unsalan S., Kabasakal L., Rollas S.  
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, vol.831, pp.184-189, 2006 (SCI-Expanded)
- XXXIV. **Hepatic fibrosis in biliary-obstructed rats is prevented by Ginkgo biloba treatment**  
ŞENER G., KABASAKAL L., YÜKSEL M., Gedik N., Alican Y.  
WORLD JOURNAL OF GASTROENTEROLOGY, vol.11, no.35, pp.5444-5449, 2005 (SCI-Expanded)
- XXXV. **Protective effect of aqueous garlic extract against renal ischemia/reperfusion injury in rats**  
Kabasakal L., Sehirli O., Cetinel S., Cikler E., Gedik N., Sener G.  
JOURNAL OF MEDICINAL FOOD, vol.8, no.3, pp.319-326, 2005 (SCI-Expanded)
- XXXVI. **Leukotriene receptor blocker montelukast protects against burn-induced oxidative injury of the skin and remote organs**  
Sener G., Kabasakal L., Cetinel S., Contuk G., Gedik N., Yeken B.  
BURNS, vol.31, no.5, pp.587-596, 2005 (SCI-Expanded)
- XXXVII. **Burn-induced oxidative injury of the gut is ameliorated by the leukotriene receptor blocker montelukast**  
Kabasakal L., Sener G., Cetinel S., Contuk G., Gedik N., Yegen B.  
PROSTAGLANDINS LEUKOTRIENES AND ESSENTIAL FATTY ACIDS, vol.72, no.6, pp.431-440, 2005 (SCI-Expanded)
- XXXVIII. **Long-term administration of aqueous garlic extract (AGE) alleviates liver fibrosis and oxidative damage induced by biliary obstruction in rats**  
Gedik N., Kabasakal L., Sehirli O., Ercan F., Sirvanci S., Keyer-Uysal M., Sener G.  
LIFE SCIENCES, vol.76, no.22, pp.2593-2606, 2005 (SCI-Expanded)
- XXXIX. **Mesna (2-mercaptoethane sulfonate) prevents ischemia/reperfusion induced renal oxidative damage in rats**  
Kabasakal L., Sehirli A., Cetinel Ş., Cikler E., Gedik N., Sener G.  
LIFE SCIENCES, vol.75, no.19, pp.2329-2340, 2004 (SCI-Expanded)
- XL. **The in vivo metabolism of 5-(4-nitrophenyl)-4(2-phenylethyl)-2,4-dihydro-3H-1,2,4-triazole-3-thione in rats**  
Oruc E., Kabasakal L., Rollas S.  
EUROPEAN JOURNAL OF DRUG METABOLISM AND PHARMACOKINETICS, vol.28, no.2, pp.113-118, 2003 (SCI-Expanded)
- XLI. **Transfection efficiency of chitosan microspheres: effect of DNA topology**  
Akbuga J., Aral C., Ozbas-Turan S., Kabasakal L., Keyer-Uysal M.  
STP PHARMA SCIENCES, vol.13, no.2, pp.99-103, 2003 (SCI-Expanded)
- XLII. **Co-encapsulation of two plasmids in chitosan microspheres as a non-viral gene delivery vehicle.**  
Ozbas-Turan S., Aral C., Kabasakal L., Keyer-Uysal M., Akbuga J.  
JOURNAL OF PHARMACY AND PHARMACEUTICAL SCIENCES, vol.6, no.1, pp.27-32, 2003 (SCI-Expanded)
- XLIII. **Effects of central administration of DPDPE, a delta opioid agonist, on renal function in conscious rats.**  
Sezen S., Kabasakal L., Altunbas H.  
FASEB JOURNAL, vol.16, no.5, 2002 (SCI-Expanded)
- XLIV. **Organ distribution and expression of the transferred gene with chitosan-DNA complex or poly(L-lysine)-DNA complex in mice**  
Kabasakal L., Aral C., Keyer-Uysal M., Akbuga J.  
FASEB JOURNAL, vol.16, no.4, 2002 (SCI-Expanded)

