

## Assoc. Prof. BELGİN SEVER

### Personal Information

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### International Researcher IDs

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ScopusID: 56789933000

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### Education Information

Post Doctorate, Kumamoto University, Faculty of Life Sciences, Medicinal and Biological Chemistry Science Farm Joint Research Laboratory, Japan 2022 - 2023

Post Doctorate, Kumamoto University, Faculty of Life Sciences, Medicinal and Biological Chemistry Science Farm Joint Research Laboratory, Japan 2020 - 2021

Doctorate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (Dr), Turkey 2015 - 2019

Postgraduate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (YI) (Tezli), Turkey 2013 - 2015

Undergraduate, Anadolu University, ECZACILIK FAKÜLTESİ, Eczacılık Pr., Turkey 2008 - 2013

### Dissertations

Doctorate, Yeni pirazolin türevlerinin sentezi ve antikanser etki çalışmaları, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (Dr), 2019

Postgraduate, Yeni triazolotiyadiazin türevlerinin sentezi ve biyolojik etki çalışmaları, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (YI) (Tezli), 2015

### Courses

ECZ453 (Tür) K Kanıta Dayalı Eczacılık ve Arastırma IX, Undergraduate, 2021 - 2022

ECZ875 (Tür) H Mezuniyet Projesi I, Undergraduate, 2021 - 2022

ECZ321 (Tür) Farmasötik Kimya Uygulamaları I, Undergraduate, 2021 - 2022

ECZ115-3 (Tür) A Genel Kimya, Undergraduate, 2021 - 2022

ECZ 321 Farmasötik Kimya Uygulamaları I (Tür) (Yaz Okulu), Undergraduate, 2020 - 2021

ECZ875 Mezuniyet Projesi I (Tür) H Grubu, Undergraduate, 2019 - 2020

ECZ876 Mezuniyet Projesi II (Tür) H Grubu, Undergraduate, 2019 - 2020

ECZ322 Farmasötik Kimya Uygulamaları II (Tür), Undergraduate, 2019 - 2020

ECZ321 Farmasötik Kimya Uygulamaları I (Tür) B Grubu, Undergraduate, 2019 - 2020

ECZ321 Farmasötik Kimya Uygulamaları I (Tür) A Grubu, Undergraduate, 2019 - 2020

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

- I. **Evaluation of anti-glioma effects of benzothiazoles as efficient apoptosis inducers and DNA cleaving agents**  
SEVER B., Ciftci H.  
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.478, no.5, pp.1099-1108, 2023 (SCI-Expanded)
- II. **Synthesis, in silico and in vitro evaluation of new 3,5-disubstituted-1,2,4-oxadiazole derivatives as carbonic anhydrase inhibitors and cytotoxic agents**  
Kucukoglu K., Faydali N., Bul D., NADAROĞLU H., SEVER B., ALTINTOP M. D., Ozturk B., Guzel I.  
Journal of Molecular Structure, vol.1276, 2023 (SCI-Expanded)
- III. **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)
- IV. **Studies on 1,4-Quinone Derivatives Exhibiting Anti-Leukemic Activity along with Anti-Colorectal and Anti-Breast Cancer Effects**  
Ciftci H., SEVER B., Kaya N., BAYRAK N., Yıldız M., YILDIRIM H., Tateishi H., Otsuka M., Fujita M., TUYUN A. F.  
Molecules, vol.28, no.1, 2023 (SCI-Expanded)
- V. **Design, semi-synthesis and examination of new gypsogenin derivatives against leukemia via Abl tyrosine kinase inhibition and apoptosis induction**  
Ulusoy N. G., EMİRDAĞ S., Sozer E., Radwan M. O., Ciftci H., AKSEL M., ÖZMEN A., YAYLI N., KARAYILDIRIM T., ALANKUŞ Ö., et al.  
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.222, pp.1487-1499, 2022 (SCI-Expanded)
- VI. **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)
- VII. **An investigation of bacteriocin nisin anti-cancer effects and FZD7 protein interactions in liver cancer cells**  
BALÇIK ERÇİN P., SEVER B.  
CHEMICO-BIOLOGICAL INTERACTIONS, vol.366, 2022 (SCI-Expanded)
- VIII. **Identification of New L-Heptanoylphosphatidyl Inositol Pentakisphosphate Derivatives Targeting the Interaction with HIV-1 Gag by Molecular Modelling Studies**  
Ciftci H., SEVER B., Ayan E., Can M., DeMirici H., Otsuka M., TuYuN A. F., Tateishi H., Fujita M.  
PHARMACEUTICALS, vol.15, no.10, 2022 (SCI-Expanded)
- IX. **In Vitro Cytotoxicity Evaluation of Plastoquinone Analogues against Colorectal and Breast Cancers along with In Silico Insights**  
Ciftci H., SEVER B., Bayrak N., Tateishi H., Otsuka M., Fujita M., TUYUN A. F., Mahmut Yildiz M. Y., YILDIRIM H.  
PHARMACEUTICALS, vol.15, no.10, 2022 (SCI-Expanded)
- X. **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)
- XI. **Comprehensive Research on Past and Future Therapeutic Strategies Devoted to Treatment of Amyotrophic Lateral Sclerosis**  
SEVER B., Ciftci H., DeMirici H., Sever H., Ocak F., Yulug B., Tateishi H., Tateishi T., Otsuka M., Fujita M., et al.  
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.23, no.5, 2022 (SCI-Expanded)
- XII. **In Vitro and In Silico Study of Analogs of Plant Product Plastoquinone to Be Effective in Colorectal Cancer Treatment**  
Ciftci H., SEVER B., Ocak F., Bayrak N., YILDIZ M., YILDIRIM H., DeMirici H., Tateishi H., Otsuka M., Fujita M., et al.  
MOLECULES, vol.27, no.3, 2022 (SCI-Expanded)
- XIII. **A New Series of Indeno[1,2-c]pyrazoles as EGFR TK Inhibitors for NSCLC Therapy**  
ÖZDEMİR A., Ciftci H., SEVER B., Tateishi H., Otsuka M., Fujita M., ALTINTOP M. D.  
MOLECULES, vol.27, no.2, 2022 (SCI-Expanded)

