

Asst. Prof. HÜLYA TUBA KIYAN

Personal Information

Email: htkiyan@anadolu.edu.tr

Web: <https://avesis.anadolu.edu.tr/htkiyan>

International Researcher IDs

ORCID: 0000-0001-5304-868X

Yoksis Researcher ID: 59114

Education Information

Doctorate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmakognozi (Dr), Turkey 2010 - 2017

Postgraduate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmakognozi (YI) (Tezli), Turkey 2007 - 2010

Undergraduate, Anadolu University, ECZACILIK FAKÜLTESİ, Eczacılık Pr., Turkey 2003 - 2007

Dissertations

Doctorate, Bazı gentiana türlerinin farmakognozi yönünden incelenmesi, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmakognozi (Dr), 2017

Postgraduate, Bazı hypericum türlerinin uçucu yağ bileşimleri ve antianjiyojenik aktiviteleri, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmakognozi (YI) (Tezli), 2010

Academic Titles / Tasks

Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2018 - Continues

Research Assistant, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2007 - Continues

Academic and Administrative Experience

Anadolu University, 2017 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- Preparation, Characterization, Antioxidant Activities, and Determination of Anti-Alzheimer Effects of PLGA-Based DDSs Containing Ferulic Acid**
Arınmış K. N., Kıyan H. T., Öztürk A. A.
ACS Omega, vol.9, no.10, pp.11321-11338, 2024 (SCI-Expanded)
- A Novel Phytotherapy Application: Preparation, Characterization, Antioxidant Activities and Determination of Anti-inflammatory Effects by *In vivo* HET-CAM Assay of Chitosan-based DDSs Containing Endemic *Helichrysum pamphylicum* PH Davis & Kupicha Methanolic Extract**
Ismailovi N., KIYAN H. T., ÖZTÜRK A. A.

CURRENT DRUG DELIVERY, vol.21, no.6, pp.901-916, 2024 (SCI-Expanded)