- XLV. **Effect of supercoiled DNA levels on transfection efficiency of DNA-loaded chitosan microspheres**  
Akbuca J., Keyer-Uysal M., Kabasakal L., Ozbas-Turan S., Eren C.  
FUNDAMENTAL & CLINICAL PHARMACOLOGY, vol.15, pp.37, 2001 (SCI-Expanded)
- XLVI. **The protective effect of melatonin on cisplatin nephrotoxicity**  
Sener G., Satiroglu H., Kabasakal L., Arbak S., Oner S., Ercan F., Keyer-Uysal M.  
FUNDAMENTAL & CLINICAL PHARMACOLOGY, vol.14, no.6, pp.553-560, 2000 (SCI-Expanded)
- XLVII. **Comparison of Tc-99m-methoxyisobutyl isonitrile and Tl-201 scintigraphy in visualization of suppressed thyroid tissue**  
Erdil T., Onsel C., Kanmaz B., Caner B., Sonmezoglu K., Ciftci I., Turoglu T., Kabasakal L., Sayman H., Uslu I.  
JOURNAL OF NUCLEAR MEDICINE, vol.41, no.7, pp.1163-1167, 2000 (SCI-Expanded)
- XLVIII. **Correlation of technetium-99m MIBI and thallium-201 retention in solitary cold thyroid nodules with postoperative histopathology**  
Erdil T., Ozker K., Kabasakal L., Kanmaz B., Sonmezoglu K., Atasoy K., Turoglu H., Uslu I., Isitman A., Onsel C.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE, vol.27, no.6, pp.713-720, 2000 (SCI-Expanded)
- XLIX. **Studies of effective factors of plasmid DNA-loaded chitosan microspheres I. Plasmid size, chitosan concentration and plasmid addition techniques**  
Aral C., Ozbas-Turan S., Kabasakal L., Keyer-Uysal M., Akbuga J.  
STP PHARMA SCIENCES, vol.10, no.1, pp.83-88, 2000 (SCI-Expanded)

## Articles Published in Other Journals

- I. **The methanolic extracts of *Teucrium polium* L. and *Micromeria fruticosa* (L.) Druce subsp. *brachycalyx* P. H. Davis improve diabetes in streptozotocin/nicotinamide-induced type 2 diabetic female Sprague Dawley rats**  
Sermet S., ÇAM M. E., YAVUZ A. N., TAŞKIN T., Kabatas G. S., YAZIR Y., KABASAKAL L., ELÇİOĞLU H. K.  
Obesity Medicine, vol.44, 2023 (Scopus)
- II. **Comparison of the Effectiveness of Probiotics in the Experimental Colitis Model**  
KILICOGLU E., YAVUZ A. N., KABATAŞ G. S., YAZIR Y., KABASAKAL L.  
Journal of research in pharmacy (online), vol.27, no.4, pp.1626-1637, 2023 (ESCI)
- III. ***Origanum majorana* L. extract effects on kidney tissue in STZ-induced DM rats**  
Cakar A., Aydemir O., Kiyak-Kırmacı H., Polat E. B., Taskın T., Kabasakal L., Elcioglu H. K.  
Journal of research in pharmacy (online), vol.27, no.4, pp.1638-1644, 2023 (ESCI)
- IV. **Sodium-glucose co-transporter inhibitor dapagliflozin attenuates cognitive deficits in sporadic Alzheimer's rat model**  
YAVUZ A. N., Yildiz S., Kaya R. K., ÇAM M. E., KABASAKAL L.  
Journal of Research in Pharmacy, vol.26, no.2, pp.298-310, 2022 (ESCI)
- V. **Antispasmodic activities of the methanolic extract from aerial parts of *Origanum* species on excised rat ileum**  
ÇAM M. E., YAVUZ A. N., KABASAKAL L., TAŞKIN T., BİTİŞ L., ELÇİOĞLU H. K.  
İstanbul Journal of Pharmacy, vol.50, no.3, pp.277-282, 2020 (ESCI)
- VI. **Antioxidant and anti-inflammatory activities of *Phlomis pungens* and *Coridothymus capitatus***  
TAŞKIN T., ÇAM M. E., BULUT G., YAVUZ A. N., KABASAKAL L., BİTİŞ L.  
MARMARA PHARMACEUTICAL JOURNAL, vol.22, no.1, pp.80-85, 2020 (Scopus)
- VII. **Tadalafil Preserves Penile Nitric Oxide Synthase from Detrimental Effect of Paroxetine in Rats**  
Gul A., Pastuszak A., KABASAKAL L., Bates J., Altınay S., Celik D. S., Semercioz A., Serefoglu E. C.  
EURASIAN JOURNAL OF MEDICINE, vol.51, no.1, pp.60-63, 2019 (ESCI)
- VIII. **Antioxidant and anti-inflammatory activities of *Phlomis pungens* and *Coridothymus capitatus***  
TAŞKIN T., ÇAM M. E., BULUT G., Hazar-Yavuz A. N., KABASAKAL L., BİTİŞ L.  
MARMARA PHARMACEUTICAL JOURNAL, vol.22, no.1, pp.80-85, 2018 (ESCI)
- IX. **Apocynin and dimethyl sulfoxide synergistically protect against ischemia-reperfusion injury in a rat**