- XIV. **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)
- XV. **EGFR-Targeted Pentacyclic Triterpene Analogues for Glioma Therapy**  
Ciftci H. I., Radwan M. O., SEVER B., Hamdy A. K., EMİRDAĞ S., Ulusoy N. G., Sozer E., Can M., YAYLI N., Araki N., et al.  
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.22, no.20, 2021 (SCI-Expanded)
- XVI. **Design, synthesis and investigation of the mechanism of action underlying anti-leukemic effects of the quinolinequinones as LY83583 analogs**  
Ciftci H., BAYRAK N., YILDIZ M., YILDIRIM H., SEVER B., Tateishi H., Otsuka M., Fujita M., Tuyun A. F.  
BIOORGANIC CHEMISTRY, vol.114, 2021 (SCI-Expanded)
- XVII. **Structure based design, synthesis, and evaluation of anti-CML activity of the quinolinequinones as LY83583 analogs**  
BAYRAK N., Ciftci H. I., YILDIZ M., YILDIRIM H., SEVER B., Tateishi H., Otsuka M., Fujita M., Tuyun A. F.  
CHEMICO-BIOLOGICAL INTERACTIONS, vol.345, 2021 (SCI-Expanded)
- XVIII. **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)
- XIX. **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)
- XX. **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)
- XXI. **Synthesis of New Bis-pyrazolines Endowed with Potent Antifungal Activity against Candida albicans and Aspergillus niger**  
SEVER B., ALTINTOP M. D., ÖZDEMİR A.  
LETTERS IN DRUG DESIGN & DISCOVERY, vol.18, no.1, pp.3-15, 2021 (SCI-Expanded)
- XXII. **A New Series of Antileukemic Agents: Design, Synthesis, In Vitro and In Silico Evaluation of Thiazole-Based ABL1 Kinase Inhibitors**  
Zeytun E., ALTINTOP M. D., SEVER B., ÖZDEMİR A., Ellakwa D. E., Ocak Z., Ciftci H. I., Otsuka M., Fujita M., Radwan M. O.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.21, no.9, pp.1099-1109, 2021 (SCI-Expanded)
- XXIII. **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)
- XXIV. **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)
- XXV. **Thiazolyl-pyrazoline derivatives: In vitro and in silico evaluation as potential acetylcholinesterase and carbonic anhydrase inhibitors**  
SEVER B., TÜRKEŞ C., ALTINTOP M. D., Demir Y., BEYDEMİR Ş.  
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.163, pp.1970-1988, 2020 (SCI-Expanded)
- XXVI. **Pyrazole Incorporated New Thiosemicarbazones: Design, Synthesis and Investigation of DPP-4 Inhibitory Effects**  
SEVER B., Soybir H., Gorgulu S., CANTÜRK Z., ALTINTOP M. D.  
MOLECULES, vol.25, no.21, 2020 (SCI-Expanded)

- XXVII. **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)
- XXVIII. **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)
- XXIX. **In vitro and in silico studies on AChE inhibitory effects of a series of donepezil-like arylidene indanones**  
SEVER B., ALTINTOP M. D., TEMEL H. E.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.45, no.4, pp.359-363, 2020 (SCI-Expanded)
- XXX. **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)
- XXXI. **A Series of Furan-based Hydrazones: Design, Synthesis, and Evaluation of Antimicrobial Activity, Cytotoxicity and Genotoxicity**  
ALTINTOP M. D., SEVER B., ATLI EKLİOĞLU Ö., BAYSAL M., Demirel R., ÖZDEMİR A.  
LETTERS IN DRUG DESIGN & DISCOVERY, vol.17, no.3, pp.312-322, 2020 (SCI-Expanded)
- XXXII. **Investigation of the inhibitory effects of isoindoline-1,3-dion derivatives on hCA-I and hCA-II enzyme activities**  
NADAROĞLU H., Gungor A. A., GÜNDOĞDU Ö., KİSHALI N., SEVER B., ALTINTOP M. D.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1197, pp.386-392, 2019 (SCI-Expanded)
- XXXIII. **Design, synthesis and biological evaluation of a new series of thiazolyl-pyrazolines as dual EGFR and HER2 inhibitors**  
Sever B., Altintop M. D., Radwan M. O., Özdemir A., Otsuka M., Fujita M., Ciftci H. I.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.182, 2019 (SCI-Expanded)
- XXXIV. **In silico Molecular Docking and ADME Studies of 1 3,4-Thiadiazole Derivatives in Relation to in vitro PON1 Activity**  
SEVER B., KÜÇÜKOĞLU K., NADAROĞLU H., ALTINTOP M. D.  
CURRENT COMPUTER-AIDED DRUG DESIGN, vol.15, no.2, pp.136-144, 2019 (SCI-Expanded)
- XXXV. **New Benzodioxole-based Pyrazoline Derivatives: Synthesis and Anticandidal, In silico ADME, Molecular Docking Studies**  
ÖZDEMİR A., SEVER B., ALTINTOP M. D.  
LETTERS IN DRUG DESIGN & DISCOVERY, vol.16, no.1, pp.82-92, 2019 (SCI-Expanded)
- XXXVI. **Biological evaluation of a series of benzothiazole derivatives as mosquitocidal agents**  
SEVER B., ALTINTOP M. D., ÖZDEMİR A., Tabanca N., Estep A. S., Becnel J. J., Bloomquist J. R.  
OPEN CHEMISTRY, vol.17, no.1, pp.288-294, 2019 (SCI-Expanded)
- XXXVII. **Design, Synthesis, and Neuroprotective Effects of a Series of Pyrazolines against 6-Hydroxydopamine-Induced Oxidative Stress**  
ÖZDEMİR A., SEVER B., ALTINTOP M. D., KAYA TILKİ E., DİKMEN M.  
MOLECULES, vol.23, no.9, 2018 (SCI-Expanded)
- XXXVIII. **Design, synthesis, in vitro and in silico evaluation of new pyrrole derivatives as monoamine oxidase inhibitors**  
ALTINTOP M. D., SEVER B., OSMANİYE D., SAĞLIK B. N., ÖZDEMİR A.  
ARCHIV DER PHARMAZIE, vol.351, no.7, 2018 (SCI-Expanded)
- XXXIX. **Design, synthesis, in vitro and in silico evaluation of a new series of oxadiazole-based anticancer agents as potential Akt and FAK inhibitors**  
Altintop M. D., Sever B., Akalın Çiftçi G., Turan-Zitouni G., Kaplancıklı Z. A., Özdemir A.

EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.155, pp.905-924, 2018 (SCI-Expanded)

- XL. **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)
- XLI. **Design, Synthesis, and Biological Evaluation of Novel 1,3,4-Thiadiazole Derivatives as Potential Antitumor Agents against Chronic Myelogenous Leukemia: Striking Effect of Nitrothiazole Moiety**  
Altintop M. D., Ciftci H. I., Radwan M. O., Sever B., Kaplancıklı Z. A., Ali T. F. S., Koga R., Fujita M., Otsuka M., Özdemir A.  
MOLECULES, vol.23, no.1, 2018 (SCI-Expanded)
- XLII. **Synthesis of New Thiazolyl-pyrazoline Derivatives and Evaluation of Their Antimicrobial, Cytotoxic and Genotoxic Effects**  
SEVER B., ALTINTOP M. D., Gencer H. K., KAPKAÇ H. A., ATLI EKİÖĞLU Ö., BAYSAL M., ÖZDEMİR A.  
LETTERS IN DRUG DESIGN & DISCOVERY, vol.15, no.7, pp.744-756, 2018 (SCI-Expanded)
- XLIII. **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)
- XLIV. **Synthesis and Evaluation of a Series of 1,3,4-Thiadiazole Derivatives as Potential Anticancer Agents**  
ALTINTOP M. D., SEVER B., ÖZDEMİR A., ILGIN S., ATLI EKİÖĞLU Ö., Turan-Zitouni G., KAPLANCIKLI Z. A.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.18, no.11, pp.1606-1616, 2018 (SCI-Expanded)
- XLV. **Synthesis and Biological Evaluation of New Quinoline-Based Thiazolyl Hydrazone Derivatives as Potent Antifungal and Anticancer Agents**  
Erguc A., ALTINTOP M. D., ATLI EKİÖĞLU Ö., SEVER B., İŞCAN G., Gormus G., ÖZDEMİR A.  
LETTERS IN DRUG DESIGN & DISCOVERY, vol.15, no.2, pp.193-202, 2018 (SCI-Expanded)
- XLVI. **A New Series of Pyrrole-Based Chalcones: Synthesis and Evaluation of Antimicrobial Activity, Cytotoxicity, and Genotoxicity**  
ÖZDEMİR A., ALTINTOP M. D., SEVER B., Gencer H. K., KAPKAÇ H. A., ATLI EKİÖĞLU Ö., BAYSAL M.  
MOLECULES, vol.22, no.12, 2017 (SCI-Expanded)
- XLVII. **Potential inhibitors of human carbonic anhydrase isozymes I and II: Design, synthesis and docking studies of new 1,3,4-thiadiazole derivatives**  
ALTINTOP M. D., SEVER B., ÖZDEMİR A., KÜÇÜKOĞLU K., Onem H., NADAROĞLU H., KAPLANCIKLI Z. A.  
BIOORGANIC & MEDICINAL CHEMISTRY, vol.25, no.13, pp.3547-3554, 2017 (SCI-Expanded)
- XLVIII. **Synthesis and Evaluation of New Oxadiazole, Thiadiazole, and Triazole Derivatives as Potential Anticancer Agents Targeting MMP-9**  
ÖZDEMİR A., SEVER B., ALTINTOP M. D., TEMEL H. E., ATLI EKİÖĞLU Ö., BAYSAL M., DEMİRCİ F.  
MOLECULES, vol.22, no.7, 2017 (SCI-Expanded)
- XLIX. **Synthesis and evaluation of new benzodioxole-based dithiocarbamate derivatives as potential anticancer agents and hCA-I and hCA-II inhibitors**  
Altintop M. D., Sever B., Akalın Çiftçi G., Kucukoglu K., Özdemir A., Soleimani S. S., Nadaroğlu H., Kaplancıklı Z. A.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.125, pp.190-196, 2017 (SCI-Expanded)
- L. **Synthesis and Evaluation of A New Series of Thiazole Derivatives as Potential Antitumor Agents and MMP Inhibitors**  
KAPLANCIKLI Z. A., ALTINTOP M. D., ATLI EKİÖĞLU Ö., SEVER B., BAYSAL M., TEMEL H. E., DEMİRCİ F., ÖZDEMİR A.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.17, no.5, pp.674-681, 2017 (SCI-Expanded)
- LI. **Synthesis and Evaluation of New Thiazolyl Hydrazone Derivatives as Potential Anticancer Agents**  
KAPLANCIKLI Z. A., SEVER B., ALTINTOP M. D., ATLI EKİÖĞLU Ö., BAYSAL M., ÖZDEMİR A.  
LETTERS IN DRUG DESIGN & DISCOVERY, vol.14, no.6, pp.672-677, 2017 (SCI-Expanded)
- LII. **Synthesis and Evaluation of New Benzodioxole-Based Thiosemicarbazone Derivatives as Potential Antitumor Agents**  
ALTINTOP M. D., TEMEL H. E., SEVER B., AKALIN ÇİFTÇİ G., KAPLANCIKLI Z. A.