- III. **Ketorolac Tromethamine Loaded Nano-Spray Dried Nanoparticles: Preparation, Characterization, Cell Viability, COL1A1 Gene Simulation and Determination of Anti-inflammatory Activity by *in vivo* HET-CAM Assay**
Öztürk A. A., Çevikelli T., Kaya Tilki E., Güven U. M., Kıyan H. T.
CURRENT DRUG DELIVERY, vol.20, no.6, pp.830-840, 2023 (SCI-Expanded)
- IV. **Synthesis, X-ray characterization and evaluation of potent anti-angiogenic activity of a novel copper(II)-imidazole-bipyridyl complex**
Unver H., DİKMEN G., KIYAN H. T.
INORGANIC AND NANO-METAL CHEMISTRY, vol.52, no.8, pp.1153-1160, 2022 (SCI-Expanded)
- V. **Nanoarchitectonics of PLGA based polymeric nanoparticles with oseltamivir phosphate for lung cancer therapy: In vitro-in vivo evaluation**
Yurtdas-Kirimliog G., Gogulu S., Guelec K., KIYAN H. T.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.67, 2022 (SCI-Expanded)
- VI. **Oseltamivir phosphate loaded pegylated-Eudragit nanoparticles for lung cancer therapy: Characterization, prolonged release, cytotoxicity profile, apoptosis pathways and in vivo anti-angiogenic effect by using CAM assay**
YURTDAS KIRIMLIOĞLU G., Gulec K., Gorgulu S., KIYAN H. T.
MICROVASCULAR RESEARCH, vol.139, 2022 (SCI-Expanded)
- VII. **Palladium (II) complex and thalidomide intercept angiogenic signaling via targeting FAK/Src and Erk/Akt/PLC gamma dependent autophagy pathways in human umbilical vein endothelial cells**
Aydinlik S., ÜVEZ A., KIYAN H. T., Gurel-Gurevin E., YILMAZ V. T., ULUKAYA E., ARMUTAK E. İ.
MICROVASCULAR RESEARCH, vol.138, 2021 (SCI-Expanded)
- VIII. **Diclofenac sodium loaded PLGA nanoparticles for inflammatory diseases with high anti-inflammatory properties at low dose: Formulation, characterization and in vivo HET-CAM analysis**
Öztürk A. A., Namli I., Gulec K., Kıyan H. T.
MICROVASCULAR RESEARCH, vol.130, 2020 (SCI-Expanded)
- IX. **Effect of different molecular weight PLGA on flurbiprofen nanoparticles: formulation, characterization, cytotoxicity, and in vivo anti-inflammatory effect by using HET-CAM assay**
Öztürk A. A., Yenilmez E., Şenel B., Kıyan H. T., Güven U. M.
DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, vol.46, no.4, pp.682-695, 2020 (SCI-Expanded)
- X. **Treatment of oxidative stress-induced pain and inflammation with dexketoprofen trometamol loaded different molecular weight chitosan nanoparticles: Formulation, characterization and anti-inflammatory activity by using in vivo HET-CAM assay**
Öztürk A. A., Kıyan H. T.
MICROVASCULAR RESEARCH, vol.128, 2020 (SCI-Expanded)
- XI. **Detection of the Genotoxicity of Gentiana L. Extracts by Using RAPD-PCR and ISSR-PCR Techniques**
ERÖZ POYRAZ İ., POYRAZ İ., KIYAN H. T., ÖZTÜRK N., Erken S., Gulbag F., ÖZZAMBAK M. E.
INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH, vol.52, no.4, 2018 (SCI-Expanded)
- XII. **Chloroquine Used in Combination with Chemotherapy Synergistically Suppresses Growth and Angiogenesis In Vitro and In Vivo**
Gurel-Gurevin E., KIYAN H. T., ESENER O. B. B., Aydinlik S., ÜVEZ A., ULUKAYA E., Dimas K., ARMUTAK E. İ.
ANTICANCER RESEARCH, vol.38, no.7, pp.4011-4020, 2018 (SCI-Expanded)
- XIII. **Anti-angiogenic effect of a Palladium(II)-Saccharinate Complex of Terpyridine in vitro and in vivo**
ARMUTAK E. İ., Gurel-Gurevin E., KIYAN H. T., Aydinlik S., YILMAZ V. T., Dimas K., Ulukaya E.
MICROVASCULAR RESEARCH, vol.109, pp.26-33, 2017 (SCI-Expanded)
- XIV. **Total Phenolic Content and Biological Activities of Gentiana Pyrenaica L**
KIYAN H. T., ÖZTÜRK N., ERÖZ POYRAZ İ.
FREE RADICAL BIOLOGY AND MEDICINE, vol.100, 2016 (SCI-Expanded)
- XV. **Biological Studies on Alnus Orientalis Var. pubescens Dippel Leaves**
KIYAN H. T.

