

Prof. FİLİZ BAKAR ATEŞ

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAG-3843-2020

ScopusID: 35112719800

Yoksis Researcher ID: 108204

Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Biyokimya (Dr) (Eczacılık), Turkey 2007 - 2012

Postgraduate, Ankara University, Sağlık Bilimleri Enstitüsü, Biyokimya (YI) (Tezli) (Eczacılık), Turkey 2004 - 2007

Undergraduate, Ankara University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 2000 - 2004

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Tip 1 diabetes mellitus'xxta gözlenen kronik komplikasyonlarda annexin u ve annexin v proteinlerinin rolleri, Ankara University, Sağlık Bilimleri Enstitüsü, Biyokimya (Dr) (Eczacılık), 2012

Postgraduate, Böbrek transplantasyon hastalarında LDL'xxnin oksidasyona yakınlığı, Ankara University, Sağlık Bilimleri Enstitüsü, Biyokimya (YI) (Tezli) (Eczacılık), 2007

Research Areas

Pharmacology and Therapeutics

Academic Titles / Tasks

Professor, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2024 - Continues

Associate Professor, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2018 - 2024

Assistant Professor, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2014 - 2018

Research Assistant, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2005 - 2014

Academic and Administrative Experience

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2022 - Continues
Birim Kalite Komisyonu Üyesi, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2019 - Continues
Anabilim Dalı Akademik Kurul Üyesi, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2014 - Continues
Deputy Head of Department, Ankara University, 2020 - 2022
Ankara University, 2012 - 2014

Courses

Research Project II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Araştırma Projesi II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Biyokimya II, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Biochemical Practice, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
Biyokimyasal Hesaplamalar, Postgraduate, 2023 - 2024, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Biochemical Basis of Diseases, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Protein Biyosentezi ve Regülasyonu, Doctorate, 2022 - 2023, 2019 - 2020, 2018 - 2019, 2016 - 2017
Biochemistry II, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
Nutritional Biochemistry, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Clinical Biochemistry, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
Biochemistry I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
Araştırma Projesi I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Clinical Biochemistry, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
BİYOKİMYADA İLERİ ARAŞTIRMA TEKNİKLERİ UYGULAMA, Doctorate, 2022 - 2023
Biyokimya Uygulama, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
Biyokimya I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
Hastalıkların Biyokimyasal Temelleri, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
BİYOKİMYADA İLERİ ARAŞTIRMA TEKNİKLERİ TEORİK, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2017 - 2018, 2016 - 2017
Beslenme Biyokimyası, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
Research Project I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Kanser Biyokimyası, Doctorate, 2022 - 2023, 2021 - 2022, 2018 - 2019, 2015 - 2016, 2014 - 2015
Hücre Biyolojisi, Postgraduate, 2022 - 2023
Doku Biyokimyası, Doctorate, 2022 - 2023, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2016 - 2017
Genel Biyokimyada Matematiksel Problem Çözümü, Doctorate, 2022 - 2023
Metabolizma I, Postgraduate, 2022 - 2023
Hücre Kültürü Pratiği, Doctorate, 2019 - 2020, 2015 - 2016, 2013 - 2014
Organik Kimya ve Biyokimya Teorik (Diş Hekimliği), Undergraduate, 2018 - 2019, 2016 - 2017, 2015 - 2016, 2014 - 2015
Metabolik İntegrasyon ve Besin Etkileşimleri, Postgraduate, 2018 - 2019
Organik Kimya ve Biyokimya Uygulama (Diş Hekimliği), Undergraduate, 2018 - 2019, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
Hücre Kültürü Uygulama, Doctorate, 2018 - 2019
Hücre Kültürü Teorik, Doctorate, 2016 - 2017, 2015 - 2016, 2014 - 2015