MOLECULES, vol.21, no.11, 2016 (SCI-Expanded)

- LIII. **Synthesis and evaluation of naphthalene-based thiosemicarbazone derivatives as new anticancer agents against LNCaP prostate cancer cells**  
ALTINTOP M. D., SEVER B., ÖZDEMİR A., Kus G., Oztopcu-Vatan P., KABADERE S., KAPLANCIKLI Z. A.  
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, no.3, pp.410-416, 2016 (SCI-Expanded)
- LIV. **Indomethacin based new triazolothiadiazine derivatives: Synthesis, evaluation of their anticancer effects on T98 human glioma cell line related to COX-2 inhibition and docking studies**  
SEVER B., ALTINTOP M. D., KUŞ G., ÖZKURT M., ÖZDEMİR A., KAPLANCIKLI Z. A.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.113, pp.179-186, 2016 (SCI-Expanded)
- LV. **Synthesis and In Vitro Evaluation of New Thiosemicarbazone Derivatives as Potential Antimicrobial Agents**  
KAPLANCIKLI Z. A., ALTINTOP M. D., SEVER B., CANTÜRK Z., ÖZDEMİR A.  
JOURNAL OF CHEMISTRY, vol.2016, 2016 (SCI-Expanded)
- LVI. **Synthesis and Evaluation of New 1,5-Diaryl-3-[4-(methyl-sulfonyl)phenyl]-4,5-dihydro-1H-pyrazole Derivatives as Potential Antidepressant Agents**  
ÖZDEMİR A., SEVER B., KAPLANCIKLI Z. A., CAN Ö. D., Ozkay U. D., Turan-Zitouni G.  
MOLECULES, vol.20, no.2, pp.2668-2684, 2015 (SCI-Expanded)
- LVII. **Synthesis and Evaluation of Tetrazole-Based Hydrazone Derivatives Bearing a Pyridine Moiety as Antimicrobial Agents**  
ÖZDEMİR A., ALTINTOP M. D., SEVER B., CANTÜRK Z., KAPLANCIKLI Z. A.  
LETTERS IN DRUG DESIGN & DISCOVERY, vol.12, no.8, pp.687-693, 2015 (SCI-Expanded)

## Articles Published in Other Journals

- I. **In vitro and in silico assessment of antiproliferative activity of new acetamides bearing 1,3,4-oxadiazole and pyrimidine cores via COX inhibition**  
SEVER B., ALTINTOP M. D., AKALIN ÇİFTÇİ G.  
JOURNAL OF RESEARCH IN PHARMACY, vol.24, no.5, pp.656-669, 2020 (ESCI)
- II. **Design, synthesis and biological evaluation of new bis(thiosemicarbazone) derivatives as potential targeted anticancer agents for non-small cell lung cancer**  
Sever B., Akalın Çiftçi G., Özdemir A., Altintop M. D.  
JOURNAL OF RESEARCH IN PHARMACY, vol.24, no.5, pp.670-680, 2020 (ESCI)
- III. **A Comprehensive Study on Thiadiazole-Based Anticancer Agents Inducing Cell Cycle Arrest and Apoptosis/Necrosis Through Suppression of Akt Activity in Lung Adenocarcinoma and Glioma Cells**  
AKALIN ÇİFTÇİ G., SEVER B., ALTINTOP M. D.  
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.16, no.2, pp.119-131, 2019 (ESCI)
- IV. **Comprehensive Study on Thiadiazole-Based Anticancer Inducing Cell Cycle Arrest and Apoptosis/Necrosis Through Suppression of Akt Activity in Lung Adenocarcinoma and Glioma Cells**  
AKALIN ÇİFTÇİ G., SEVER B., ALTINTOP M. D.  
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.16, no.2, pp.119-131, 2019 (Scopus)
- V. **Design, synthesis and in vitro evaluation of new thiosemicarbazone derivatives as potential anticancer agents**  
Sever B., Akalın Çiftçi G., Özdemir A., Altintop M. D.  
JOURNAL OF RESEARCH IN PHARMACY, vol.23, no.1, pp.16-24, 2019 (ESCI)
- VI. **Antiproliferative Effects of a Series of Pyrazolines on Lung Cancer**  
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- I. **Konu Çalışması 10: HCV NS3-4A proteazın geri dönüşümlü inhibitörleri**  
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- II. **Konu Çalışması 2: ADE inhibitörlerinin tasarımı**  
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V. International Joint Science Congress of Materials and Polymers (ISCMP), Burdur, Turkey, 29 September - 01 October 2021
- II. **Determination of anticancer effects of 1,3,4-oxadiazole derivatives against glioblastoma multiforme**  
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- III. **Pyrazoline derivatives as anti-glioma agents**  
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- V. **New Imidazothiazole-Hydrazone Hybrids as Potent EGFR-Targeted Anticancer Agents**