- FREE RADICAL BIOLOGY AND MEDICINE, vol.100, 2016 (SCI-Expanded)
- XVI. **Evaluation of Biological Activities of Hypericum Perforatum L. and Hypericum Calycinum L. Extracts**
ÖZTÜRK N., KIYAN H. T.
FREE RADICAL BIOLOGY AND MEDICINE, vol.100, 2016 (SCI-Expanded)
- XVII. **Evaluation of Biological Activities of Three Stachys Species from Turkey**
ÖZTÜRK N., KIYAN H. T., ÖZKAY Y., SAĞLIK B. N., Savarog F.
FREE RADICAL BIOLOGY AND MEDICINE, vol.100, 2016 (SCI-Expanded)
- XVIII. **The Effects of Cichorium intybus Extract on Cerebellar Apoptosis and Oxidative Stress in Pentylene-tetrazole-induced Kindling Model in Rats**
MERAL İ., GÜREL GÜREVİN E., ÜSTÜNOVA S., Demirtas M., ÖZTÜRK N., KIYAN H. T., ARMUTAK E. İ., Sogut I., Erkeç Ö. E.
ACTA PHYSIOLOGICA, vol.218, pp.79, 2016 (SCI-Expanded)
- XIX. **The in vivo angiogenic evaluation of Alnus glutinosa subsp barbata Gaertn. and A-orientalis var. pubescens Decne. volatiles**
KIYAN H. T., DEMİRCİ B.
ANGIOGENESIS, vol.17, no.3, pp.751, 2014 (SCI-Expanded)
- XX. **The in vivo evaluation of anti-angiogenic effects of two thiazole compounds using the chorioallantoic membrane assay**
YURTTAŞ L., KIYAN H. T., ÖZKAY Y., KAPLANCIKLI Z. A., DEMİRCİ B., DEMİRCİ F.
ANGIOGENESIS, vol.17, no.3, pp.773-774, 2014 (SCI-Expanded)
- XXI. **The in vivo evaluation of anti-angiogenic effects of Hypericum essential oils using the chorioallantoic membrane assay**
KIYAN H. T., DEMİRCİ B., Baser K. H. C., DEMİRCİ F.
PHARMACEUTICAL BIOLOGY, vol.52, no.1, pp.44-50, 2014 (SCI-Expanded)
- XXII. **Biting Deterrence, Repellency, and Larvicidal Activity of Ruta chalepensis (Sapindales: Rutaceae) Essential Oil and Its Major Individual Constituents Against Mosquitoes**
Ali A., DEMİRCİ B., KIYAN H. T., Bernier U. R., Tsikolia M., Wedge D. E., Khan I. A., BAŞER K. H. C., Tabanca N.
JOURNAL OF MEDICAL ENTOMOLOGY, vol.50, no.6, pp.1267-1274, 2013 (SCI-Expanded)
- XXIII. **Psychopharmacological profile of Chamomile (Matricaria recutita L.) essential oil in mice**
CAN Ö. D., DEMİR ÖZKAY Ü., KIYAN H. T., DEMİRCİ B.
PHYTOMEDICINE, vol.19, no.3-4, pp.306-310, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **FARKLI NERGİS KÜLTÜR ÇEŞİTLERİ SOĞANLARININ IN VITRO ANTIÖKSİDAN, ASETİLKOLİNESTERAZ ve BÜTİRİLKOLİNESTERAZ AKTİVİTELERİ**
ERÖZ POYRAZ İ., KIYAN H. T., ZEYBEKOĞLU E., ÖZZAMBAK M. E., ÖZTÜRK N.
Eskişehir Teknik Üniversitesi Bilim ve Teknoloji Dergisi C- yaşam Bilimleri ve Biyoteknoloji (Online), vol.10, no.2, pp.90-101, 2021 (Peer-Reviewed Journal)
- II. **Antiinflammatory effect of levetiracetam in the HET-CAM assay**
ALYU TEKEŞ F., KIYAN H. T., ÖZTÜRK Y.
Anatomy, vol.11, no.Suppl 1, pp.80, 2017 (Peer-Reviewed Journal)
- III. **VOLATILE COMPOUNDS OF COFFEA ARABICA L. GREEN AND ROASTED BEANS**
ERÖZ POYRAZ İ., ÖZTÜRK N., KIYAN H. T., DEMİRCİ B.
Eskişehir Teknik Üniversitesi Bilim ve Teknoloji Dergisi C- yaşam Bilimleri ve Biyoteknoloji (Online), vol.5, no.1, pp.31-35, 2016 (Peer-Reviewed Journal)
- IV. **Anti Angiogenic Effects of Diltiazem Imatinib and Bevacizumab in the CAM Assay**
YILDIZ Ç., ÇETİN A., DEMİRCİ F., Akın Polat Z., KIYAN H. T., ALTUN A., ÇETİN M., KAYIM YILDIZ Ö., Göze İ.
International Journal of Scientific and Research Publications, vol.3, no.8, pp.1-8, 2013 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of antialzheimer and antiangiogenic activities of donepezil hydrochloride loaded PLGA nanoparticle (NP) systems by in vitro AchE and BuChE inhibitor activity analyzes and in vivo CAM method**