Advising Theses

- Bakar Ateş F., Floroglusinol'un İnsan Prostat Kanseri Hücrelerinde Sitotoksik ve Apoptotik Etkinliğinin Değerlendirilmesi, Postgraduate, Z.RÜMEYSA(Student), 2023
- Bakar Ateş F., Dulcitol'un Çeşitli Meme Kanseri Hücrelerinde Apoptotik Etki Mekanizmalarının Araştırılması, Doctorate, B.YANIK(Student), 2023
- Bakar Ateş F., İNSAN PROSTAT KARSİNOMA VE OVER ADENOKARSİNOMA HÜCRELERİNE KARDİYAK FİBROBLAST HÜCRE KAYNAKLI MITOKONDRI TRANSPLANTASYONUNUN PAKLITAKSEL DUYARLILIĞINA ETKİSİNİN ARAŞTIRILMASI, Doctorate, A.ÇELİK(Student), 2022
- Bakar Ateş F., Çeşitli Kemoterapötiklerin Meme Kanseri Hücreleri Üzerinde Ferroptozu İndükleyici Etkilerinin Araştırılması, Doctorate, E.ÖZKAN(Student), 2022
- Bakar Ateş F., Hemofili Hastalarında Endoglin ve Çeşitli Anjiyogenik Faktörlerin İlişkisinin Değerlendirilmesi, Doctorate, K.KARAMAN(Student), 2022
- BAKAR ATEŞ F., Piroksikam'ın İnsan Prostat Kanseri Hücrelerinde Antikanser Etkinliğinin Değerlendirilmesi, Postgraduate, C.ŞAHİNER(Student), 2020
- BAKAR ATEŞ F., Bronkopulmoner Displazi Hastalarında Çeşitli Adipositokin Düzeyleri ve İnflamatuar Mikroçevre İlişkisinin Araştırılması, Doctorate, B.HOTI(Student), 2020
- BAKAR ATEŞ F., Kolorektal Kansere Hastalarında Endoglin Düzeyi ile İnflamatuar Mikroçevre İlişkisinin Araştırılması, Postgraduate, G.ÖZŞENER(Student), 2019
- BAKAR ATEŞ F., Tip 2 Diyabet Hastalarında Osteokalsin'in Diyabet ve Dislipidemi Parametreleri ile İlişkisi, Postgraduate, B.HOTI(Student), 2015

Jury Memberships

- Doctoral Examination, Doctoral Examination, Hacettepe Üniversitesi, December, 2023
- PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, June, 2023
- PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, June, 2023
- PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Hacettepe Üniversitesi, May, 2023
- Doctorate, Doctorate, Gazi Üniversitesi, January, 2023
- PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, July, 2022
- Doctorate, Doctorate, Gazi Üniversitesi, July, 2022

Designed Lessons

- Bakar Ateş F., Biyokimya İleri Araştırma Teknikleri, Doctorate, 2016 - 2017
- Bakar Ateş F., Biyokimya İleri Araştırma Teknikleri, Doctorate, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- Ballota acetabulosa (L.) Bentham: A First-Time GC-MS Analysis and Antioxidant Potential of its Essential Oil**
YAZGAN EKİCİ A. N., BAKAR ATEŞ F., Sever-Yılmaz B., ASLAN ERDEM S.
COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, 2024 (SCI-Expanded)
- Role of parental smoking and environmental tobacco smoke exposure in childhood cancer: A study using hair cotinine analysis and questionnaires**
Guzel A., TAÇYILDIZ N., BAKAR ATEŞ F., Ozyoruk D., ÇELİK A., UĞUR DİNÇASLAN H., Unal E. C.
PEDIATRIC BLOOD & CANCER, vol.71, no.7, 2024 (SCI-Expanded)