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- VI. **Microwave-assisted Synthesis of A New Series of Pyrazolines Endowed with Potent Aldose Reductase Inhibitory Activity**  
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- VII. **A New Series of Thiosemicarbazides Endowed with Potent COX Inhibitory Activity**  
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- IX. **A new series of chalcones as potent cathepsin D and L inhibitors**  
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- X. **The Effects of a New Series of Phenothiazine-Based Hydrazones on Probiotic Microorganisms**  
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- XI. **Synthesis, In vitro and In silico Evaluation of A Series of Pyrazolines as New DPP-4 Inhibitors.**  
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- XII. **A New Series of Thiazole-Based ABL1 Kinase Inhibitors as Antitumor Agents against Chronic Myelogenous Leukemia**  
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- XIV. **Determination of Anticorectal Cancer Effects of New Imidazole-Based Thiazolyl Hydrazone Derivatives**  
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- XX. **Design, Synthesis and Biological Evaluation of A New Series of Hydrazones as Antitumor Agents**  
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- XXI. **Determination of The Mechanism of Action Underlying Anticancer Effects of New Triazolothiadiazine Derivatives**  
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- XXIII. **In Silico Studies on A Series of Thiosemicarbazone-based COX Inhibitors**  
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- XXXII. **Inhibition Effect of Arylidene indanones Derivatives on Acetylcholinesterase Enzyme Activity**  
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- LX. **PON1 aktivatörü tiyadiazol türevlerinin moleküler docking çalışmaları**  
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- LXI. **Pharmacy Students' Perceptions on Pharmaceutical Promotion**  
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- LXII. **Synthesis and Evaluation of New Quinoline-Based Thiazole Derivatives as Potent Anticancer Agents**  
ALTINTOP M. D., ERGÜÇ A., SEVER B., ATLI Ö.  
6th FIP Pharmaceutical Sciences World Congress 2017, Stockholm, Sweden, 21 - 24 May 2017
- LXIII. **A series of Pyrazoline Derivatives as Potent Anticandidal Agents**

ÖZDEMİR A., ALTINTOP M. D., SEVER B., KARACA GENÇER H., ATLI EKİÖĞLU Ö.

IVEK, 26 - 29 April 2017

- LXIV. **The Problems of Healthcare System in Turkey**  
SEVER B., ÖZDEMİR A., ALTINTOP M. D.  
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017
- LXV. **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
- LXVI. **Synthesis and Evaluation of Fluorobenzoxazole Based Hydrazone Derivatives 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
- LXVII. **Synthesis, Evaluation of New Chalcone Derivatives as Potential Anticholinesterase Agents and Docking Studies**  
SEVER B., ALTINTOP M. D., TEMEL H. E., ÖZDEMİR A.  
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017
- LXVIII. **Eczacıların Farmakoinformatiği Kullanma Amaçları**  
ÖZDEMİR A., SEVER B., ALTINTOP M. D.  
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017
- LXIX. **An Approach of Turkish Pharmaceutical Industry to Biotechnological and Biosimilar Drugs**  
SEVER B., ÖZDEMİR A., ALTINTOP M. D.  
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017
- LXX. **The Problem of Healthcare System in Turkey**  
SEVER B., ÖZDEMİR A., ALTINTOP M. D.  
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017
- LXXI. **The Effects of New Azole Derivatives on MMP Enzymes and Their Roles in Alzheimer's Disease**  
SEVER B., ALTINTOP M. D., TEMEL H. E., DEMİRCİ F.  
13th International Conference on Alzheimer's and Parkinson's Diseases (ADPD 2017), ViñYANA, Austria, 29 March - 02 April 2017, vol.17, pp.926-1890
- LXXII. **Pirazolin türevlerinin antikandidal etkilerinin araştırılması**  
ALTINTOP M. D., SEVER B., İŞCAN G., ÖZDEMİR A.  
13. Türkiye Eczacılık Kongresi, İstanbul, Turkey, 21 - 24 December 2016
- LXXIII. **Synthesis and cytotoxic evaluation of new 1,3,4-thiadiazole derivatives as potential anticancer agents**  
ALTUĞ TASA B., ALTINTOP M. D., SEVER B., ÖZDEMİR A., KAPLANCIKLI Z. A., KOPARAL A. T.  
6. Multidisipliner Kanser Araştırma Kongresi, Konya, Turkey, 27 - 30 October 2016
- LXXIV. **Synthesis and Antimycobacterial Activity of 5 Arylfurfural N 2 4 difluorophenyl thiosemicarbazone Derivatives**  
SEVER B., ALTINTOP M. D., ÖZDEMİR A.  
4th International BAU-Drug Design Congress, 13 - 15 October 2016
- LXXV. **Synthesis and Evaluation of 1 3 4 Thiadiazole Derivatives as Potential PON1 Activators**  
SEVER B., ALTINTOP M. D.  
4th International BAU Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016
- LXXVI. **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
- LXXVII. **Synthesis Of Novel Thiosemicarbazone Derivatives and Evaluation of Their Antibacterial Activities**  
SEVER B., ALTINTOP M. D., KAPLANCIKLI Z. A.  
XXIV National Meeting in Medicinal Chemistry, Perugia, Italy, 11 - 14 September 2016