Kömür M., Kıyan H. T., Öztürk A. A.
EPHAR 2024, Athens, Greece, 23 - 26 June 2024, pp.199
- II. **In vitro biological evaluation on *Abies cilicica* (Ant. & Kotschy) Carr. subsp. *isaurica* Coode & Cullen methanolic extract**
KIYAN H. T., Manav M., Tekgöz M., SOYER P.
6th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2023) October 11-13, 2023., Turkey, 11 October 2023
- III. **In vitro biological evaluation on *Pinus brutia* Ten. var. *pendulifolia* Frankis extracts**
KIYAN H. T., Manav M., Tekgöz M., SOYER P.
6th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2023) October 11-13, 2023., Turkey, 11 - 13 October 2023
- IV. **Pd (II)-phosphine-benzimidazole derivative complexes with in vitro antioxidant and in vivo antiangiogenic potentials**
KIYAN H. T., SOYER P., ÜNVER H., EROL KUTUCU D.
6th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2023), Turkey, 11 October 2023, pp.1577-1581
- V. ***Lauris nobilis* L. essential oil loaded gel suitable for dermacosmetic use: Preparation, Characterization, In vitro Biological Activity and In vivo Cosmetic Irritation**
Öztürk A. A., Kıyan H. T.
EUFEPS Annual Meeting 2023, Lisbon, Portugal, 31 May - 02 June 2023, pp.191
- VI. **Determination of the anti-inflammatory activity of nano spray-dried nanoparticles with in vivo HET-CAM assay that can be used in post-operative wound healing**
Öztürk A. A., Çevikelli T., Güven U. M., Kıyan H. T.
International Congress on Biological and Health Science, İstanbul, Turkey, 24 - 27 February 2022, pp.1-6
- VII. **TOPICAL CREAM CONTAINING *RUTA MONTANA* L. ESSENTIAL OIL: PREPARATION, CHARACTERIZATION, IN VITRO AND IN VIVO BIOLOGICAL ACTIVITY**
Kıyan H. T., Tüysüz T., Çimik A., Yaylacı Ö. K., Özek G., Öztürk A. A.
3rd International Gazi Pharma Symposium Series (GPSS-2021), Ankara, Turkey, 8 - 10 September 2021, pp.178
- VIII. **LAVANDULA X INTERMEDIA EMERIC EX LOISEL ESSENTIAL OIL-LOADED TOPICAL CREAM SUITABLE FOR DERMACOSMETIC USE: PREPARATION, CHARACTERIZATION, IN VITRO BIOLOGICAL ACTIVITY**
Kıyan H. T., Öğüt K., Tüysüz T., Çimik A., Özek G., Öztürk A. A.
3rd International Gazi Pharma Symposium Series (GPSS-2021), Ankara, Turkey, 8 - 10 September 2021, pp.176
- IX. **IN VIVO AND IN VITRO ANTI-INFLAMMATORY POTENTIALS OF *ABIES CILICICA* (ANT. & KOTSCHY) CARR. SUBSP. *ISAUERICA* COODE & CULLEN ESSENTIAL OIL: A POTENTIAL ACTIVE PHARMACEUTICAL INGREDIENT (API) FOR TOPICAL DRUG DELIVERY SYSTEMS**
Kıyan H. T., Tüysüz T., Çimik A., Özek G., Özek T., Öztürk A. A.
3rd International Gazi Pharma Symposium Series (GPSS-2021), Ankara, Turkey, 8 - 10 September 2021, pp.63
- X. **In Vitro Biological Effects of Endemic Anatolian Spotted Newt Dermal Venom: A Potential Active Pharmaceutical Ingredient (API) for Drug Delivery Systems**
Karış M., Çimik A., Gürel Gürevin E., Öztürk A. A., Kıyan H. T.
13th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 22 - 25 June 2021, no.129, pp.114-115
- XI. **In Vivo Anti-Angiogenic and Anti-Inflammatory Potentials of R(+) or S(-) Limonene Loaded EUDRAGIT® RS 100 Nanoparticles**
Kıyan H. T., Öztürk A. A.
13th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 22 - 25 June 2021, pp.122-123

