

# Prof. GÜLŞEN AKALIN ÇİFTÇİ

## Personal Information

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## International Researcher IDs

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## Education Information

Doctorate, Eskisehir Osmangazi University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyokimya (Dr), Turkey 2004 - 2010

Postgraduate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Biyokimya (YI) (Tezli), Turkey 2002 - 2004

Undergraduate, Anadolu University, ECZACILIK FAKÜLTESİ, Eczacılık Pr., Turkey 1997 - 2001

## Dissertations

Doctorate, Hiperkolesterolemik ratlarda, statin ve tiazolidindion tedavisi ile aterosjenik risk faktörleri, endotelial fonksiyonlar ve inflamasyon markırlarının değerlendirilmesi, Eskisehir Osmangazi University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyokimya (Dr), 2010

Postgraduate, Bazı sentetik bileşiklerin kanserli hücre içi protein aktivasyonuna ve apoptose olan etkileri, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Biyokimya (YI) (Tezli), 2004

## Research Areas

Health Sciences

## Academic Titles / Tasks

Professor, Anadolu University, ECZACILIK FAKÜLTESİ, TEMEL ECZACILIK BİLİMLERİ BÖLÜMÜ, 2020 - Continues

Associate Professor, Anadolu University, ECZACILIK FAKÜLTESİ, TEMEL ECZACILIK BİLİMLERİ BÖLÜMÜ, 2016 - 2020

Assistant Professor, Anadolu University, ECZACILIK FAKÜLTESİ, TEMEL ECZACILIK BİLİMLERİ BÖLÜMÜ, 2012 - 2016

Research Assistant, Anadolu University, ECZACILIK FAKÜLTESİ, TEMEL ECZACILIK BİLİMLERİ BÖLÜMÜ, 2001 - 2012

## Academic and Administrative Experience

Anadolu University, 2022 - Continues

## Courses

TEZ, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2015 - 2016  
BİYOMOLEKÜLLER, Postgraduate, 2019 - 2020  
NÜKLEİK ASİT METABOLİZMASI, Postgraduate, 2019 - 2020  
MEZUNİYET PROJESİ II(TÜR)X5 GRUBU, Undergraduate, 2019 - 2020, 2018 - 2019, 2016 - 2017, 2015 - 2016, 2012 - 2013  
KANITA DAYALI ECZACILIK VE ARAŞTIRMA IV, Undergraduate, 2019 - 2020  
BİYOKİMYA II, Undergraduate, 2019 - 2020, 2016 - 2017  
NÜKLEOTİD BİYOKİMYASI, Postgraduate, 2019 - 2020  
SEMİNER, Postgraduate, 2019 - 2020, 2017 - 2018, 2016 - 2017  
MEZUNİYET PROJESİ I (TÜR) X5 GRUBU, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2012 - 2013  
KLİNİK BİYOKİMYA, Undergraduate, 2019 - 2020  
BİYOKİMYA UYGULAMALARI, Undergraduate, 2019 - 2020, 2015 - 2016, 2013 - 2014, 2012 - 2013  
BİYOKİMYASAL LABORATUAR TEKNİKLERİ, Postgraduate, 2019 - 2020  
UZMANLIK ALAN DERSİ, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016  
TEMEL BİYOKİMYA, Associate Degree, 2018 - 2019, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2012 - 2013  
ECZACILIK VE TEMEL TIP BİLİMLERİ I, Undergraduate, 2018 - 2019  
İLAÇ TASARIMINDA BİYOKİMYASAL YAKLAŞIMLAR, Associate Degree, 2018 - 2019  
LİPİD METABOLİZMASI, Doctorate, 2018 - 2019  
BİYOKİMYASAL KASKAD SİSTEMLER, Postgraduate, 2018 - 2019, 2016 - 2017, 2015 - 2016  
İLAÇ TASARIMINDA BİYOKİMYASAL YAKLAŞIMLAR, Postgraduate, 2017 - 2018, 2015 - 2016, 2014 - 2015  
NÜKLEOTİD BYOKİMYASI, Postgraduate, 2017 - 2018  
HORMON BİYOKİMYASI, Postgraduate, 2017 - 2018  
BİYOKİMYASAL LABORATUVAR TEKNİKLERİ, Postgraduate, 2017 - 2018  
MOLEKÜLER BİYOLOJİ, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015  
BİYOKİMYA I, Undergraduate, 2016 - 2017  
TEZ, Associate Degree, 2016 - 2017  
KLİNİK BİYOKİMYA UYGULAMALARI, Associate Degree, 2016 - 2017, 2015 - 2016, 2014 - 2015  
İMMÜN SİSTEM BİYOKİMYASI, Postgraduate, 2016 - 2017, 2015 - 2016  
DOKU BİYOKİMYASI, Postgraduate, 2016 - 2017, 2015 - 2016  
Biyokimyasal Omik Yaklaşımlar, Postgraduate, 2015 - 2016  
Sitokinler, Hücre Büyüme Kontrolü ve İlgili Hastalıklar, Postgraduate, 2015 - 2016  
X5 Mezuniyet Projesi II, Undergraduate, 2014 - 2015  
X5 Mezuniyet Projesi I, Undergraduate, 2013 - 2014  
Hormon Biyokimyası, Undergraduate, 2012 - 2013  
Klinik Biyokimya, Associate Degree, 2012 - 2013

## Advising Theses

GÜLŞEN A. Ç., Oriyentin ve visenin'nin anti kanser ajan olarak akciğer kanser hücre hatları üzerinde etkisinin incelenmesi ve sema 3F, NP-2 ve VEGF üzerinden araştırılması, Postgraduate, H.AL(Student), 2021  
GÜLŞEN A. Ç., Lomustin ve Metformin Kombinasyonu Kullanılarak C6 Glioblastoma Hücrelerinde Yüksek Glukoz ve Düşük Glukoz Konsantrasyonlarında Glioma'nın Tedavisi, Doctorate, M.TİLTAY(Student), 2019  
GÜLŞEN A. Ç., Betülin molekülünün bazı bakterilerle biyotransformasyonu ve apoptotik etkilerinin incelenmesi, Postgraduate, Ş.GAMZE(Student), 2018

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

1. Design and synthesis of new benzothiazole-piperazine derivatives and *in vitro*

**and *in silico* investigation of their anticancer activity**

Evren A. E., Ekselli B., YURTTAŞ L., TEMEL H. E., AKALIN ÇİFTÇİ G.