- LXXVIII. **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
- LXXIX. **Synthesis and evaluation of new thiadiazole derivatives as potential carbonic anhydrase inhibitors**  
SEVER B., ALTINTOP M. D., ÖZDEMİR A., KÜÇÜKOĞLU K., ÖNEM H., NADAROĞLU H., KAPLANCIKLI Z. A.  
17th Tetrahedron Symposium, 28 June - 01 July 2016
- LXXX. **Synthesis and evaluation of new thiadiazole derivatives as potential carbonic anhydrase inhibitors**  
SEVER B., ALTINTOP M. D., ÖZDEMİR A., KÜÇÜKOĞLU K., ÖNEM H., NADAROĞLU H., KAPLANCIKLI Z. A.  
Challenges in Biological, Bioorganic, organic and Medicinal Chemistry, 28 June - 01 July 2016
- LXXXI. **Synthesis and evaluation of new benzodioxole derivatives as potential hCA I and hCA II inhibitors**  
ÖZDEMİR A., ALTINTOP M. D., SEVER B., KÜÇÜKOĞLU K., SOLEİMANİ S. S., NADAROĞLU H., KAPLANCIKLI Z. A.  
17th Tetrahedron Symposium, 28 June - 01 July 2016
- LXXXII. **Synthesis and evaluation of DNA Inhibitory Effects of Novel Thiosemicarbazone Derivatives**  
SEVER B., ALTINTOP M. D., AKALIN ÇİFTÇİ G., KAPLANCIKLI Z. A.  
1st Cell Death Research Congress-Turkey, 4 - 07 May 2016
- LXXXIII. **Oxadiazole Based Pyrazoline Derivatives as New Antitumor Agents**  
ÖZDEMİR A., ALTINTOP M. D., SEVER B., ATLI Ö., BAYSAL M., KAPLANCIKLI Z. A.  
1st International Cell Death Research Congress, 4 - 07 May 2016
- LXXXIV. **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
- LXXXV. **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
- LXXXVI. **Drug research and ethics**  
SEVER B.  
IVEK 2nd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 27 - 29 November 2015
- LXXXVII. **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
- LXXXVIII. **Synthesis and in vitro effects of some thiazole derivatives on Helicobacter pylori**  
SEVER B., ALTINTOP M. D., DEMİRÇİ F.  
IVEK 2nd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 27 - 29 November 2015
- LXXXIX. **The Pharmacies of Estonia up to 1940**  
SEVER B.  
IVEK 2nd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 27 - 29 November 2015
- XC. **SYNTHESIS of SOME THIOSEMICARBAZONE DERIVATIVES as NEWANTITUBERCULAR AGENTS**  
SEVER B., ALTINTOP M. D., CANTÜRK Z., KAPLANCIKLI Z. A.  
INTERNATIONAL MULTIDISCIPLINARY SYMPOSIUM ON Drug Research & Development, Eskişehir, Turkey, 15 - 17 October 2015
- XCI. **Synthesis of some benzodioxole derivatives as new anticholinesterase agents**  
SEVER B., ALTINTOP M. D., TEMEL H. E., KAPLANCIKLI Z. A.  
International Multidisciplinary Symposium on Drug Research Development DRD 2015, Eskişehir, Turkey, 15 - 17 October 2015
- XCII. **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
- XCIII. **Synthesis of Some Triazolothiadiazine Derivatives as New Lox Inhibitors**  
SEVER B., ALTINTOP M. D., TEMEL H. E., KAPLANCIKLI Z. A.  
16BDSHC, 14 - 17 June 2015

- XCIV. Synthesis and evaluation of triazolothiadiazine derivates as new anticancer agents related to COX 2 inhibition**  
SEVER B., ALTINTOP M. D., KUŞ G., ÖZKURT M., KAPLANCIKLI Z. A.  
ISOPS 11th International symposium on pharmaceutical sciences, 9 - 12 June 2015, pp.40
- XCIV. Synthesis and Evaluation of Triazolothiadiazine Derivatives as New Anticancer Agents Related to COX 2 Inhibition**  
SEVER B., ALTINTOP M. D., KUŞ G., ÖZKURT M., KAPLANCIKLI Z. A.  
ISOPS 11th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 9 - 12 June 2015
- XCVI. Thiazole Based Anticholinesterase Agents**  
SEVER B., ALTINTOP M. D., TEMEL H. E., ÖZDEMİR A.  
XXIII National Meeting on Medicinal Chemistry, 6 - 09 September 2015
- XCVII. Synthesis and in vitro effects of new thiosemicarbazone derivates against LNCap cancer cells**  
SEVER B., ALTINTOP M. D., KUŞ G., ÖZTOPCU VATAN A. P., KABADERE S., KAPLANCIKLI Z. A.  
V. INTERNATIONAL CONGRESS OF MOLECULAR MEDICINE, 20 - 22 May 2015, pp.62
- XCVIII. Synthesis and antimicrobial activity of tetrazole sustituted hydrazone derivatives**  
ÖZDEMİR A., ALTINTOP M. D., SEVER B., KAPLANCIKLI Z. A.  
V. International Congres of Molecular Medicine, 20 - 22 May 2015
- XCIX. Synthesis and In vitro effects of new thiosemicarbazone derivatives against LNCaP cancer cells**  
SEVER B., ALTINTOP M. D., KUŞ G., ÖZTOPCU VATAN A. P., KABADERE S., KAPLANCIKLI Z. A.  
V. International Congress of Molecular Medicine, İzmir, Turkey, 20 - 22 May 2015
- C. Synthesis and Antimicrobial Activity of Tetrazole substituted Hydrazone Derivatives**  
ÖZDEMİR A., ALTINTOP M. D., SEVER B., KAPLANCIKLI Z. A.  
5th International Congress of Molecular Medicine, İzmir, Turkey, 20 - 22 May 2015
- CI. A mini-survey on pharmacy technicians in Eskişehir**  
ÖZDEMİR A., SAYDAM E., SEVER B., ALTINTOP M. D.  
12th Turkey Pharmacy Congress, Ankara, Turkey, 25 - 27 September 2014
- CII. Pharmacy technicians from the perspective of pharmacists in Eskişehir**  
ALTINTOP M. D., SAYDAM E., SEVER B., ÖZDEMİR A.  
12th Turkey Pharmacy Congress, Ankara, Turkey, 25 - 27 September 2014
- CIII. Parexel tarafından Londra'da Northwick Park hastanesinde yapılmış olan Faz I monoklonal antikor çalışmasının etik açıdan incelenmesi**  
SEVER B.  
12. Türkiye Eczacılık Kongresi, Ankara, Turkey, 25 - 27 September 2014
- CIV. Synthesis and evaluation of thiazole-based oxadiazole derivatives as potential anticancer agents**  
ÖZDEMİR A., ALTINTOP M. D., TURAN G., SEVER B., AKALIN ÇİFTÇİ G., KAPLANCIKLI Z. A.  
MCB2014 Joining forces in pharmaceutical analysis and medicinal chemistry, Groningen, Netherlands, 25 - 26 August 2014
- CV. Synthesis of new thiazolyl hydrazone derivatives as potential anticancer agents**  
SEVER B., ALTINTOP M. D., ILGIN S., ATLI EKİÖĞLU Ö., KAPLANCIKLI Z. A.  
MCB2014 Joining forces in pharmaceutical analysis and medicinal chemistry, Groningen, Netherlands, 25 - 26 August 2014