### **hind limb ischemia-reperfusion model**

Duran A., Ciloglu S., Sehirli O., Yigit A., Buyukdogan H., Duran A., Elcioglu K., KABASAKAL L.  
EUROPEAN JOURNAL OF PLASTIC SURGERY, vol.40, no.6, pp.507-512, 2017 (ESCI)

- X. **Antidiabetic effects of Salvia triloba and Thymus praecox subsp. skorpilii var. skorpilii in a rat model of streptozotocin/nicotinamide-induced diabetes**  
ÇAM M. E., Yildiz S., ERTAŞ B., Acar A. E., TAŞKIN T., KABASAKAL L.  
MARMARA PHARMACEUTICAL JOURNAL, vol.21, no.4, pp.818-827, 2017 (ESCI)
- XI. **The effect of chitosan complexes on biodistribution of siRNA**  
ŞALVA E., ÖZKAN N., KABASAKAL L., TURAN S., AKBUĞA F. J.  
MÜSBED, vol.1, no.1, pp.1-7, 2011 (Peer-Reviewed Journal)
- XII. **Serbest eczanelerde ilaç sunumu sürecinde karşılaşılan sorunlar: Akılcı ilaç kullanımı yönünden değerlendirme**  
AKICI A., ALP YILDIRIM F. İ., ayanoğlu g., ELÇİOĞLU H. K., GÜMÜŞEL B., gündüz ö., KABASAKAL L., Durman D., KELİCEN UĞUR E. P., KERRY Z., et al.  
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### **Refereed Congress / Symposium Publications in Proceedings**

- I. **Investigation of single and combined effects of pycnogenol and curcumin on type 2 diabetes mellitus model induced by high-fat diet and low dose streptozotocin in rats**  
YAVUZ A. N., ÇAM M. E., KELEŞ R. M., ERTAŞ B., XHAFA V., KABASAKAL L.  
Cukurova 5th International Scientific Researches Conference, Adana, Turkey, 21 - 23 February 2020
- II. **The Protective And Therapeutic Effects Of Artichoke Extract On Multiple Organ Failure Induced By Experimental Sepsis In Rats**  
HAZAR YAVUZ A. N., ÇAM M. E., ACAR A. E., ALAN S., KABASAKAL L.  
International multidisciplinary symposium on drug research development, 1 - 03 July 2019
- III. **Investigation Of Antineoplastic Activity Of Achillea Nobilis Subsp. Neilreichii Plant In Experimental Breast Cancer.**  
Sehlan S. S., HAZAR YAVUZ A. N., EKENTOK C., TAŞKIN T., ALAN S., ÖZBAŞ TURAN S., KABASAKAL L.  
International multidisciplinary symposium on drug research development. 01-03 June 2019, Malatya-Turkey, 01 July 2019
- IV. **Sıçanlarda Streptozotosin ile oluşturulan Diabetes Mellitus'xxta Origanum Onites'xxin Etkileri**  
Aydemir O., Çakar A., TAŞKIN T., BİTİŞ L., KABASAKAL L., ELÇİOĞLU H. K.  
6. Uluslararası Multidisipliner Çalışmaları Kongresi, 26 - 27 April 2019
- V. **Sıçanlarda Diyabetik Deneysel Nefropatide Origanum Majorana'xxnın Etkileri**  
Çakar A., Aydemir O., TAŞKIN T., BİTİŞ L., KABASAKAL L., ELÇİOĞLU H. K.  
6. Uluslararası Multidisipliner Çalışmalar Kongresi, 26 - 27 April 2019
- VI. **Dapagliflozin attenuates depressive-like behavior of male rats in the forced swim**  
Cam M. E., Hazar-Yavuz A. N., Yildiz S., Keles R., Ertas B., Kabasakal L.  
31st Congress of the European-College-of-Neuropsychopharmacology (ECNP), Barcelona, Spain, 6 - 09 October 2018, vol.29
- VII. **A PPAR-alpha agonist gemfibrozil ameliorates cognitive and memory impairments in a sporadic Alzheimer's disease rat**  
Yildiz S., Cam M. E., Keles R., Hazar-Yavuz A. N., Kabasakal L.  
31st Congress of the European-College-of-Neuropsychopharmacology (ECNP), Barcelona, Spain, 6 - 09 October 2018, vol.29
- VIII. **A PPAR-alpha agonist gemfibrozil ameliorates cognitive and memory impairments in a sporadic Alzheimer'xxs disease rat model**  
YILDIZ S., ÇAM M. E., KELEŞ R. M., YAVUZ A. N., KABASAKAL L.  
31. ECNP Congress, BARCELONA, Spain, 6 - 09 October 2018