- XII. **The anti-angiogenic effect of the Palladium(II) Complex-[PdCl(terpy)](sac).2H₂O] on HUVECs tube formation and in vivo CAM assay**
ÜVEZ A., AYDINLIK Ş., KIYAN H. T., GÜREL GÜREVİN E., ULUKAYA E., YILMAZ V. T., ARMUTAK E. İ.
7. Multidisipliner Kanser Araştırma ve 1. Temel Onkoloji Kongresi, 11 - 14 October 2018, pp.201
- XIII. **Antioxidant activity and total phenolic content of Psidium guajava Linn. fruits from Turkey**
KIYAN H. T., ÖZTÜRK N.
CHIMALI, Camerino, Italy, 24 - 27 September 2018
- XIV. **Antioxidant evaluation of Moringa oleifera Lam. extracts from Turkey**
KIYAN H. T., ÖZTÜRK N.
CHIMALI, Camerino, Italy, 24 - 27 September 2018
- XV. **Natural Acetylcholinesterase Inhibitors Used in Alzheimer's Disease Treatment.**
DEMİRKILIÇ O., ALYU ALTINOK F., KIYAN H. T.
The 18th World Congress of Basic and Clinical Pharmacology, 01 July 2018
- XVI. **Detection of the Genotoxicity of Gentiana L. Extracts by using RAPD-PCR and ISSR-PCR Techniques**
ERÖZ POYRAZ İ., POYRAZ İ., KIYAN H. T., ÖZTÜRK N., Erken S., Gülbağ F., ÖZZAMBAK M. E.
The Second Japan-Turkey International Symposium on Pharmaceutical and Biomedical Sciences, 11 - 12 September 2017
- XVII. **Antiinflammatory Effect Of Levetiracetam In The Het-cam Assay**
ALYU F., KIYAN H. T., ÖZTÜRK Y.
15. Ulusal Sinirbilim Kongresi, 7 - 10 May 2017, vol.7, pp.1-86
- XVIII. **Evaluation of Antioxidant and Anti-inflammatory Activity of Ecballium elaterium (L.) A. Rich. Fruit Juice**
ÜVEZ A., KIYAN H. T., ESENER O. B. B., GÜREL GÜREVİN E., ÖZTÜRK N., ERÖZ POYRAZ İ., SARAÇOĞLU A., ARMUTAK E. İ.
19. International Veterinary Medicine Students Scientific Research Congress, İstanbul, Turkey, 2 - 04 May 2017
- XIX. **Kanser Araştırmalarında Anjiyogenez Ve Anjiyogenez DeneyModellerinin Önemi**
KIYAN H. T.
ULUSAL UYGULAMALI BİYOLOJİK BİLİMLER KONGRESİ, Konya, Turkey, 26 - 29 December 2016
- XX. **Total Phenolic Contents and Antioxidant Activities of Some Stachys Taxa**
KIYAN H. T., ÖZTÜRK N., ERÖZ POYRAZ İ.
16th International Nutrition & Diagnostics Conference, 2 - 06 October 2016
- XXI. **BETALAIN AND PHENOLIC CONTENTS AND ANTIOXIDANT PROPERTIES OF TURKISH BETA VULGARIS L SSP VULGARIS RED BEET**
ÖZTÜRK N., ok düker g., KIYAN H. T.
16th International Nutrition & Diagnostics Conference, 3 - 06 October 2016
- XXII. **The Effects of Cichorium intybus Extract on Cerebellar Apoptosis and Oxidative Stress in Pentylenetetrazole-induced Kindling Model in Rats**
MERAL İ., GÜREL GÜREVİN E., ÜSTÜNOVA S., demirtaş m., ÖZTÜRK N., KIYAN H. T., ARMUTAK E. İ., SÖĞÜT İ., ERGÜL ERKEÇ Ö.
42. National Physiology Congress, Düzce, Turkey, 5 - 08 August 2016, vol.218, pp.79
- XXIII. **Chloroquine enhances the antiangiogenic effect of doxorubicin on the chorioallantoic membrane CAM in vivo**
ARMUTAK E. İ., GÜREL GÜREVİN E., KIYAN H. T., ESENER O. B. B., AYDINLIK Ş., ÜVEZ A., DİMAS K., ULUKAYA E.
24th Biennial Congress of the European Association for Cancer Research (EACR24), 9 - 12 July 2016
- XXIV. **A fast, applied, practicable way for synthesis of amide derivatives using silica gel**
HUSSEIN W., KAPLANCIKLI Z. A., ÖZKAY Y., ÖZTÜRK N., KIYAN H. T., SAĞLIK B. N.
International Multidisciplinary Symposium On Drug Research Development'15 (DRD-2015), Eskişehir, Turkey, 15 - 17 October 2015
- XXV. **Chemical Characterization and Biological Evaluation of the Volatiles of Alnus glutinosa subsp. barbata Gaertn. and A. orientalis var. pubescens Decne.**
KIYAN H. T., DEMİRCİ B., GÖGER G., DEMİRCİ F.