## Supported Projects

SEVER B., Project Supported by Higher Education Institutions, EGFR ve HER2 İnhibitörü Tiyazolil Hidrazonların Sentezi ve Biyolojik Aktivite Çalışmaları, 2022 - Continues

SEVER B., Project Supported by Higher Education Institutions, Antikanser Etkili Yeni Tiyosemikarbazon Türevlerinin Sentezi ve In vitro Etki Çalışmaları, 2021 - Continues

SEVER B., Project Supported by Higher Education Institutions, Yeni 3,5-Disübstitüe-1,2,4-Oksadiazol Türevi Bileşiklerin Sentezi, Moleküler Doking Çalışmalarının Yapılması ve Karbonik Anhidraz İnhibitörü ve Sitotoksik Aktivitelerinin

Değerlendirilmesi, 2020 - Continues

Altıntop M. D., Özdemir A., Akalın Çiftçi G., Alataş İ. Ö., Temel H. E., Sever B., Ertoran İ., Can B., Yılmaz N., Project Supported by Higher Education Institutions, İndol Halkası Taşıyan Antienflamatuvar Etkili Bileşiklerin Sentezi, In Vitro ve In Vivo Etki Çalışmaları, 2019 - 2022

Özdemir A., Altıntop M. D., Sever B., Project Supported by Higher Education Institutions, Yeni Şalkon Türevlerinin Sentezi ve Biyolojik Etkilerinin Değerlendirilmesi, 2020 - 2021

Altıntop M. D., Beydemir Ş., Özdemir A., Sever B., Project Supported by Higher Education Institutions, Yeni Aldoz Redüktaz İnhibitörü Triazol Türevlerinin Sentezi ve In vitro Etki Çalışmaları, 2020 - 2021

Altıntop M. D., Özdemir A., Temel H. E., Sever B., Project Supported by Higher Education Institutions, Tetrazol Halkası Taşıyan Yeni Hidrazon Türevlerinin Sentezi ve In vitro COX İnhibitör Etkilerinin Değerlendirilmesi, 2020 - 2021

Özdemir A., Altıntop M. D., Beydemir Ş., Sever B., Project Supported by Higher Education Institutions, Microwave-assisted Synthesis of New Pyrazoline Derivatives and Investigation of Their Aldose reductase Inhibitory Effects, 2020 - 2021

Özdemir A., Altıntop M. D., Beydemir Ş., Demir Y., Sever B., Yılmaz N., Project Supported by Higher Education Institutions, Synthesis of New Thiazole Derivatives and Investigation of Their Aldose reductase Inhibitory Effects, 2020 - 2021

Özdemir A., Altıntop M. D., Sever B., Yılmaz N., Project Supported by Higher Education Institutions, Tiyosemikarbazon Türevi Antikanser Etkili Yeni Bileşiklerin Sentezi ve RNR İnhibitör Etkilerinin Değerlendirilmesi, 2019 - 2020

Altıntop M. D., Özdemir A., Akalın Çiftçi G., Sever B., Project Supported by Higher Education Institutions, Yeni Bis-Tiyosemikarbazon Türevlerinin Sentezi ve Antikanser Etkilerinin Değerlendirilmesi, 2019 - 2020

Özdemir A., Altıntop M. D., Sever B., Project Supported by Higher Education Institutions, Yeni 1,3,4-Oksadiazol Türevlerinin Sentezi ve In Vitro COX İnhibitör Etkilerinin Araştırılması, 2019 - 2020

Özdemir A., Altıntop M. D., Sever B., Akalın Çiftçi G., TÜBİTAK Project, Yeni Triazolotiyadiazin Türevlerinin Tasarımı, Sentezi ve Akciğer Kanseri Tedavisinde Hedefe Yönelik Antikanser Etki Profillerinin Araştırılması, 2019 - 2020

Altıntop M. D., Özdemir A., Akalın Çiftçi G., Sever B., Project Supported by Higher Education Institutions, Yeni Tiyosemikarbazon Türevlerinin Sentez ve Antikanser Etki Çalışmaları, 2018 - 2019

Özdemir A., Altıntop M. D., Dikmen M., Sever B., Kaya Tilki E., Project Supported by Higher Education Institutions, Yeni Pirazolin Türevlerinin Sentez ve Nöroprotektif Etki Çalışmaları, 2018 - 2019

Altıntop M. D., Sever B., Project Supported by Higher Education Institutions, Yeni Pirazolin Türevlerinin Sentezi ve Antikanser Etki Çalışmaları, 2017 - 2019