- III. **2-(Methyl(phenyl)amino)-N-(phenyloxyphenyl)acetamide structural motif representing a framework for selective SIRT2 inhibition**
KAYA S. G., EREN G., Massarotti A., BAKAR ATEŞ F., Ozkan E., GÖZELLE M., ÖZKAN Y.
DRUG DEVELOPMENT RESEARCH, vol.85, no.4, 2024 (SCI-Expanded)
- IV. **Effects of pyrrolopyrimidine derivatives on cancer cells cultured in vitro and potential mechanism.**
Kilic-Kurt Z., Celik A., Bakar-Ates F.
Naunyn-Schmiedeberg's archives of pharmacology, vol.397, no.5, pp.3169-3177, 2024 (SCI-Expanded)
- V. **Cucurbitacin B and erastin co-treatment synergistically induced ferroptosis in breast cancer cells via altered iron-regulating proteins and lipid peroxidation**
BAKAR ATEŞ F., Ozkan E.
Toxicology in vitro : an international journal published in association with BIBRA, vol.94, pp.105732, 2024 (SCI-Expanded)
- VI. **In silico approach reveals N-(5-phenoxythiophen-2-yl)-2-(arylthio)acetamides as promising selective SIRT2 inhibitors: the case of structural optimization of virtual screening-derived hits**
GÖZELLE M., BAKAR ATEŞ F., Massarotti A., Ozkan E., Gunindi H. B., ÖZKAN Y., EREN G.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, 2023 (SCI-Expanded)
- VII. **Cuproptosis as the new kryptonite of cancer: a copper-dependent novel cell death mechanism with promising implications for the treatment of hepatocellular carcinoma**
Ozkan E., Bakar Ates F.
JOURNAL OF CANCER RESEARCH AND CLINICAL ONCOLOGY, vol.149, no.19, pp.17663-17670, 2023 (SCI-Expanded)
- VIII. **New Flavone Derivatives Targeting BET Proteins in Cancer: Synthesis, Structure Analysis and Investigation of Bromodomain Inhibitory Activities**
Gultekin I., Ozkan E., BAKAR ATEŞ F., BOZDAĞ DÜNDAR O.
CHEMISTRYSELECT, vol.8, no.41, 2023 (SCI-Expanded)
- IX. **Alpha-lipoic acid induced apoptosis of PC3 prostate cancer cells through an alteration on mitochondrial membrane depolarization and MMP-9 mRNA expression**
ÇELİK A., BAKAR ATEŞ F.
Medical Oncology, vol.40, no.8, 2023 (SCI-Expanded)
- X. **The five Ferulago species inhibited cell proliferation and induced apoptosis of A549, MCF-7, PC3 and SW480 cancer cells in vitro**
GÜRBÜZ İ., GÜNBATAN T., BAKAR ATEŞ F., Hoti B., DUMAN H., KILIÇ C. S.
3 BIOTECH, vol.13, no.5, 2023 (SCI-Expanded)
- XI. **Mitochondrial transplantation: Effects on chemotherapy in prostate and ovarian cancer cells in vitro and in vivo**
ÇELİK A., Orfany A., Dearling J., del Nido P. J., McCully J. D., BAKAR ATEŞ F.
Biomedicine and Pharmacotherapy, vol.161, 2023 (SCI-Expanded)
- XII. **Investigation on formulation parameters of donepezil HCl loaded solid lipid nanoparticles**
Topal G. R., Küçüktürkmen B., Öz U. C., Özkan E., Bakar Ates F., Bozkır A.
BRAZILIAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.59, no.59, pp.1-11, 2023 (SCI-Expanded)
- XIII. **Etoposide in combination with erastin synergistically altered iron homeostasis and induced ferroptotic cell death through regulating IREB2/FPN1 expression in estrogen receptor positive-breast cancer cells**
Ozkan E., Bakar-Ates F.
Life Sciences, vol.312, 2023 (SCI-Expanded)
- XIV. **Atorvastatin induces downregulation of matrix metalloproteinase-2/9 in MDA-MB-231 triple negative breast cancer cells**
BAKAR ATEŞ F., Ozkan E.
Medical Oncology, vol.40, no.1, 2023 (SCI-Expanded)
- XV. **Lonidamine loaded Poly(ethylene glycol)-block-poly(epsilon-caprolacton) nanocarriers inhibited**

the proliferation of colorectal cancer cells through G0/G1 cell cycle arrest

BAKAR ATEŞ F., ŞENGEL TÜRK C. T.

JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.77, 2022 (SCI-Expanded)

- XVI. **Evaluation of environmental tobacco smoke exposure of pediatric patients with chronic lung diseases**
Gunes S. A., Ozcan G., Zirek F., Tekin M. N., BAKAR ATEŞ F., ÇOBANOĞLU F. N.
EUROPEAN RESPIRATORY JOURNAL, 2022 (SCI-Expanded)
- XVII. **Box-Behnken design optimization and in vitro cell based evaluation of piroxicam loaded core-shell type hybrid nanocarriers for prostate cancer**
ŞENGEL TÜRK C. T., Ozkan E., BAKAR ATEŞ F.
Journal of Pharmaceutical and Biomedical Analysis, vol.216, 2022 (SCI-Expanded)
- XVIII. **Hit evaluation results in 5-benzyl-1,3,4-thiadiazole-2-carboxamide based SIRT2-selective inhibitor with improved affinity and selectivity**
GÖZELLE M., KAYA S. G., AKSEL A. B., Ozkan E., BAKAR ATEŞ F., ÖZKAN Y., EREN G.
Bioorganic Chemistry, vol.123, 2022 (SCI-Expanded)
- XIX. **Ferroptosis: A Trusted Ally in Combating Drug Resistance in Cancer**
Ozkan E., Baar-Ates F.
Current Medicinal Chemistry, vol.29, no.1, pp.41-55, 2022 (SCI-Expanded)
- XX. **Increased endoglin levels correlated with angiogenesis-associated angiotensin-2 in haemophilia patients**
Karaman K., ÇELİK A., AYTAÇ EYÜPOĞLU Ş. S., BAKAR ATEŞ F.
HAEMOPHILIA, vol.27, 2021 (SCI-Expanded)
- XXI. **The confounding effect of interleukin-6 on apoptosis of MCF-7 cells through downregulation of MMP-2/-9 mRNA expression**
ÇELİK A., BAKAR ATEŞ F.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.46, no.5, pp.549-555, 2021 (SCI-Expanded)
- XXII. **The cytotoxic and apoptotic effects of Ferulago W. Koch extracts on various cancer cell lines**
BAKAR ATEŞ F., Hoti B., GÜRBÜZ İ., GÜNBATAN T., DUMAN H., KILIÇ C. S.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.46, no.3, pp.281-291, 2021 (SCI-Expanded)
- XXIII. **Design, characterization and evaluation of cucurbitacin B-loaded core-shell-type hybrid nano-sized particles using DoE approach**
ŞENGEL TÜRK C. T., ÖZMEN N., BAKAR ATEŞ F.
POLYMER BULLETIN, vol.78, no.6, pp.3327-3351, 2021 (SCI-Expanded)
- XXIV. **Investigation of molecular mechanisms underlying the antiproliferative effects of colchicine against PC3 prostate cancer cells**
ERGÜL M., BAKAR ATEŞ F.
TOXICOLOGY IN VITRO, vol.73, 2021 (SCI-Expanded)
- XXV. **Hit-to-lead optimization on aryloxybenzamide derivative virtual screening hit against SIRT**
Yagci S., GÖZELLE M., KAYA S. G., ÖZKAN Y., AKSEL A. B., BAKAR ATEŞ F., DÜNDAR Y., EREN G.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.30, 2021 (SCI-Expanded)
- XXVI. **Layer by layer assembly of core-corona structured solid lipid nanoparticles with beta-cyclodextrin polymers**
AMASYA G., BAKAR ATEŞ F., Wintgens V., Amiel C.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.592, 2021 (SCI-Expanded)
- XXVII. **A specific inhibitor of polo-like kinase 1, GSK461364A, suppresses proliferation of Raji Burkitt's lymphoma cells through mediating cell cycle arrest, DNA damage, and apoptosis**
ERGÜL M., BAKAR ATEŞ F.
CHEMICO-BIOLOGICAL INTERACTIONS, vol.332, 2020 (SCI-Expanded)
- XXVIII. **Clinicopathological and immunohistochemical evaluation of lonidamine-entrapped lipid-polymer hybrid nanoparticles in treatment of benign prostatic hyperplasia: An experimental rat model**
ŞENGEL TÜRK C. T., ALÇIĞIR M. E., EKİM O., BAKAR ATEŞ F., HASÇIÇEK C.

- EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS, vol.157, pp.211-220, 2020 (SCI-Expanded)
- XXIX. **Novel indole hydrazide derivatives: Synthesis and their antiproliferative activities through inducing apoptosis and DNA damage**
KILIÇ KURT Z., Acar C., ERGÜL M., BAKAR ATEŞ F., Altuntas T.
ARCHIV DER PHARMAZIE, vol.353, no.8, 2020 (SCI-Expanded)
- XXX. **Synthesis and anticancer activity of some pyrimidine derivatives with aryl urea moieties as apoptosis-inducing agents**
KILIÇ KURT Z., ÖZMEN N., BAKAR ATEŞ F.
BIOORGANIC CHEMISTRY, vol.101, 2020 (SCI-Expanded)
- XXXI. **Encapsulation of cucurbitacin B into lipid polymer hybrid nanocarriers induced apoptosis of MDAMB231 cells through PARP cleavage**
BAKAR ATEŞ F., Ozkan E., ŞENGEL TÜRK C. T.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.586, 2020 (SCI-Expanded)
- XXXII. **Evaluation of hair cotinine and toxic metal levels in children who were exposed to tobacco smoke**
GÜNAY F., Cullas Ilarslan N. E., BAKAR ATEŞ F., DENİZ K., KADIOĞLU Y. K., KIRAN S., BAKIRARAR B., ÇOBANOĞLU F. N.
PEDIATRIC PULMONOLOGY, vol.55, no.4, pp.1012-1019, 2020 (SCI-Expanded)
- XXXIII. **Potential of the Effect of Lonidamine by Quercetin in MCF-7 human breast cancer cells through downregulation of MMP-2/9 mRNA Expression**
Ozkan E., BAKAR ATEŞ F.
ANAIŞ DA ACADEMIA BRASILEIRA DE CIENCIAS, vol.92, no.4, 2020 (SCI-Expanded)
- XXXIV. **Seseli petraeum M. Bieb. (Apiaceae) Significantly Inhibited Cellular Growth of A549 Lung Cancer Cells through G0/G1 Cell Cycle Arrest**
Cinar A. S., BAKAR ATEŞ F., ÖNDER A.
ANAIŞ DA ACADEMIA BRASILEIRA DE CIENCIAS, vol.92, no.4, 2020 (SCI-Expanded)
- XXXV. **N,N'-diaryl urea derivatives: Molecular docking, molecular properties prediction and anticancer evaluation**
KILIÇ KURT Z., BAKAR ATEŞ F., BAHAT M.
JOURNAL OF MOLECULAR STRUCTURE, vol.1193, pp.239-246, 2019 (SCI-Expanded)
- XXXVI. **Design, synthesis and in vitro apoptotic mechanism of novel pyrrolopyrimidine derivatives**
KILIÇ KURT Z., BAKAR ATEŞ F., Aka Y., Kutuk O.
BIOORGANIC CHEMISTRY, vol.83, pp.511-519, 2019 (SCI-Expanded)
- XXXVII. **The combined treatment of brassinin and imatinib synergistically downregulated the expression of MMP-9 in SW480 colon cancer cells**
BAKAR ATEŞ F., Ozkan E.
PHYTOTHERAPY RESEARCH, vol.33, no.2, pp.397-402, 2019 (SCI-Expanded)
- XXXVIII. **Repeated low doses of dexamethasone as a pretreatment for induction of parturition in Simmental cows**
SALAR S., KANCA H., BAKAR ATEŞ F., BAŞTAN A.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.43, no.4, pp.507-515, 2019 (SCI-Expanded)
- XXXIX. **RO3280: A Novel PLK1 Inhibitor, Suppressed the Proliferation of MCF-7 Breast Cancer Cells Through the Induction of Cell Cycle Arrest at G2/M Point**
ERGÜL M., BAKAR ATEŞ F.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.19, no.15, pp.1846-1854, 2019 (SCI-Expanded)
- XL. **Effect of semi-rapid maxillary expansion in children with obstructive sleep apnea syndrome: 5-month follow-up study**
Hoxha S., KAYA SEZGİNER E., BAKAR ATEŞ F., KÖKTÜRK O., TOYGAR MEMİKOĞLU T. U.
SLEEP AND BREATHING, vol.22, no.4, pp.1053-1061, 2018 (SCI-Expanded)
- XLI. **Antiproliferative activity of synthesized some new benzimidazole carboxamidines against MCF-7 breast carcinoma cells**
Karaaslan C., BAKAR ATEŞ F., GÖKER A. H.