International Conference on Antimicrobial Research, Spain, 1 - 03 October 2014

XXVI. Chemical Characterization of the Volatiles and Fixed Oil of the Seeds of *Nigella damascena* L and Biological Evaluation

DEMİRCİ B., TULUKCU E., KIYAN H. T., BAŞER K. H. C., DEMİRCİ F.

III International Conference on Antimicrobial Research - ICAR2014, Madrid, 1 - 03 October 2014

XXVII. Volatile Compounds of *Coffea arabica* L Green and Roasted Beans

ÖZTÜRK N., ERÖZ POYRAZ İ., KIYAN H. T., DEMİRCİ B.

45th ISEO-International Symposium on Essential Oils, İstanbul, Turkey, 7 - 10 September 2014

XXVIII. The Chemical Composition and Antioxidant Activity of Avocado (*Persea gratissima* Gaertner.) seed and leaf essential oils

KIYAN H. T., DEMİRCİ B., DEMİRCİ F., BAŞER K. H. C.

9th SCNC, Urumçi, China, 16 - 19 October 2011

XXIX. Antimicrobial and antioxidant evaluation of *Vitex agnus castus* essential oil

AĞALAR H. G., KIYAN H. T., GÖGER F., DEMİRCİ B., DEMİRCİ F., BAŞER K. H. C.

41st International Symposium on Essential Oils, 5 - 08 September 2010

XXX. The in vivo Angiogenic Evaluation of Betulin

DEMİRCİ F., AĞALAR H. G., KIYAN H. T., DEMİRCİ B., BAŞER K. H. C.

58th Annual Meeting of The Society for Medicinal Plant and Natural Product Research (58th GA), Berlin, Germany, 29 August - 02 September 2010, vol.76

Supported Projects

KIYAN H. T., Project Supported by Higher Education Institutions, 7-Hidroksikumarin (umbelliferon) substitüe benzimidazolium hibrit organik tuzlarının dizaynı, sentezi ve in vitro ve in vivo anti-enflamatuvar aktivitelerinin araştırılması, 2021 - Continues

KIYAN H. T., ÖZTÜRK A. A., Project Supported by Higher Education Institutions, Centaurium erythraea Rafn. metanol ekstresi ve yeni vanilin trifenilfosforyum tuzu içeren yarı katı sistemlerin hazırlanması, in vitro/in vivo biyolojik aktiviteleri ve iritasyon profillerinin belirlenmesi, 2021 - Continues

KIYAN H. T., Project Supported by Higher Education Institutions, Yeni benzimidazolium tuzları sentezi, karakterizasyonu ve in vivo antianjiyojenik etkinliklerinin incelenmesi, 2020 - Continues

KIYAN H. T., ÖZEK T., Project Supported by Higher Education Institutions, *Abies cilicica* (Ant. Kotschy) Carr. subsp. *isaurica* Coode Cullen, *Pinus brutia* Ten. var. *pendulifolia* Frankis ve *Ulmus minor* Miller subsp. *canescens* (Melville) Browicz Zielinski türlerinin fitokimyasal bileşimleri ile in vivo ve in vitro anti-anjiyojenik ve anti-enflamatuvar potansiyellerinin araştırılması, 2019 - Continues

ERÖZ POYRAZ İ., KIYAN H. T., Project Supported by Higher Education Institutions, Eskişehir Çevresinde Yetişen Bazı *Delphinium* L. (Ranunculaceae) Taksonlarının Morfolojik ve Anatomik Özellikleri, 2019 - Continues

KIYAN H. T., Project Supported by Higher Education Institutions, Dorsal kök gangliyon nöronlarında bazı *Salvia* türlerinin fitokimyasal bileşimleri ve kapsaisin ile oluşan yanıtlar üzerine etkilerinin araştırılması, 2018 - Continues

Öztürk A. A., Kıyan H. T., Kömür M., Project Supported by Higher Education Institutions, Preparation and characterization of donepezil hydrochloride encapsulated Resomer RG 502 based nanopharmaceuticals designed for use in Alzheimer's treatment, 2023 - 2024

Öztürk A. A., Kaya Tilki E., Kıyan H. T., Güven U. M., Çevikelli T., Project Supported by Higher Education Institutions, COL1A1 geni üzerine etkili topikal sistemlerin formülasyonu, karakterizasyonu ve in vivo HET-CAM testi ile anti-inflamatuvar etkinliğinin belirlenmesi, 2021 - 2023

Öztürk A. A., Kıyan H. T., Ünver H., Project Supported by Higher Education Institutions, Antikanser etkili piridin karboksamit ve paladyum(II)-piridin karboksamit türevlerinin sentezi, ilaç taşıyıcı sistem olarak tasarlanması ve in vivo CAM analizi ile antianjiyojenik etkinliğinin değerlendirilmesi, 2020 - 2021