JOURNAL OF MOLECULAR STRUCTURE, vol.1320, 2025 (SCI-Expanded)

- II. **Pharmacophore-Based Modeling, Synthesis, and Biological Evaluation of Novel Quinazoline/Quinoline Derivatives: Discovery of EGFR Inhibitors with Low Nanomolar Activity**  
EVREN A. E., SAĞLIK ÖZKAN B. N., AKALIN ÇİFTÇİ G., YURTTAŞ L.  
ADVANCED THEORY AND SIMULATIONS, 2024 (SCI-Expanded)
- III. **Synthesis of Some New 1,3,4-Oxadiazole Derivatives and Evaluation of Their Anticancer Activity**  
Yurttas L., Evren A. E., Kubilay A., Aksoy M. O., Temel H. E., Akalın Çiftçi G.  
ACS OMEGA, vol.1, pp.1, 2024 (SCI-Expanded)
- IV. **Synthesis, molecular docking, and molecular dynamic simulation studies of new 1,3,4-thiadiazole derivatives as potential apoptosis inducers in A549 lung cancer cell line**  
YURTTAŞ L., EVREN A. E., AlChaib H., TEMEL H. E., AKALIN ÇİFTÇİ G.  
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, 2023 (SCI-Expanded)
- V. **Design, synthesis and apoptotic effects of novel benzoxazole compounds**  
Kaya B., YURTTAŞ L., AKALIN ÇİFTÇİ G., Aksoy M. O.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.78, no.11-12, pp.433-440, 2023 (SCI-Expanded)
- VI. **Design, synthesis and biological evaluation of novel tetralone/indanone containing thiosemicarbazone derivatives with selective COX-2 inhibition as anticancer agents**  
Kuran E. D., Dincel E. D., BİLTEKİN KALELİ S. N., AKALIN ÇİFTÇİ G., Ulusoy-Guzeldemirci N.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1286, 2023 (SCI-Expanded)
- VII. **Design, Synthesis, and Evaluation of a New Series of Hydrazones as Small-Molecule Akt Inhibitors for NSCLC Therapy**  
Erdönmez B., Altıntop M. D., Akalın Çiftçi G., Özdemir A., Ece A.  
ACS OMEGA, vol.8, no.22, pp.20056-20065, 2023 (SCI-Expanded)
- VIII. **Contributions of Chemical Content and Biological Activity to Plant Taxonomy Based on the Four *Allium* L. Taxa (Sect. *Cupanoscordum* - Amaryllidaceae)**  
EKŞİ BONA G., Ciftci G., DEMİRCİ B., PINAR N. M., ACAR ŞAHİN A., Kocyyigit M., BONA M., GENÇLER ÖZKAN A. M.  
CHEMISTRY & BIODIVERSITY, vol.20, no.5, 2023 (SCI-Expanded)
- IX. **A new series of thiazole-hydrazone hybrids for Akt-targeted therapy of non-small cell lung cancer**  
Orujova T., Ece A., AKALIN ÇİFTÇİ G., ÖZDEMİR A., ALTINTOP M. D.  
Drug Development Research, vol.84, no.2, pp.185-199, 2023 (SCI-Expanded)
- X. **In vitro evaluation of 2-pyrazoline derivatives as DPP-4 inhibitors**  
Temel H. E., Altıntop M. D., Sever B., Özdemir A., Akalın Çiftçi G.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, no.1, pp.104-109, 2023 (SCI-Expanded)
- XI. **Discovery of Small Molecule COX-1 and Akt Inhibitors as Anti-NSCLC Agents Endowed with Anti-Inflammatory Action**  
Altıntop M. D., Akalın Çiftçi G., Yılmaz Savaş N., Ertorun İ., Can B., Sever B., Temel H. E., Alataş İ. Ö., Özdemir A.  
International Journal of Molecular Sciences, vol.24, no.3, 2023 (SCI-Expanded)
- XII. **Design, synthesis and biological evaluation of a new series of arylidene indanones as small molecules for targeted therapy of non-small cell lung carcinoma and prostate cancer**  
Altıntop M. D., Özdemir A., Temel H. E., Cevizlidere B. D., Sever B., Kaplancıklı Z. A., Akalın Çiftçi G.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.244, 2022 (SCI-Expanded)
- XIII. **Design, synthesis, characterization, molecular docking studies and anticancer activity evaluation of novel hydrazinecarbothioamide, 1,2,4-triazole-3-thione, 4-thiazolidinone and 1,3,4-oxadiazole derivatives**  
Dincel E. D., Akdag C., Kayra T., Cosar E. D., Aksoy M. O., AKALIN ÇİFTÇİ G., Ulusoy-Guzeldemirci N.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1268, 2022 (SCI-Expanded)
- XIV. **A new series of thiosemicarbazone-based anti-inflammatory agents exerting their action through cyclooxygenase inhibition**