ZEITSCHRIFT FUR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.73, no.3-4, pp.137-145, 2018 (SCI-Expanded)

- XLII. **Cytotoxic and Apoptotic Effects of Novel Pyrrolo[2,3-d]Pyrimidine Derivatives Containing Urea Moieties on Cancer Cell Lines**
KILIÇ KURT Z., BAKAR ATEŞ F., Karakas B., Kutuk O.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.18, no.9, pp.1303-1312, 2018 (SCI-Expanded)
- XLIII. **Decreased Spexin Levels in Patients with Type 1 and Type 2 Diabetes**
Karaca A., BAKAR ATEŞ F., Ersoz-Gulcelik N.
MEDICAL PRINCIPLES AND PRACTICE, vol.27, no.6, pp.549-554, 2018 (SCI-Expanded)
- XLIV. **The Cellular Uptake and Apoptotic Efficiency of Colchicine is Correlated with Down-regulation of MMP-9 mRNA Expression in SW480 Colon Cancer Cells**
ÖZMEN N., KAYA SEZGİNER E., BAKAR ATEŞ F.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.18, no.13, pp.1927-1933, 2018 (SCI-Expanded)
- XLV. **Fulvestrant-loaded polymer-based nanoparticles for local drug delivery: Preparation and in vitro characterization**
Hascicek C., ŞENGEL TÜRK C. T., GÜMÜŞTAŞ M., Ozkan A. S., Bakar F., Das-Evcimen N., Savaser A., Ozkan Y.
Journal of Drug Delivery Science and Technology, vol.40, pp.73-82, 2017 (SCI-Expanded)
- XLVI. **Comparative Evaluation of Nimesulide-Loaded Nanoparticles for Anticancer Activity Against Breast Cancer Cells**
ŞENGEL TÜRK C. T., HASÇİÇEK C., BAKAR ATEŞ F., Simsek E.
AAPS PHARMSCITECH, vol.18, no.2, pp.393-403, 2017 (SCI-Expanded)
- XLVII. **The Effects of 1,3,5-trisubstituted Indole Derivatives on Cell Growth, Apoptosis and MMP-2/9 mRNA Expression of MCF-7 Human Breast Cancer Cells**
BAKAR ATEŞ F., KILIÇ KURT Z., ÇAĞLAYAN M. G., ÖLGEN S.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.17, no.5, pp.762-767, 2017 (SCI-Expanded)
- XLVIII. **Anticancer effect of Ferulago Mughlea Peşmen (Apiaceae) on cancer cell proliferation**
Filiz B., Karakaya S., Bostanlik D., Gul F., KILIÇ C. S.
Iranian Journal of Pharmaceutical Research, vol.15, no.3, pp.501-504, 2016 (SCI-Expanded)
- XLIX. **Cucurbitacin B Enhances the Anticancer Effect of Imatinib Mesylate Through Inhibition of MMP-2 Expression in MCF-7 and SW480 Tumor Cell Lines**
BAKAR ATEŞ F.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.16, no.6, pp.747-754, 2016 (SCI-Expanded)
- L. **Neopterin and hsCRP are not correlated in gestational diabetes mellitus**
Karaca A., Omma T., Deveci C. D., BAKAR ATEŞ F., Dogan K., Aral Y., Gulcelik N. E.
GYNECOLOGICAL ENDOCRINOLOGY, vol.32, no.12, pp.977-981, 2016 (SCI-Expanded)
- LI. **Synthesis, Biological, and Computational Evaluation of Novel 1,3,5-Substituted Indolin-2-one Derivatives as Inhibitors of Src Tyrosine Kinase**
KILIÇ KURT Z., BAKAR ATEŞ F., Olgen S.
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BAKAR ATEŞ F., TUBITAK Project, Çoklu reseptör tirozin kinaz inhibitörü olarak tasarlanan pirolo 2 3 D pirimidin yapısındaki bileşiklerin sentezi antikanser etkinliğinin ve yapı etki ilişkilerinin araştırılması, 2015 - 2016