Akalın Çiftçi G., Altıntop M. D., Özdemir A., Kaplancıklı Z. A., Temel H. E., Sever B., Project Supported by Higher Education Institutions, Bazı şalkon bileşiklerinin antikanser ve antienflamatuvar etkilerinin araştırılması, 2016 - 2019

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

Altıntop M. D., Özdemir A., Akalın Çiftçi G., Temel H. E., Sever B., Project Supported by Higher Education Institutions, Yeni Benzoksazol Türevlerinin Sentezi ve Biyolojik Etki Çalışmaları, 2017 - 2018

Özdemir A., Altıntop M. D., Akalın Çiftçi G., Sever B., Project Supported by Higher Education Institutions, Yeni Alfa,Beta-Enon Yapısı Taşıyan Bileşiklerin Sentezi ve Biyolojik Etki Çalışmaları, 2017 - 2018

Altıntop M. D., Özdemir A., Kaplancıklı Z. A., Otsuka M., Fujita M., Çiftçi H., Alı T., Koga R., Osman M., Sever B., Project Supported by Higher Education Institutions, Studies on Synthesis and Anticancer Activity of New 1,3,4-Thiadiazole Derivatives, 2016 - 2018

Özdemir A., Otsuka M., Altıntop M. D., Kaplancıklı Z. A., Watanabe T., Fujita M., Çiftçi H., Sever B., Other International Funding Programs, Development of inducers of anti-viral host factors based on Turkish medicinal plants and synthetic compounds, 2016 - 2018

Kaplancıklı Z. A., Altıntop M. D., Koparal A. T., Koparal A. S., Sever B., Kaya Çavuşoğlu B., Altuğ Tasa B., Turan G., Project Supported by Higher Education Institutions, Yeni Tiyadiazol Türevlerinin Sentezleri ve Biyolojik Aktivitelerinin Değerlendirilmesi, 2014 - 2018

ALTINTOP M. D., ÖZDEMİR A., SEVER B., AKALIN ÇİFTÇİ G., KAPLANCIKLIL Z. A., Project Supported by Higher Education Institutions, Yeni Tiyosemikarbazon Türevlerinin Sentezleri ve Siklooksijenaz İnhibitör Etkileri, 2016 - 2017

Kaplancıklı Z. A., Altıntop M. D., Özdemir A., Sever B., Project Supported by Higher Education Institutions, Yeni Tiyadiazol Türevlerinin Sentezleri ve Karbonik anhidraz İnhibitör Etkileri, 2016 - 2017

Özdemir A., Altıntop M. D., Kaplancıklı Z. A., Atlı Ö., Sever B., Baysal M., Project Supported by Higher Education Institutions, Şalkon Yapısı Taşıyan Bileşiklerin Sentezi ve Biyolojik Aktivitelerinin Araştırılması, 2016 - 2017



Kaplançıklı Z. A., Altıntop M. D., Özdemir A., Turan G., Iğın S., Atlı Ö., Sever B., Project Supported by Higher Education Institutions, The Synthesis of New Thiadiazole-Benzothiazole Derivatives, Structural Elucidation and Determination of Their Anticancer Activity, 2014 - 2017

Kaplançıklı Z. A., Altıntop M. D., Özdemir A., Atlı Ö., Sever B., Baysal M., Project Supported by Higher Education Institutions, Yeni Tiyazol Türevi Bileşiklerin Sentezi ve Antikanser Aktivitelerinin Araştırılması, 2015 - 2016

Altıntop M. D., Özdemir A., Kaplançıklı 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

Özdemir A., Altıntop M. D., Kaplançıklı Z. A., Atlı Ö., Sever B., Baysal M., Project Supported by Higher Education Institutions, Yeni Azol Türevi Bileşiklerin Sentezi Biyolojik Aktivitelerinin Araştırılması, 2015 - 2016

TEMEL H. E., ALTINTOP M. D., KAPLANCIKLI Z. A., SEVER B., AKALIN ÇİFTÇİ G., 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

Kaplançıklı Z. A., Altıntop M. D., Özdemir A., Cantürk Z., Sever B., Project Supported by Higher Education Institutions, Tiyosemikarbazon Türevlerinin Sentezi ve Antimikrobiyal Etkileri, 2014 - 2015

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

Özdemir A., Altıntop M. D., Kaplançıklı Z. A., Cantürk Z., Sever B., Project Supported by Higher Education Institutions, Bazı Hidrazon Türevlerinin Sentezleri ve Antimikrobiyal Etkilerinin Araştırılması, 2014 - 2015

## Activities in Scientific Journals

PHARMACEUTICALS, Advisory Committee Member, 2023 - Continues

CURRENT TOPICS IN MEDICINAL CHEMISTRY, Committee Member, 2023 - Continues

HELIYON, Assistant Editor/Section Editor, 2022 - Continues

PLOS ONE, Committee Member, 2022 - Continues

MOLECULES, Special Issue Editor, 2022 - Continues

FRONTIERS IN CHEMISTRY, Special Issue Editor, 2022 - Continues

PHARMACEUTICALS, Special Issue Editor, 2022 - Continues

FRONTIERS IN CHEMISTRY, Special Issue Editor, 2022 - Continues

OPEN CHEMISTRY, Committee Member, 2020 - Continues

MOLECULES, Special Issue Editor, 2021 - 2022

## Awards

Sever B., Bilim, Hizmet ve Teşvik Ödülleri-Teşvik Ödülü, Türk Eczacıları Birliği (Teb) Eczacılık Akademisi, September 2022

Sever B., "Young Woman Researcher", Venus International Foundation, March 2022