- ALTINTOP M. D., SEVER B., AKALIN ÇİFTÇİ G., Ertorun I., Alastas O., ÖZDEMİR A.  
ARCHIV DER PHARMAZIE, vol.355, no.9, 2022 (SCI-Expanded)
- XV. **Synthesis, density functional theory calculation, molecular docking studies, and evaluation of novel 5-nitrothiophene derivatives for anticancer activity**  
Nuha D., Evren A. E., Ciyanci Z. S., TEMEL H. E., AKALIN ÇİFTÇİ G., YURTTAŞ L.  
ARCHIV DER PHARMAZIE, vol.355, no.9, 2022 (SCI-Expanded)
- XVI. **New chromanone derivatives containing thiazoles: Synthesis and antitumor activity evaluation on A549 lung cancer cell line**  
YURTTAŞ L., TEMEL H. E., Aksoy M. O., Bulbul E. F., AKALIN ÇİFTÇİ G.  
DRUG DEVELOPMENT RESEARCH, vol.83, no.2, pp.470-484, 2022 (SCI-Expanded)
- XVII. **Apoptotic Effect of Novel Benzimidazole Derivatives Bearing Pyridyl/Pyrimidinyl Piperazine Moiety**  
AKALIN ÇİFTÇİ G., TEMEL H. E., YURTTAŞ L.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.22, no.9, pp.1780-1792, 2022 (SCI-Expanded)
- XVIII. **Novel metabolic enzyme inhibitors designed through the molecular hybridization of thiazole and pyrazoline scaffolds**  
SEVER B., TÜRKEŞ C., ALTINTOP M. D., Demir Y., AKALIN ÇİFTÇİ G., BEYDEMİR Ş.  
ARCHIV DER PHARMAZIE, vol.354, no.12, 2021 (SCI-Expanded)
- XIX. **Evaluation of new sulfathiazole derivatives as antiproliferative agents**  
YURTTAŞ L., AKALIN ÇİFTÇİ G., TEMEL H. E.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.46, no.5, pp.533-539, 2021 (SCI-Expanded)
- XX. **Identification of a new class of potent aldose reductase inhibitors: Design, microwave-assisted synthesis, in vitro and in silico evaluation of 2-pyrazolines**  
SEVER B., ALTINTOP M. D., Demir Y., Yilmaz N., AKALIN ÇİFTÇİ G., BEYDEMİR Ş., ÖZDEMİR A.  
CHEMICO-BIOLOGICAL INTERACTIONS, vol.345, 2021 (SCI-Expanded)
- XXI. **Novel imidazo[2,1-b]thiazole-based anticancer agents as potential focal adhesion kinase inhibitors: Synthesis, in silico and in vitro evaluation**  
Basoglu F., Ulusoy-Guzeldemirci N., AKALIN ÇİFTÇİ G., ÇETİNKAYA S., Ece A.  
CHEMICAL BIOLOGY & DRUG DESIGN, vol.98, no.2, pp.270-282, 2021 (SCI-Expanded)
- XXII. **Design, synthesis, characterization, in vitro and in silico evaluation of novel imidazo[2,1-b][1,3,4]thiadiazoles as highly potent acetylcholinesterase and non-classical carbonic anhydrase inhibitors**  
Askin S., Tahtaci H., TÜRKEŞ C., Demir Y., Ece A., AKALIN ÇİFTÇİ G., BEYDEMİR Ş.  
BIOORGANIC CHEMISTRY, vol.113, 2021 (SCI-Expanded)
- XXIII. **Design and Efficient Synthesis of Novel 4,5-Dimethylthiazole-Hydrazone Derivatives and their Anticancer Activity**  
Evren A. E., YURTTAŞ L., Ekselli B., Aksoy O., AKALIN ÇİFTÇİ G.  
LETTERS IN DRUG DESIGN & DISCOVERY, vol.18, no.4, pp.372-386, 2021 (SCI-Expanded)
- XXIV. **A new series of 2,4-thiazolidinediones endowed with potent aldose reductase inhibitory activity**  
SEVER B., ALTINTOP M. D., Demir Y., TÜRKEŞ C., Ozbas K., AKALIN ÇİFTÇİ G., BEYDEMİR Ş., ÖZDEMİR A.  
OPEN CHEMISTRY, vol.19, no.1, pp.347-357, 2021 (SCI-Expanded)
- XXV. **A New Series of Triazolothiadiazines as Potential Anticancer Agents for Targeted Therapy of Non-small Cell Lung and Colorectal Cancers: Design, Synthesis, In silico and In vitro Studies Providing Mechanistic Insight into Their Anticancer Potencies**  
SEVER B., ALTINTOP M. D., AKALIN ÇİFTÇİ G., ÖZDEMİR A.  
MEDICINAL CHEMISTRY, vol.17, no.10, pp.1104-1128, 2021 (SCI-Expanded)
- XXVI. **A new series of benzoxazole-based SIRT1 modulators for targeted therapy of non-small-cell lung cancer**  
SEVER B., AKALIN ÇİFTÇİ G., ALTINTOP M. D.  
ARCHIV DER PHARMAZIE, vol.354, no.1, 2021 (SCI-Expanded)
- XXVII. **An extensive research on aldose reductase inhibitory effects of new 4H-1,2,4-triazole derivatives**  
SEVER B., ALTINTOP M. D., Demir Y., Pekdogan M., AKALIN ÇİFTÇİ G., BEYDEMİR Ş., ÖZDEMİR A.

JOURNAL OF MOLECULAR STRUCTURE, vol.1224, 2021 (SCI-Expanded)

- XXVIII. **Bacterial Biotransformation and Anticancer Activities of Betulin against A549, HepG2 and 5RP7 Cancer Cell Lines**  
KIRAN İ., AKALIN ÇİFTÇİ G., ATLI EKİOĞLU Ö., Akkaya S. G. K.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.21, no.12, pp.1581-1593, 2021 (SCI-Expanded)
- XXIX. **In Vitro and In Silico Evaluation of Anticancer Activity of New Indole-Based 1,3,4-Oxadiazoles as EGFR and COX-2 Inhibitors**  
SEVER B., ALTINTOP M. D., ÖZDEMİR A., AKALIN ÇİFTÇİ G., Ellakwa D. E., Tateishi H., Radwan M. O., Ibrahim M. A. A., Otsuka M., Fujita M., et al.  
MOLECULES, vol.25, no.21, 2020 (SCI-Expanded)
- XXX. **Design, synthesis, in vitro and in silico investigation of aldose reductase inhibitory effects of new thiazole-based compounds**  
SEVER B., ALTINTOP M. D., Demir Y., AKALIN ÇİFTÇİ G., BEYDEMİR Ş., ÖZDEMİR A.  
BIOORGANIC CHEMISTRY, vol.102, 2020 (SCI-Expanded)
- XXXI. **Fe3O4 Nanopowders: Genomic and Apoptotic Evaluations on A549 Lung Adenocarcinoma Cell Line**  
Kaplan A., KUTLU H. M., AKALIN ÇİFTÇİ G.  
NUTRITION AND CANCER-AN INTERNATIONAL JOURNAL, vol.72, no.4, pp.708-721, 2020 (SCI-Expanded)
- XXXII. **3,4,5-Trisubstituted-1,2,4-triazole Derivatives as Antiproliferative Agents: Synthesis, In vitro Evaluation and Molecular Modelling**  
YURTTAŞ L., Evren A. E., Kubilay A., TEMEL H. E., AKALIN ÇİFTÇİ G.  
LETTERS IN DRUG DESIGN & DISCOVERY, vol.17, no.12, pp.1502-1515, 2020 (SCI-Expanded)
- XXXIII. **Novel Benzimidazole Derivatives: Cytotoxic and Apoptotic Properties on Lung Cancer Cell Line**  
YURTTAŞ L., AKALIN ÇİFTÇİ G., Akso M. O., DEMİRAYAK Ş.  
LETTERS IN DRUG DESIGN & DISCOVERY, vol.17, no.10, pp.1227-1236, 2020 (SCI-Expanded)
- XXXIV. **Design, Synthesis, In vitro and In silico Evaluation of New Hydrazone-based Antitumor Agents as Potent Akt Inhibitors**  
Gungor E. M., ALTINTOP M. D., SEVER B., AKALIN ÇİFTÇİ G.  
LETTERS IN DRUG DESIGN & DISCOVERY, vol.17, no.11, pp.1380-1392, 2020 (SCI-Expanded)
- XXXV. **Synthesis and biological evaluation of 5-methyl-4-phenyl thiazole derivatives as anticancer agents**  
Evren A. E., YURTTAŞ L., Ekselli B., AKALIN ÇİFTÇİ G.  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.194, no.8, pp.820-828, 2019 (SCI-Expanded)
- XXXVI. **Novel Tri-substituted Thiazoles Bearing Piperazine Ring: Synthesis and Evaluation of their Anticancer Activity**  
Evren A. E., YURTTAŞ L., Ekselli B., AKALIN ÇİFTÇİ G.  
LETTERS IN DRUG DESIGN & DISCOVERY, vol.16, no.5, pp.547-555, 2019 (SCI-Expanded)
- XXXVII. **Design, Synthesis, and Evaluation of a New Series of Thiazole-Based Anticancer Agents as Potent Akt Inhibitors**  
ALTINTOP M. D., SEVER B., AKALIN ÇİFTÇİ G., ÖZDEMİR A.  
MOLECULES, vol.23, no.6, 2018 (SCI-Expanded)
- XXXVIII. **New Quinoline Based Sulfonamide Derivatives: Cytotoxic and Apoptotic Activity Evaluation Against Pancreatic Cancer Cells**  
YURTTAŞ L., AKALIN ÇİFTÇİ G.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.18, no.8, pp.1122-1130, 2018 (SCI-Expanded)
- XXXIX. **Synthesis and Evaluation of a New Series of Arylidene Indanones as Potential Anticancer Agents**  
ÖZDEMİR A., Gokbulut S., SEVER B., AKALIN ÇİFTÇİ G., ALTINTOP M. D.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.18, no.10, pp.1394-1404, 2018 (SCI-Expanded)
- XL. **Some Thiazole Derivatives Combined with Different Heterocycles: Cytotoxicity Evaluation and Apoptosis Inducing Studies**  
YURTTAŞ L., Demir B., AKALIN ÇİFTÇİ G.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.18, no.8, pp.1115-1121, 2018 (SCI-Expanded)