BAKAR ATEŞ F., PALABIYIK İ. M., TUBITAK Project, Sentezlenmiş indol 3 amin indolin 2 tiyon ve indol 3 amin 2 on türevi bileşiklerin matriks metalloproteinaz enzim inhibitörü etkilerinin incelenmesi, 2013 - 2016

BAKAR ATEŞ F., TUBITAK Project, B Elaterin in imatinib ile kombinasyonunun MCF 7 insan meme kanseri hücreleri üzerindeki apoptotik etkinliğinin ve Src kinaz MMP 2 yolağı üzerindeki etkilerinin incelenmesi, 2014 - 2015

BAKAR ATEŞ F., Project Supported by Higher Education Institutions, Osteokalsin ile diabetes mellitus ve dislipidemi arasındaki ilişki, 2014 - 2015

BAKAR ATEŞ F., TOYGAR MEMİKOĞLU T. U., Project Supported by Higher Education Institutions, MAKSİLLER DARLIK İLE KARAKTERİZE SINIF I II III MALOKLUZYONA SAHİP BİREYLERDE FONKSİYONEL ORTOPEDİK TEDAVİ İLE UYKU SOLUNUMU ÜZERİNDE GÖRÜLEN DEĞİŞİKLİKLERİN FARKLI YÖNTEMLER İLE İNCELENMESİ, 2013 - 2015

BAKAR ATEŞ F., Project Supported by Higher Education Institutions, Kolorektal kanserde enflamasyon gelişiminde Annexin I ve Annexin V proteinlerinin rollerinin saptanması, 2013 - 2015

BAKAR ATEŞ F., ÇAĞLAYAN M. G., PALABIYIK İ. M., TÜBİTAK Project, Altın Nanoparçacık Bağlanmış Pinoresinol Lariciresinol ve Secoisolariciresinol Lignan Türlerinin DNA ya Bağlanma Profillerinin ve Anti Kanser Etkilerinin Araştırılması, 2013 - 2015

Bakar Ateş F., TÜBİTAK Project, Meme kanseri tedavisinde kullanılmak üzere fulvestrant yüklü polimerik nanopartiküler sistemlerin geliştirilmesi, 2012 - 2015

HASÇİÇEK C., BAKAR ATEŞ F., ÖZKAN S. A., ŞENGEL TÜRK C. T., TÜBİTAK Project, Meme kanseri tedavisinde kullanılmak üzere fulvestrant yüklü polimerik nanopartiküler sistemlerin geliştirilmesi, 2012 - 2015

TÜBİTAK Project, Tip 1 diabetes mellitus ta gözlenen trombotik komplikasyonlarda Annexin II ve Annexin V Proteinlerinin Rollerinin Saptanması, 2011 - 2012