KIYAN H. T., ÖZEK G., ÖZEK T., ÖZTÜRK A. A., Project Supported by Higher Education Institutions, *Mentha spicata* L. yaprak ve *Citrus x sinensis* L. kabuk uçucu yağlarından limonen enantiyomerlerinin izolasyonu ile uçucu yağ, enantiyomerler ve bunlardan hazırlanan nanopartiküllerin in vivo anjiyogenez, antienflamatuvar aktivitelerinin ve in

vitro antioksidan etkilerinin araştırılması, 2019 - 2020

KIYAN H. T., Project Supported by Higher Education Institutions, Pd(II)-fosfin-benzimidazol türevi komplekslerin sentezi ve bu komplekslerin antioksidan ve antianjiyogenik etkileri, 2019 - 2019

KIYAN H. T., Project Supported by Higher Education Institutions, Moringa oleifera Lam.'nın fitokimyasal bileşimi ile in vitro antioksidan ve antikolinesteraz aktivitelerinin incelenmesi, 2018 - 2019

ERÖZ POYRAZ İ., YAYLACI Ö. K., KIYAN H. T., Project Supported by Higher Education Institutions, Salvia aethiopis L. ve S. dichroantha Stapf türlerinin uçucu yağları ve sabit yağ asitlerinin araştırılması, 2018 - 2019

ERÖZ POYRAZ İ., KIYAN H. T., Project Supported by Higher Education Institutions, Ecballium elaterium (L.). A. Rich. (Cucurbitaceae) Üzerinde Anatomik İncelemeler, 2018 - 2018

ERÖZ POYRAZ İ., KIYAN H. T., Project Supported by Higher Education Institutions, Hypericum thymopsis Boiss. türünün fitokimyasal bileşiminin ve in vitro antioksidan aktivitesinin incelenmesi, 2017 - 2018

KIYAN H. T., Project Supported by Higher Education Institutions, Kardiyovasküler Hastalıkların Tedavisinde Kullanılan Anjiyotensin Reseptör ve TRPC Kanal Blokerlerinin Anjiyogenez Üzerindeki Etkilerinin CAM Metoduyla İncelenmesi, 2016 - 2018

KIYAN H. T., Project Supported by Higher Education Institutions, Bir Paladyum II PdCl terpi sak 2H₂O Kompleksinin In Vivo Antianjiyogenik Etkisi, 2016 - 2018

KIYAN H. T., Project Supported by Higher Education Institutions, Bir Paladyum (II) (PdCl(terpi)(sak).2H₂O) Kompleksinin In vivo Antianjiyogenik Etkisi, 2016 - 2018

KIYAN H. T., Project Supported by Higher Education Institutions, Doksorubisin ve Klorokin Kombinasyonunun In Vivo Antianjiyogenik Etkisi, 2016 - 2018

KIYAN H. T., SAĞLIK B. N., Project Supported by Higher Education Institutions, 1508S584 - "Bazı Gentiana Türlerinin Fitokimyasal ve Biyolojik Aktivite Yönünden İncelenmesi" (Anadolu Üniversitesi AUBAP-Genel Amaçlı Proje), 2015 - 2018

ERÖZ POYRAZ İ., KIYAN H. T., Project Supported by Higher Education Institutions, Bazı Gentiana türlerinin fitokimyasal ve biyolojik aktivite yönünden incelenmesi, 2015 - 2018

ERÖZ POYRAZ İ., KIYAN H. T., ÖZTÜRK N., DEMİR T., Project Supported by Higher Education Institutions, Narcissus kök bulbusları üzerinde in vitro antioksidan, AChE ve BuChE aktivitelerinin incelenmesi, 2016 - 2017

KIYAN H. T., Project Supported by Higher Education Institutions, Klorokin ve Doksorubisin Kombinasyonunun CAM In vivo Modelinde Anti-Anjiyogenik Etkisi, 2015 - 2017

ERÖZ POYRAZ İ., KIYAN H. T., ÖZTÜRK N., Project Supported by Higher Education Institutions, Ecballium elaterium L A Rich bitkisinin meyve suyu ve kök ekstresinin fitokimyasal ve antienflamatuvar etki yönünden incelenmesi, 2016 - 2016