- XLI. Synthesis and Biological Evaluation of New 1,3,4-Oxadiazoles as Potential Anticancer Agents and Enzyme Inhibitors**  
YURTTAŞ L., KAYA ÇAVUŞOĞLU B., AKALIN ÇİFTÇİ G., TEMEL H. E.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.18, no.6, pp.914-921, 2018 (SCI-Expanded)
- XLII. New Thiazoline-Tetralin Derivatives and Biological Activity Evaluation**  
Turan-Zitouni G., YURTTAŞ L., Tabbi A., AKALIN ÇİFTÇİ G., TEMEL H. E., KAPLANCIKLI Z. A.  
MOLECULES, vol.23, no.1, 2018 (SCI-Expanded)
- XLIII. A preliminary investigation of anticancer activity of novel benzothiazole derivatives against A549 lung carcinoma cell line**  
YURTTAŞ L., KAYA ÇAVUŞOĞLU B., Sever A., AKALIN ÇİFTÇİ G.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.42, no.5, pp.535-544, 2017 (SCI-Expanded)
- XLIV. Phenolic Contents, in vitro Antioxidant and Cytotoxicity Activities of *Salvia aethiopis* L. and *S. ceratophylla* L. (Lamiaceae)**  
ERÖZ POYRAZ İ., AKALIN ÇİFTÇİ G., ÖZTÜRK N.  
RECORDS OF NATURAL PRODUCTS, vol.11, no.4, pp.345-355, 2017 (SCI-Expanded)
- XLV. Synthesis and biological evaluation of some new pyrimidine bearing 2,5-disubstituted 1,3,4-oxadiazole derivatives as cytotoxic agents**  
KAYA ÇAVUŞOĞLU B., KAPLANCIKLI Z. A., YURTTAŞ L., AKALIN ÇİFTÇİ G.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.42, no.2, pp.131-137, 2017 (SCI-Expanded)
- XLVI. Novel tetrazole derivatives: synthesis, anticholinesterase activity and cytotoxicity evaluation**  
YURTTAŞ L., KAPLANCIKLI Z. A., TEMEL H. E., AKALIN ÇİFTÇİ G.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.42, no.2, pp.169-180, 2017 (SCI-Expanded)
- XLVII. The apoptotic and genomic studies on A549 cell line induced by silver nitrate**  
Kaplan A., AKALIN ÇİFTÇİ G., KUTLU H. M.  
TUMOR BIOLOGY, vol.39, no.4, 2017 (SCI-Expanded)
- XLVIII. Cytotoxic, Apoptotic and DNA Synthesis Inhibitory Effects of Some Thiazole Derivatives**  
AKALIN ÇİFTÇİ G., ALTINTOP M. D., TEMEL H. E., ÖZDEMİR A., KAPLANCIKLI Z. A.  
LETTERS IN DRUG DESIGN & DISCOVERY, vol.14, no.5, pp.554-566, 2017 (SCI-Expanded)
- XLIX. Biotransformation of abietic acid by fungi and biological evaluation of its metabolites**  
ÖZŞEN BATUR Ö., KIRAN İ., DAĞ İ., ATLI EKİÖĞLU Ö., AKALIN ÇİFTÇİ G., DEMİRCİ F.  
PROCESS BIOCHEMISTRY, vol.52, pp.130-140, 2017 (SCI-Expanded)
- L. Cytotoxic, Antiproliferative and Apoptotic Effects of Perillyl Alcohol and Its Biotransformation Metabolite on A549 and HepG2 Cancer Cell Lines**  
Oturanel C. E., KIRAN İ., ÖZŞEN BATUR Ö., AKALIN ÇİFTÇİ G., ATLI EKİÖĞLU Ö.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.17, no.9, pp.1243-1250, 2017 (SCI-Expanded)
- LI. Synthesis and evaluation of new benzodioxole-based dithiocarbamate derivatives as potential anticancer agents and hCA-I and hCA-II inhibitors**  
Altıntop M. D., Sever B., Akalın Çiftçi G., Kucukoglu K., Özdemir A., Soleimani S. S., Nadaroğlu H., Kaplançıklı Z. A.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.125, pp.190-196, 2017 (SCI-Expanded)
- LII. Biological Activity Evaluation of Novel 1,2,4-Triazine Derivatives Containing Thiazole/Benzothiazole Rings**  
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- I. **A New Series of Thiosemicarbazides Endowed with Potent COX Inhibitory Activity**  
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- II. **A new series of chalcones as potent cathepsin D and L inhibitors**  
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- III. **Anti-inflammatory effects of a new series of 6-arylidene-6,7-dihydro-5H-indeno[5,6-d][1,3]dioxol-5-ones**  
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- IV. **New triazole derivatives against lung cancer cell line A549**  
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- V. **In Vitro and In Vivo Evaluation of A New Series of Thiosemicarbazones as Potential Anti-Inflammatory Agents**  
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- VI. **Design, Synthesis and In Vitro Evaluation of New Triazolothiadiazine Derivatives as Potential Antitumor Agents**  
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- VII. **New thiocarbamoyl-benzimidazole derivatives as potential antitumor agents**  
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- IX. **In vitro and in silico studies of a new series of benzazole-based anticancer agents targeting SIRT1**  
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- X. **New Thiazoline-Tetralin Derivatives and Biological Activity Evaluation**  
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- XI. **Synthesis, In Vitro and In Silico Studies of A Series of 1,3,4-Oxadiazoles as FAK Inhibitors**  
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- XII. **Synthesis and evaluation of new 2-substituted benzoxazole derivatives as anticancer agents**  
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- XIII. **Comparative study of anticancer activities of Four Allium L. species extracts against MCF-7 cells.**  
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- XIV. **IV. International Congress on Applied Biological Sciences**  
