

## **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 pazı 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 pazı 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 Streptozotocin 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'xxnin 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 lycaonica- Loaded Poly(Lactic Acid) Nanofibers**  
ÇAM M. E., Cesur S., Taskin T., KABASAKAL L., GÜNDÜZ O.  
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- 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**  
ÇAM M. E., yıldız s., ERTAŞ B., TAŞKIN T., KABASAKAL L.  
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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**  
ÇAM M. E., AYAZ ADAKUL B., ERTAŞ B., ŞENER G., KABASAKAL L.  
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- XVII. **The inhibitory effects of Salvia triloba and Thymus praecox subsp. skorpilii var. skorpilii on acetylcholinesterase activity in 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**  
ÇAM M. E., AYAZ ADAKUL B., ERTAŞ B., ŞENER G., KABASAKAL L.  
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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 lycaonica- Loaded Poly(Lactic Acid) Nanofibers**  
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- XXII. **Cynara scolymus attenuates apoptotic and inflammatory damage on ileum of sepsis-induced rats**  
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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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- XXVIII. **Endemik origanum saccatum türünün antispazmodik aktivitesi**  
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- XXIX. **Endemik Oiganum saccatum Türünün Antispazmodik Aktivitesi**  
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24. Ulusal Farmakoloji Kongresi, Turkey, 17 - 20 October 2017
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- XXXI. **Ischemic Colitis of the Colon in Streptozotosin Induced Diabetic Rat**  
ELÇİOĞLU H. K., ÖZEL Y., KUDAŞ İ., ÇEVİKELLİ A. Z., UZUN H., AKTAŞ Ş., KABASAKAL L.  
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- XXXV. **Anti-inflammatory effect of Achillea multifida (DC.) Boiss. in carrageenan-induced inflammation models in rats**  
ÇAM M. E., ERTAŞ B., YILDIZ S., TAŞKIN T., KABASAKAL L., BİTİŞ L.  
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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**  
ERTİK O., ŞENER G., KABASAKAL L., YANARDAĞ R.  
International Turkic World Conference on Chemical Sciences and Technologies, 26 - 30 October 2016
- XXXVIII. **The effects of melatonin on muscle tissue in streptozotocin STZ diabetic rats**  
SAÇAN Ö., ÖZSOY N., CAN A., ŞENER G., KABASAKAL L., YANARDAĞ R.  
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- XXXIX. **The Investigation of Possible Protective Effect of Melatonin on Oxidant Injury in Streptozotocin induced Diabetic Rats Intestine**  
ŞENER G., KABASAKAL L., ÇEVİK Ö., AKÇAY G., MACİT Ç.  
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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**  
AKBUĞA J., TURAN S., SALVA E., ÖZKAN N., KABASAKAL L., ALAN S.  
American Society of Gene & Cell Therapy, 4 - 07 May 2016
- XLII. **MP86 10 Melatonin administration reorganizes cavernous tissue upregulates SIRT 1 genes and decreases oxidative damage in diabetic rats**  
ŞAHAN A., AKBAL C., TAVUKÇU H. H., ÇETİNEL Ş., TANIDIR Y., KABASAKAL L., ÇEVİK Ö., ŞENER G., ŞİMŞEK F.  
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**  
SAHAN A., AKBAL C., TAVUKÇU H. H., ÇETİNEL Ş., TANIDIR Y., KABASAKAL L., ÇEVİK Ö., ŞENER G., ŞİMŞEK F.  
AUA, 05 May 2016
- XLIV. **Tumor Inhibition by Using Chitosan: siRNA PDGFR-beta in Breast Cancer Model of Rat**  
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- XLV. **PDGF-D Inhibition by Using Chitosan: siRNA Complexes in Breast Cancer Model of Rat**  
AKBUĞA J., ÖZBAŞ TURAN S., KABASAKAL L., SALVA E., ÖZKAN N.  
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- XLVI. **Co-Delivery of VEGF siRNA and IL-4 into Chitosan Nanoparticles in Breast Tumor Model of Rat**  
SALVA E., ÖZBAŞ TURAN S., KABASAKAL L., EREN F., ALAN S., ÖZKAN N., AKBUĞA J.  
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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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