

## **Doç. Dr. BELGİN SEVER**

### **Kişisel Bilgiler**

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Publons / Web Of Science ResearcherID: V-8319-2017

ScopusID: 56789933000

Yoksis Araştırmacı ID: 122098

### **Eğitim Bilgileri**

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

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

Doktora, Anadolu Üniversitesi, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (Dr), Türkiye 2015 - 2019

Yüksek Lisans, Anadolu Üniversitesi, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Kimya (YL) (Tezli), Türkiye 2013 - 2015

Lisans, Anadolu Üniversitesi, ECZACILIK FAKÜLTESİ, Eczacılık Pr., Türkiye 2008 - 2013

### **Yaptığı Tezler**

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

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### **Verdiği Dersler**

ECZ453 (Tür) K Kanita Dayalı Eczacılık ve Arastraırma IX, Lisans, 2021 - 2022

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

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

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### **SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler**

- I. **A Review of FDA-Approved Anti-HIV-1 Drugs, Anti-Gag Compounds, and Potential Strategies for HIV-1 Eradication**  
SEVER B., Otsuka M., Fujita M., Ciftci H.  
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- II. **Scaffold Hopping and Structural Modification of NSC 663284: Discovery of Potent (Non)Halogenated Aminobenzoquinones**  
Bayrak N., Sever B., Ciftci H., Otsuka M., Fujita M., Tuyun A. F.  
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- III. **Editorial: Multi-targeted tyrosine kinase inhibitors in the treatment of cancer and neurodegenerative disorders**  
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- IV. **Discovery of the Aminated Quinoxalines as Potential Active Molecules**  
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- V. **Structural Characterization of TRAF6 N-Terminal for Therapeutic Uses and Computational Studies on New Derivatives**  
Guven O., Sever B., Basoglu-Unal F., Ece A., Tateishi H., Koga R., Radwan M. O., Demir N., Can M., Aytemir M. D., et al.  
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- VI. **Evaluation of anti-glioma effects of benzothiazoles as efficient apoptosis inducers and DNA cleaving agents**  
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- VII. **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., Faydalı N., Bul D., NADAROĞLU H., SEVER B., ALTINTOP M. D., Ozturk B., Guzel I.  
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- VIII. **In vitro evaluation of 2-pyrazoline derivatives as DPP-4 inhibitors**  
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- IX. **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.  
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- X. **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**  
Altintop M. D., Özdemir A., Temel H. E., Cevizlidere B. D., Sever B., Kaplancıklı Z. A., Akalın Çiftçi G.  
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- XI. **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.  
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- XII. **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.  
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- XIII. **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., DeMirci H., Otsuka M., TuYuN A. F., Tateishi H., Fujita M.  
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- XV. A new series of thiosemicarbazone-based anti-inflammatory agents exerting their action through cyclooxygenase inhibition  
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- XVI. Comprehensive Research on Past and Future Therapeutic Strategies Devoted to Treatment of Amyotrophic Lateral Sclerosis  
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- XVII. In Vitro and In Silico Study of Analogs of Plant Product Plastoquinone to Be Effective in Colorectal Cancer Treatment  
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- XVIII. 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.  
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- XIX. Novel metabolic enzyme inhibitors designed through the molecular hybridization of thiazole and pyrazoline scaffolds  
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- XX. EGFR-Targeted Pentacyclic Triterpene Analogues for Glioma Therapy  
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- XXI. Design, synthesis and investigation of the mechanism of action underlying anti-leukemic effects of the quinolinequinones as LY83583 analogs  
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- XXIII. 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.  
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- XXIV. A new series of 2,4-thiazolidinediones endowed with potent aldose reductase inhibitory activity  
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- 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.  
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- XXVI. Synthesis of New Bis-pyrazolines Endowed with Potent Antifungal Activity against *Candida albicans* and *Aspergillus niger*  
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- 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.  
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- XXVIII. **A new series of benzoxazole-based SIRT1 modulators for targeted therapy of non-small-cell lung cancer**  
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- XXIX. **A New Series of Antileukemic Agents: Design, Synthesis, In Vitro and In Silico Evaluation of Thiazole-Based ABL1 Kinase Inhibitors**  