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- XV. **Novel chalcone derivatives induced apoptosis in pancreatic cell carcinoma and lung adenocarcinoma, IV. International International Congress on Applied Biological Sciences**  
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- XVI. **Yeni imidazo[2,1-b]tiyazolidinon türevlerinin sentezi, antikanser aktivite ve moleküler modelleme çalışmaları**  
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- XVII. **Yeni İmidazo[2,1-b]tiyazolidinon Türevlerinin Sentezi, Antikanser Aktivite ve Moleküler Modelleme Çalışmaları**  
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- XVIII. **Anticancer Activity of Centaurea babylonica L.**  
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- XIX. **1,3,4Thiazole derivatives cause apoposiseccosis inducing cell cycle arrest and supressing pro-survivalAkt activityyin gliom and lug aenocarcinma cells**  
AKALIN ÇİFTÇİ G.  
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- XX. **Design, Synthesis and Evaluation of New Oxadiazole Derivatives as Potential Akt Inhibitors**  
SEVER B., ALTINTOP M. D., AKALIN ÇİFTÇİ G., ÖZDEMİR A.  
5th International BAU Drug Design Congress, İstanbul, Turkey, 19 - 21 October 2017
- XXI. **Synthesis and Evaluation of A New Series of Donepezil-Like Chalcone Derivatives as Potential AChE Inhibitors**  
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5th International BAU Drug Design Congress, İstanbul, Turkey, 19 - 21 October 2017
- XXII. **Design, Synthesis and Evaluation of A New Series of Donepezil-Like Chalcone Derivatives as Potential AChE Inhibitors**  
ALTINTOP M. D., SEVER B., TEMEL H. E., AKALIN ÇİFTÇİ G.  
5th International BAU-Drug Design Congress, İstanbul, Turkey, 19 - 21 October 2017
- XXIII. **Apoptotic and Antiprolifeatif Activities of Abietic Acid and Its Biotransformation Metaboliteson HepG2 Cancer Cell Line**  
KIRAN İ., ÖZŞEN Ö., AKALIN ÇİFTÇİ G.  
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- XXIV. **Synthesis of some new acetamide bearing thiazole ring derivatives and their anticancer activity evaluation**  
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- XXV. **Synthesis and Evaluation of New Thiazole Derivatives as Potential Anticancer Agents Targeting AKT**  
ALTINTOP M. D., SEVER B., AKALIN ÇİFTÇİ G., ÖZDEMİR A.  
2nd International Gazi Pharma Symposium (2nd GPSS 2017), Ankara, Turkey, 11 - 13 October 2017
- XXVI. **Synthesis and Evaluation of A Series of Arylidene Indanones as New Antitumor Agents**  
ÖZDEMİR A., AKALIN ÇİFTÇİ G., ALTINTOP M. D.  
2nd International Gazi Pharma Symposium (2nd GPSS 2017), Ankara, Turkey, 11 - 13 October 2017
- XXVII. **Apoptotic effects of some new benzothiazole based imidazole derivatives on lung adenocarcinoma and fibroblast cell lines**  
TEMEL H. E., AKALIN ÇİFTÇİ G., Ekselli B., YURTTAŞ L.  
2nd International Gazi Symposium Series, GPSS 2017, 11 - 13 October 2017
- XXVIII. **Synthesis of some novel 2-(substituted thio)-N-(5-methyl-4-phenylthiazol-2-yl)acetamide and anticancer activity evaluation**  
Evren A. E., YURTTAŞ L., Ekselli B., AKALIN ÇİFTÇİ G.  
2nd International Conference on Pharmaceutical Chemistry, 2 - 04 October 2017
- XXIX. **Synthesis of some novel N-(6-substituted benzothiazole-2-yl)-2-(4-substituted piperazin-1-yl)acetamide derivatives and evaluation their anticancer activity**  
Ekselli B., AKALIN ÇİFTÇİ G., Evren A. E., YURTTAŞ L.  
2nd International Conference on Pharmaceutical Chemistry, 2 - 04 October 2017
- XXX. **Biological Activities and Phytochemical Analyzes of Arum italicum Miller Tubers**  
AĞALAR H. G., AKALIN ÇİFTÇİ G., TEMEL H. E., GÖGER F., KIRIMER N.  
65th GA, 3 - 08 September 2017
- XXXI. **Cytotoxic Activity of New Quinoline Derivatives Against Pancreas Cancer Cells**  
YURTTAŞ L., AKALIN ÇİFTÇİ G.  
AIMECS2017, Chemistry in Drug Discovery, Design and Development, 23 - 26 July 2017
- XXXII. **New Thiazole Derivatives Containing Various Heterocycles as Potential Antitumor Agents**  
YURTTAŞ L., Demir B., AKALIN ÇİFTÇİ G.  
AIMECS2017, Chemistry in Drug Discovery, Design and Development, 23 - 26 July 2017
- XXXIII. **Synthesis and Evaluation of Fluorobenzoxazole Based Hydrazone Derivatives as Novel Anticholinesterase Agents**  
TEMEL H. E., ALTINTOP M. D., SEVER B., AKALIN ÇİFTÇİ G.  
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017
- XXXIV. **Synthesis and biological evaluation of 1,3,4-oxadiazole derivatives bearingsubstituted phenyl/benzothiazole moiety**  
KAYA ÇAVUŞOĞLU B., YURTTAŞ L., AKALIN ÇİFTÇİ G., TEMEL H. E.  
3. İlaç ve Eczacılık Kongresi 2017, 26 - 29 April 2017
- XXXV. **Syntheis and Evaluation of Fluorobenzoxazole Based Hydrazone Derivativs as Novel Anticholinesterase Agents**  
TEMEL H. E., ALTINTOP M. D., SEVER B., AKALIN ÇİFTÇİ G.  
3. İlaç ve Eczacılık Kongres 2017, 26 - 29 April 2017
- XXXVI. **Synthesis and evaluatin of new 4,5-dimethyl-2-(2-(aryl methylene)hydrazinyl)thiazole derivatives as anticancer agents**  
EKSELLİ B., AKALIN ÇİFTÇİ G., EVREN A. E., YURTTAŞ L.  
3. İlaç ve Eczacılık Kongresi 2017, 26 - 29 April 2017
- XXXVII. **Türkiye’de yetişen Brevispatha Valsecchi, seksiyonuna ait Allium L. türlerinin MC-7 insan meme kanseri hücreleri üzerine antiproliferatif etkileri**  
EKŞİ G., AKALIN ÇİFTÇİ G., GENÇLER ÖZKAN A. M.