Memberships / Tasks in Scientific Organizations

Moleküler Kanser Araştırma Derneği, Member, 2014 - Continues, Turkey

The European Association For Cancer Research , Member, 2014 - Continues, England

Türk Biyokimya Derneği, Member, 2005 - Continues, Turkey

Scientific Refereeing

Project Supported by Higher Education Institutions, BAP Research Project, Hacettepe University, Turkey, July 2023

TÜBİTAK Project, 2223 - Domestic Scientific Activities Support Program, Türk Biyokimya Derneği, Turkey, June 2022

TÜBİTAK Project, 2237 - Program for Supporting Project Training Activities, Karadeniz Technical University, Turkey, May 2022

FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, April 2022

Project Supported by Public Organizations in Other Countries, National Science Center Poland, Poland, April 2022

CELLULAR AND MOLECULAR LIFE SCIENCES, SCI Journal, March 2022

ANGIOGENESIS, SCI Journal, February 2022

BOSNIAN JOURNAL OF BASIC MEDICAL SCIENCES, SCI Journal, November 2021

FUTURE MEDICINAL CHEMISTRY, SCI Journal, October 2020

European Journal of Biology, National Scientific Refreed Journal, June 2020

TÜBİTAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ankara University, Turkey, February 2020

ACTA DIABETOLOGICA, SCI Journal, November 2019

TURK HIJIYEN VE DENEYSEL BIYOLOJİ DERGİSİ. TURKISH BULLETIN OF HYGIENE AND EXPERIMENTAL BIOLOGY, National Scientific Refreed Journal, April 2019

DIABETIC MEDICINE, SCI Journal, December 2018

TURK HIJIYEN VE DENEYSEL BIYOLOJİ DERGİSİ. TURKISH BULLETIN OF HYGIENE AND EXPERIMENTAL BIOLOGY, National Scientific Refreed Journal, November 2018

COMPUTATIONAL BIOLOGY AND CHEMISTRY, SCI Journal, July 2018

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, Journal Indexed in ESCI, July 2018

ANKARA UNIVERSİTESİ ECZACILIK FAKULTESİ DERGİSİ, National Scientific Refreed Journal, July 2018

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, Journal Indexed in ESCI, October 2016

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, Journal Indexed in ESCI, August 2016

ARCHIV DER PHARMAZIE, SCI Journal, March 2016

JOURNAL OF CLINICAL ENDOCRINOLOGY AND METABOLISM, SCI Journal, September 2014

PHARMACEUTICAL SCIENCES, Journal Indexed in ESCI, May 2014

PHARMACEUTICAL SCIENCES, Journal Indexed in ESCI, March 2014

DIABETIC MEDICINE, SCI Journal, July 2013

Metrics

Publication: 193

Citation (WoS): 514

Citation (Scopus): 598

H-Index (WoS): 13

H-Index (Scopus): 14

Congress and Symposium Activities

13th International Symposium on Pharmaceutical Sciences, Attendee, Ankara, Turkey, 2021

HDBMB2019 - CROSSROADS IN LIFE SCIENCES, Invited Speaker, Zagreb, Croatia, 2019

XXI Lipid Meeting, Attendee, Leipzig, Germany, 2019

7th International Drug Chemistry Conference, Attendee, Antalya, Turkey, 2019

Scholarships

TÜBİTAK-BİDEB Yurtiçi Doktora Araştırma Bursu, TÜBİTAK, 2007 - 2012

TÜBİTAK-BİDEB Yurtiçi Yüksek Lisans Bursu, TÜBİTAK, 2005 - 2007

Awards

Bakar Ateş F., Ankara Üniversitesi Teşvik Ödülü, Ankara Üniversitesi, October 2018

Bakar Ateş F., Tez Jüri Özel Ödülü, Mustafa Nevzat Eczacılık Ödülleri, May 2014