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- XXX. **In Vitro and In Silico Evaluation of Anticancer Activity of New Indole-Based 1,3,4-Oxadiazoles as EGFR and COX-2 Inhibitors**  
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- XXXI. **Pyrazole Incorporated New Thiosemicarbazones: Design, Synthesis and Investigation of DPP-4 Inhibitory Effects**  
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- XXXII. **Thiazolyl-pyrazoline derivatives: In vitro and in silico evaluation as potential acetylcholinesterase and carbonic anhydrase inhibitors**  
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- XXXIII. **Design, synthesis, in vitro and in silico investigation of aldose reductase inhibitory effects of new thiazole-based compounds**  
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- XXXIV. **In vitro and in silico studies on AChE inhibitory effects of a series of donepezil-like arylidene indanones**  
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- XXXV. **A Series of Furan-based Hydrazones: Design, Synthesis, and Evaluation of Antimicrobial Activity, Cytotoxicity and Genotoxicity**  
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- XXXVI. **Design, Synthesis, In vitro and In silico Evaluation of New Hydrazone-based Antitumor Agents as Potent Akt Inhibitors**  
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- XXXVII. **Investigation of the inhibitory effects of isoindoline-1,3-dion derivatives on hCA-I and hCA-II enzyme activities**  
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- XXXVIII. **Design, synthesis and biological evaluation of a new series of thiazolyl-pyrazolines as dual EGFR and HER2 inhibitors**  
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- XXXIX. **New Benzodioxole-based Pyrazoline Derivatives: Synthesis and Anticandidal, In silico ADME, Molecular Docking Studies**  
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- XL. **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.  
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- XLI. **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.  
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- XLII. **Design, Synthesis, and Neuroprotective Effects of a Series of Pyrazolines against 6-Hydroxydopamine-Induced Oxidative Stress**  
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- XLIII. **Design, synthesis, in vitro and in silico evaluation of a new series of oxadiazole-based anticancer agents as potential Akt and FAK inhibitors**  
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- XLIV. **Design, synthesis, in vitro and in silico evaluation of new pyrrole derivatives as monoamine oxidase inhibitors**  
ALTINTOP M. D., SEVER B., OSMANIYE D., SAĞLIK B. N., ÖZDEMİR A.  
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- XLV. **Design, Synthesis, and Evaluation of a New Series of Thiazole-Based Anticancer Agents as Potent Akt Inhibitors**  
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- XLVI. **Synthesis and Evaluation of a Series of 1,3,4-Thiadiazole Derivatives as Potential Anticancer Agents**  
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- XLVII. **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.  
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- XLVIII. **Synthesis and Evaluation of a New Series of Arylidene Indanones as Potential Anticancer Agents**  
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- XLIX. **Synthesis and Biological Evaluation of New Quinoline-Based Thiazolyl Hydrazone Derivatives as Potent Antifungal and Anticancer Agents**  
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- L. **Synthesis of New Thiazolyl-pyrazoline Derivatives and Evaluation of Their Antimicrobial, Cytotoxic and Genotoxic Effects**  
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- LI. **A New Series of Pyrrole-Based Chalcones: Synthesis and Evaluation of Antimicrobial Activity, Cytotoxicity, and Genotoxicity**  
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- LII. **Potential inhibitors of human carbonic anhydrase isozymes I and II: Design, synthesis and docking studies of new 1,3,4-thiadiazole derivatives**  
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- LIII. **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 EKLİOĞLU Ö., BAYSAL M., DEMİRCİ F.  
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- LIV. **Synthesis and Evaluation of A New Series of Thiazole Derivatives as Potential Antitumor Agents and MMP Inhibitors**  
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- LV. **Synthesis and evaluation of new benzodioxole-based dithiocarbamate derivatives as potential anticancer agents and hCA-I and hCA-II inhibitors**  
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- LVI. **Synthesis and Evaluation of New Thiazolyl Hydrazone Derivatives as Potential Anticancer Agents**  
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- LVII. **Synthesis and Evaluation of New Benzodioxole-Based Thiosemicarbazone Derivatives as Potential Antitumor Agents**  
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- LVIII. **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**  
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- LX. **Synthesis and In Vitro Evaluation of New Thiosemicarbazone Derivatives as Potential Antimicrobial Agents**  
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- LXI. **Synthesis and Evaluation of New 1,5-Diaryl-3-[4-(methyl-sulfonyl)phenyl]-4,5-dihydro-1H-pyrazole Derivatives as Potential Antidepressant Agents**  
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