Uluslararası İlaç ve Eczacılık Kongresi (IVEK-3), İstanbul, Turkey, 26 - 29 April 2017

- XXXVIII. **Synthesis and evaluation of new 4,5-dimethyl-2-(2-(arylmethylene)hydrazinyl)thiazole derivatives as anticancer agents**  
Ekselli B., AKALIN ÇİFTÇİ G., Evren A. E., YURTTAŞ L.  
Uluslararası İlaç ve Eczacılık Kongresi, 26 - 29 April 2017
- XXXIX. **Synthesis and biological evaluation of 1,3,4-oxadiazole derivatives bearing substituted phenyl/benzothiazole moiety**  
KAYA B., YURTTAŞ L., AKALIN ÇİFTÇİ G., TEMEL H. E.  
Uluslararası İlaç ve Eczacılık Kongresi, 26 - 29 April 2017
- XL. **Betülinin A549 Akciğer Adenokarsinom Hücre Hatları Üzerindeki Antiproliferatif ve Apoptotik Etkileri**  
KIRAN İ., KAHRAMAN G., ÖZŞEN Ö., AKALIN ÇİFTÇİ G.  
Uluslararası Katılımlı 5. İlaç Kimyası Kongresi, 30 March - 02 April 2017
- XLI. **HepG2 Hepatoma Hücrelerinde Perillil Alkol ve Dihidroperillik Asidin DNA Sentez İnhibisyonu ve Apoptotik Etkileri**  
KIRAN İ., OTURANEL C., ÖZŞEN Ö., AKALIN ÇİFTÇİ G.  
Uluslararası Katılımlı 5. İlaç Kimyası Kongresi, 30 March - 02 April 2017
- XLII. **Abiyetik Asit ve Metabolitlerinin A549 Akciğer Adenokarsinom Hücre Hatları Üzerindeki Antiproliferatif ve Apoptotik Etkileri**  
KIRAN İ., ÖZŞEN Ö., AKALIN ÇİFTÇİ G.  
Uluslararası Katılımlı 5. İlaç Kimyası Kongresi, 30 March - 02 April 2017
- XLIII. **Betülin Molekülünün Hepatoma Üzerindeki Apoptotik Etkileri**  
KIRAN İ., KAHRAMAN G., ÖZŞEN Ö., AKALIN ÇİFTÇİ G.  
Uluslararası Katılımlı 5. İlaç Kimyası Kongresi, 30 March - 02 April 2017
- XLIV. **New Benzothiazole Imidazoles Derivatives and Their Antiproliferative Activity Against Glioma C6 and Liver HepG2 Cancer Cell Lines**  
YURTTAŞ L., ERTAŞ M., AKALIN ÇİFTÇİ G., DEMİRAYAK Ş.  
4th International Conference on Computation for Science and technology, 3 - 04 November 2016
- XLV. **Synthesis of Novel Thiazole Derivatives and Evaluation of Their Cytotoxic Effects on A549 Cells**  
SEVER B., ALTINTOP M. D., AKALIN ÇİFTÇİ G., ÖZDEMİR A.  
XXIV National Meeting on Medicinal Chemistry and 10th Young Medicinal Chemists' Symposium, 11 - 14 September 2016
- XLVI. **SYNTHESIS AND EVALUATION OF A SERIES OF BENZOAZOLE DERIVATIVES AS NEW ANTICANCER AGENTS**  
ALTINTOP M. D., AKALIN ÇİFTÇİ G., ÖZKAY Y.  
XXIV National Meeting in Medicinal Chemistry, 11 - 14 September 2016
- XLVII. **Protective effects of Salvia L ekstracts in a rat model of renal ischemia reperfusion injury**  
ERTORUN İ., ALATAŞ İ. Ö., AKALIN ÇİFTÇİ G., ÖZ S., ERÖZ POYRAZ İ., ÖZTÜRK N.  
41 th FEBS Congress, 3 - 08 September 2016
- XLVIII. **Novel benzothiazole acetamide derivatives induces apoptosis in A549 lung adenocarcinoma**  
AKALIN ÇİFTÇİ G., SEVER A., KAYA ÇAVUŞOĞLU B., YURTTAŞ L.  
41th FEBS Congress, 3 - 08 September 2016
- XLIX. **Biological activity evaluataion of new 3 5 6 trisubstituted triazine derivatives bearing different heterocyclic rings against lung cancer cell lines**  
YURTTAŞ L., AKALIN ÇİFTÇİ G., TEMEL H. E., DEMİR B.  
41th FEBS congress, 3 - 08 September 2016
- L. **Some triazine-benzothiazole derivatives have cytotoxic and anticancer properties on A549 lung adenocarcinoma**  
AKALIN ÇİFTÇİ G., DEMİR B., YURTTAŞ L., TEMEL H. E., SAĞLIK B. N.  
The 41st FEBS Congress-Molecular and Sysmtems Biology for a Better Life (FEBS 2016), KUŞADASI, Turkey, 3 - 08 September 2016