- IX. **Sodium-glucose co-transporter inhibitor dapagliflozin attenuates cognitive deficits in streptozotocin induced sporadic alzheimer'xxs rat model**  
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31. ECNP Congress, BARCELONA, Spain, 6 - 09 October 2018
- X. **Chitosan- Mediated Co-delivery of miR-200c and miR-141 for breast cancer treatment: in vivo studies**  
KABAN K., ŞALVA E., ALAN S., KABASAKAL L., AKBUĞA F. J.  
XXIV. Annual Meeting DG-GT, Freiburg, Germany, 26 - 28 September 2018
- XI. **Fabrication and Characterization of Achillea Iycaonica- Loaded Poly(Lactic Acid) Nanofibers**  
ÇAM M. E., Cesur S., Taskin T., KABASAKAL L., GÜNDÜZ O.  
ICNMA: 2018 20th International Conference on Nanostructured Materials and Applications, 13 - 14 September 2018
- XII. **Antidiabetic effects of Thymus Praecox subsp. skorpilii var. skorpilii on streptozotocin/nicotinamide-induced rat model of type II diabetes**  
ÇAM M. E., yıldız s., ERTAŞ B., TAŞKIN T., KABASAKAL L.  
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- XIII. **Salvia triloba attenuated insulin resistance in rats with type-2 diabetes induced by streptozotocin-nicotinamide**  
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- XIV. **Antidiabetic effects of Thymus praecox subsp. skorpilii var. skorpilii on streptozotocin/ nicotinamide-induced rat model of type II diabetes**  
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- XV. **Salvia triloba attenuated insulin resistance in rats with type-2 diabetes induced by STZ-NA**  
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- XVI. **Thymus praeox and Salvia triloba possess antiinflammatory and antidiabetic effects on type 2 diabetic rats**  
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- XVIII. **Thymus praeox subsp. skorpilii var. skorpilii and Salvia triloba possess anti-inflammatory effects on type 2 diabetic rats**  
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- XIX. **Artichoke Demonstrates Anti-inflammatory effects on Sepsis-Induced Multiple Organ Failure in Rats**  
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- XX. **Fabrication and Characterization of Achillea Iycaonica- Loaded Poly(Lactic Acid) Nanofibers**  
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- XXIV. **Protective and Therapeutically Activity of Cynara scolymus on Sepsis-Induced Rat Kidney**  
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- XXVI. **The potential effects of Cynara scolymus on liver of sepsis-induced rats**  
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- XXVII. **Endemik Origanum saccatum türünün antispazmodik aktivitesi**  
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- XXXVI. **Anti-inflammatory effect of Achillea multifida (DC.) Boiss. in carrageenan-induced inflammation models in rats**  
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- XXXVII. **Protective Effects of Melatonin on Liver Injury in Experimental Diabetic Rats**  
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- XXXVIII. **The effects of melatonin on muscle tissue in streptozotocin STZ diabetic rats**  
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- XXXIX. **The Investigation of Possible Protective Effect of Melatonin on Oxidant Injury in Streptozotocin induced Diabetic Rats Intestine**  
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- XL. **Protective effects of melatonin on heart injury in streptozotocin induced diabetic rats**  
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- XLI. **Tumor Inhibition by Using Chitosan siRNA PDGFR  $\beta$  in Breast Cancer Model of Rat**  
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- XLII. **MP86 10 Melatonin administration reorganizes cavernous tissue upregulates SIRT 1 genes and decreases oxidative damage in diabetic rats**  
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American Urological Association (AUA) 2016 Annual Meeting, SAN DİEGO, United States Of America, 6 - 10 May 2016, vol.195, pp.1109
- XLIII. **MELATONIN ADMINISTRATION REORGANIZES CAVERNOUS TISSUE UPREGULATES SIRT 1 GENES AND DECREASES OXIDATIVE DAMAGE IN DIABETIC RATS**  
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- XLV. **PDGF-D Inhibition by Using Chitosan: siRNA Complexes in Breast Cancer Model of Rat**  
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- XLVI. **Co-Delivery of VEGF siRNA and IL-4 into Chitosan Nanoparticles in Breast Tumor Model of Rat**  
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- XLVII. **Chitosan Mediated VEGF shRNA Transfer for the Treatment of Breast Cancer**  
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## Non Academic Experience

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