- LI. **Cytotoxic Apoptotic and DNA Synthesis Inhibitory Effects of New Quinoxaline Derivatives**  
ALTINTOP M. D., AKALIN ÇİFTÇİ G., ÖZKAY Y.  
12th International Congress of Cell Biology, Prag, Czech Republic, 21 - 25 July 2016
- LII. **Synthesis and evaluation of new thiosemicarbazone derivatives as potential COX inhibitors**  
ALTINTOP M. D., ÖZDEMİR A., SEVER B., AKALIN ÇİFTÇİ G., KAPLANCIKLI Z. A.  
17th Tetrahedron Symposium, 28 June - 01 July 2016
- LIII. **Synthesis and Evaluation of DNA Inhibitory Effects of Novel Thiosemicarbazone Derivatives**  
SEVER B., ALTINTOP M. D., AKALIN ÇİFTÇİ G., KAPLANCIKLI Z. A.  
1st International Cell Death Research Congress, İzmir, Turkey, 4 - 07 May 2016
- LIV. **Synthesis and evaluation of DNA Inhibitory Effects of Novel Thiosemicarbazone Derivatives**  
SEVER B., ALTINTOP M. D., AKALIN ÇİFTÇİ G., KAPLANCIKLI Z. A.  
1th Cell Death Research Congress-Turkey, 4 - 07 May 2016
- LV. **DNA Synthesis Inhibitory Effects of New Thiazole Derivatives**  
ALTINTOP M. D., ÖZDEMİR A., AKALIN ÇİFTÇİ G.  
1st International Cell Death Research Congress, 4 - 07 May 2016
- LVI. **Synthesis and Evaluation of DNA Inhibitory Effects of Novel Thiosemicarbazone Derivatives**  
SEVER B., ALTINTOP M. D., AKALIN ÇİFTÇİ G., KAPLANCIKLI Z. A.  
1st International Cell Death Research Congress, İzmir, Turkey, 4 - 07 May 2016
- LVII. **Some pyrimidine derivatives has cytotoxic and anticancer properties against A549 lung adenocarcinoma**  
DEMİR B., AKALIN ÇİFTÇİ G., TEMEL H. E., YURTTAŞ L., GÖRGÜLÜ KAHYAOĞLU Ş., KAPLANCIKLI Z. A.  
8th International conference and exhibition on pharmaceuticals & novel drug delivery systems, 7 - 09 March 2016
- LVIII. **Synthesis and cytotoxic effects of new benzodioxole derivatives on A549 and C6 cells**  
ALTINTOP M. D., SEVER B., AKALIN ÇİFTÇİ G.  
IVEK 2nd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 27 - 29 November 2015
- LIX. **Inhibitory Effects of Lavandula angustifolia Essential oil on Selected Metalloproteinases**  
DEMİRCİ F., TEMEL H. E., AKALIN ÇİFTÇİ G., ŞENER G., GÖĞER G., İŞCAN G., BAŞER K. H. C.  
8th Brazilian Symposium on Essential Oils (SBOE) – International Symposium on Essential Oils (ISEO), 10 - 13 November 2015
- LX. **Novel Dibenzofuran Derivatives Synthesis And Anticholinesterase Activity**  
Temel H. E., Akalın Çiftçi G., Yurttaş L., Kaya B., Kaplanıklı Z. A.  
International Multidisciplinary Symposium on Drug Research and Development 2015, Eskişehir, Turkey, 15 - 17 October 2015
- LXI. **Some triazine-benzothiazole derivatives induces cytotoxicity and apoptosis on A549 lung adenocarcinoma**  
AKALIN ÇİFTÇİ G., DEMİR B., YURTTAŞ L., TEMEL H. E., SAĞLIK B. N.  
3th International BAU-Drug Design Congress, İstanbul, Turkey, 1 - 03 October 2015
- LXII. **The Cytotoxic activity guided fractionation of Arum Italicum Miller Rhizomes**  
AĞALAR H. G., AKALIN ÇİFTÇİ G., KIRIMER N.  
11th International symposium on the chemistry of natural compounds, 1 - 04 October 2015
- LXIII. **Synthesis and evaluation of some benzodioxole-based thiosemicarbazone derivatives as novel anticancer agents**  
SEVER B., ALTINTOP M. D., AKALIN ÇİFTÇİ G., TEMEL H. E., KAPLANCIKLI Z. A.  
3rd International BAU Drug Design Congress, İstanbul, Turkey, 1 - 03 October 2015
- LXIV. **The cytotoxic activity guided fractionation of Arum italicum Miller rhizomes**  
AĞALAR H. G., AKALIN ÇİFTÇİ G., KIRIMER N.  
11th SCNC, 1 - 04 October 2015
- LXV. **Synthesis and Antiproliferative Activity of Some New 2,5-Disubstituted Oxadiazole Derivatives**  
KAYA B., YURTTAŞ L., AKALIN ÇİFTÇİ G., KAPLANCIKLI Z. A.  
11th International Symposium on Pharmaceutical Sciences, (ISOPS-11), 9 - 12 June 2015
- LXVI. **Novel Morpholine Dithiocarbamate Derivatives Bearing Benzimidazole Moiety Induces Apoptosis**

- TEMEL H. E., AKALIN ÇİFTÇİ G., YURTTAŞ L.  
11th International Symposium on Pharmaceutical Sciences (ISOPS-11), 9 - 12 June 2015
- LXVII. **Apoptotic Effect of Novel Benzimidazole Derivatives Bearing Pyridyl Pyrimidinyl Piperazine Moiety**  
AKALIN ÇİFTÇİ G., TEMEL H. E., YURTTAŞ L.  
11th International Symposium on Pharmaceutical Sciences (ISOPS-11), 9 - 12 June 2015
- LXVIII. **synthesis and antiproliferative activity of some new 2 5 disubstituted oxadiazole derivative**  
KAYA B., YURTTAŞ L., AKALIN ÇİFTÇİ G., KAPLANCIKLİ Z. A.  
ISOPS 11th International symposium on pharmaceutical sciences, 9 - 12 June 2015
- LXIX. **Synthesis and Biochemical Mechanisms of Bisthiazole Derivatives Action**  
TURAN G., ALTINTOP M. D., ÖZDEMİR A., TEMEL H. E., AKALIN ÇİFTÇİ G., KAPLANCIKLİ Z. A.  
Fourth International Meeting on Pharmacy & Pharmaceutical Sciences (IMPPS-2014), İstanbul, Turkey, 18 - 21 September 2014
- LXX. **Synthesis and anticancer activity of new oxadiazole derivatives**  
ALTINTOP M. D., AKALIN ÇİFTÇİ G., KAPLANCIKLİ Z. A.  
Joining forces in pharmaceutical analysis and medicinal chemistry, Groningen, Netherlands, 25 - 26 August 2014
- LXXI. **Synthesis and evaluation of thiazole-based oxadiazole derivatives as potential anticancer agents**  
ÖZDEMİR A., ALTINTOP M. D., TURAN G., SEVER B., AKALIN ÇİFTÇİ G., KAPLANCIKLİ Z. A.  
MCB2014 Joining forces in pharmaceutical analysis and medicinal chemistry, Groningen, Netherlands, 25 - 26 August 2014
- LXXII. **Phenolic Contents In vitro Antioxidant and Cytotoxic Activities of Salvia aethiopsis L Lamiaceae**  
ERÖZ POYRAZ İ., ÖZTÜRK N., AKALIN ÇİFTÇİ G.  
The First Mediterranean Symposium on Medicinal and Aromatic Plants, Gazimagusa, Cyprus (Kktc), 17 - 20 April 2013
- LXXIII. **Phenolic Contents and Some Bioactive Properties of Extracts Obtained from Salvia ceratophylla L Lamiaceae**  
ÖZTÜRK N., ERÖZ POYRAZ İ., AKALIN ÇİFTÇİ G., TUNÇEL M.  
The First Mediterranean Symposium on Medicinal and Aromatic Plants, Gazimagusa, Cyprus (Kktc), 17 - 20 April 2013

## Supported Projects

- AKALIN ÇİFTÇİ G., SELLER Z., Bazı Doğal ve Sentetik Bileşiklerin Kanserli Hücre içi Protein Aktivasyonuna ve Apoptoz Üzerine Etkileri, Continues
- AKALIN ÇİFTÇİ G., Kanserde Apoptosis Duyarlılık Mekanizmasında Ras Sinyal Yolu İntegrin Etkileşimi, Continues
- AKALIN ÇİFTÇİ G., Hiperkolesterolemik Hastalar ve Ratlarda Atorvastatin ve bazı Thiazolinedion Türevlerinin Kardiyovasküler Faktörler Endotel fonksiyonlar ve İnflamasyon Açısından değerlendirilmesi, Continues
- AKALIN ÇİFTÇİ G., Bazı Şalkon Türevlerinin Sentezleri ve Siklooksijenaz İnhibitör Etkileri 1306S227, Continues
- AKALIN ÇİFTÇİ G., DİKMEN M., ÖZDEMİR F., Hepatoselüler Karsinomda Oksidatif Stres ve Apoptoz, Continues
- AKALIN ÇİFTÇİ G., ATLI EKİÖĞLU Ö., TUBITAK Project, Yeni İlaç Adayı Moleküllerin Mikrobiyal Biyodönüşüm Tepkimeleri ile Eldesi ve Biyolojik Etkilerinin İncelenmesi, Continues
- Sever B., Akalın Çiftçi G., Özdemir A., Altıntop M. D., TUBITAK Project, Yeni Triazolotiyadiazin Türevlerinin Tasarımı, Sentezi ve Akciğer Kanseri Tedavisinde Hedefe Yönelik Antikanser Etki Profillerinin Araştırılması, 2019 - 2020
- Özdemir A., Altıntop M. D., Akalın Çiftçi G., Sever B., Project Supported by Higher Education Institutions, Yeni İndol Türevlerinin Sentezlenmesi, Antikanser ve COX İnhibitör Etkilerinin Araştırılması ve Docking Çalışmaları, 2016 - 2019
- AKALIN ÇİFTÇİ G., YURTTAŞ L., Project Supported by Higher Education Institutions, Yeni N-(3,4-Disübstitüetiyazoliden)-2-(Tetrahidronaftalen-2-il)oksiasetohidrazid Türevlerinin Sentezleri, Yapılarının Aydınlatılması ve Antikanser, Enzim İnhibisyon Etkilerinin Araştırılması, 2015 - 2018
- AKALIN ÇİFTÇİ G., KAPLANCIKLİ Z. A., ALTINTOP M. D., ÖZDEMİR A., SEVER B., Project Supported by Higher Education Institutions, Yeni Tiyosemikarbazon Türevlerinin Sentezleri ve Siklooksijenaz İnhibitör Etkileri, 2016 - 2017
- AKALIN ÇİFTÇİ G., TEMEL H. E., YURTTAŞ L., Project Supported by Higher Education Institutions, Yeni 1,2,4-triazin

türevlerinin sentezi ve biyolojik aktivitelerinin değerlendirilmesi, 2016 - 2017

TEMEL H. E., AKALIN ÇİFTÇİ G., YURTTAŞ L., Project Supported by Higher Education Institutions, 1-Fenilamino-2-tiyol-4,5-dimetil-1H-imidazol türevlerinin sentezi ve antikanser ve antiinflamatuvar etkileri, 2016 - 2017

TEMEL H. E., AKALIN ÇİFTÇİ G., YURTTAŞ L., KAYA ÇAVUŞOĞLU B., Project Supported by Higher Education Institutions, Bazı 2,5-Disübstitüe Oksadiazol Türevlerinin Sentezi ve Antikanser Aktivitelerinin Araştırılması, 2016 - 2017

AKALIN ÇİFTÇİ G., Project Supported by Higher Education Institutions, Investigations on Anticancer Activities of Allium L Species Sect Brevispatha Grown in Turkey, 2016 - 2017

AKALIN ÇİFTÇİ G., ATLI EKİOĞLU Ö., TUBİTAK Project, Yeni ilaç adayı moleküllerin mikrobiyal biyodönüşüm tepkimeleri ile eldesi ve biyolojik etkilerinin incelenmesi Proje No 114Z380, 2014 - 2017

Altıntop M. D., Özdemir A., Kaplancıklı Z. A., Akalın Çiftçi G., Temel H. E., Sever B., Project Supported by Higher Education Institutions, Yeni Tiyazol Türevlerinin Sentezleri ve In vitro Etkilerinin Araştırılması, 2015 - 2016

TEMEL H. E., AKALIN ÇİFTÇİ G., YURTTAŞ L., Project Supported by Higher Education Institutions, Yeni N dibenzo b d furan 3 il 2 ariloksiasetamid türevlerinin sentezi ve biyolojik aktivitelerinin değerlendirilmesi, 2015 - 2016

TEMEL H. E., AKALIN ÇİFTÇİ G., YURTTAŞ L., Project Supported by Higher Education Institutions, Bazı 2 5 6 difenil 1 2 4 triazin 3 il tiyo N tiyazol benzotiyazol 2 il asetamid türevlerinin sentezi ve biyolojik aktivitelerinin değerlendirilmesi, 2015 - 2016

Akalın Çiftçi G., Altıntop M. D., Temel H. E., Özdemir A., Project Supported by Higher Education Institutions, Bazı Tiyazol Türevlerinin Antikanser ve Kolinesteraz Enzim İnhibisyon Etkilerinin Araştırılması, 2014 - 2016

AKALIN ÇİFTÇİ G., Project Supported by Higher Education Institutions, Benzodioksol halkası içeren tiyosemikarbazon türevlerinin antikanser ve antikolinesteraz etkilerinin belirlenmesi, 2014 - 2016

TEMEL H. E., AKALIN ÇİFTÇİ G., ALTINTOP M. D., KAPLANCIKLI Z. A., SEVER B., Project Supported by Higher Education Institutions, Benzodioksol Halkası İçeren Tiyosemikarbazon Türevlerinin Antikanser ve Kolinesteraz Etkilerinin Araştırılması, 2014 - 2016

AKALIN ÇİFTÇİ G., TURAN G., ÖZDEMİR A., ALTINTOP M. D., KAPLANCIKLI Z. A., SEVER B., Project Supported by Higher Education Institutions, Yeni 1,3,4-Oksadiazol Türevlerinin Sentezlenmesi ve Antikanser Etkilerinin Araştırılması, 2014 - 2016

Altıntop M. D., Özdemir A., Kaplancıklı Z. A., Akalın Çiftçi G., Sever B., Project Supported by Higher Education Institutions, Bazı Ditiyokarbamat Türevlerinin Sentezi ve Antikanser Etkilerinin Araştırılması, 2014 - 2015

TEMEL H. E., AKALIN ÇİFTÇİ G., YURTTAŞ L., Project Supported by Higher Education Institutions, Bazı Morfolin Kalıntısı Taşıyan Benzimidazol Türevlerinin Antikanser ve Enzim İnhibisyon Etkileri, 2014 - 2015

AKALIN ÇİFTÇİ G., YURTTAŞ L., Project Supported by Higher Education Institutions, Bazı 1 2 aril 2 okzoetil benzimidazol türevlerinin antikanser etkileri, 2014 - 2015

AKALIN ÇİFTÇİ G., Project Supported by Higher Education Institutions, Kombine Cis platin ve Viniferin Kullanımının Sıçan Glioma Hücreleri Üzerine Apoptotik Etkileri, 2012 - 2015

## Patent

Sever B., Altıntop M. D., Özdemir A., Akalın Çiftçi G., TARGETED NOVEL TRIAZOLOTHIADIAZINE DERIVATIVES FOR THE TREATMENT OF LUNG CANCER, Patent, CHAPTER A Human Needs, The Invention Registration Number: EP3958980 , Standard Registration, 2023