

# Prof. FATMA SEZER ŞENOL DENİZ

## Personal Information

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## International Researcher IDs

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Publons / Web Of Science ResearcherID: AAG-5636-2019

ScopusID: 26428948100

Yoksis Researcher ID: 46459

## Education Information

Post Doctorate, Austrian Drug Screening Institute, Austria 2020 - 2021

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmakognozi (Dr), Turkey 2009 - 2016

Postgraduate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmakognozi (YI) (Tezli), Turkey 2007 - 2009

Undergraduate, Gazi University, Eczacılık Fakültesi, Eczacılık Pr. (4 Yıllık), Turkey 2003 - 2007

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Doctorate, Bitkisel kaynaklı kozmetik ürün geliştirilmesi üzerine farmakognozik araştırmalar, Gazi University, Sağlık Bilimleri Enstitüsü, Farmakognozi (Dr), 2016

Postgraduate, Türkiye'de yetişen bazı Salvia türlerinin asetilkolinesteraz inhibitör etkisi üzerinde araştırmalar, Gazi University, Sağlık Bilimleri Enstitüsü, Farmakognozi (YI) (Tezli), 2009

## Research Areas

Pharmacognosy, Pharmaceutical Botany

## Academic Titles / Tasks

Professor, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2024 - Continues

Associate Professor, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2018 - 2024

Research Assistant PhD, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2016 - 2018

Research Assistant, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2009 - 2016

## Academic and Administrative Experience

Erasmus Program Department Coordinator, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2024 - Continues

Birim Kalite Komisyonu Üyesi, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2021 - Continues

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2021 - Continues

Anabilim Dalı Akademik Kurul Üyesi, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2018 - Continues

Fakülte Kurulu Üyesi, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2022 - 2024

Performans Değerlendirme Komisyonu Üyesi, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2022 - 2022

Internship Committee Member, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2019 - 2019

## Courses

Fitofarmasi ve Fitoterapötikler, Undergraduate, 2023 - 2024

Sekonder Metabolitlerin Biyosentezi, Doctorate, 2023 - 2024, 2021 - 2022

Farmakognozi II, Undergraduate, 2021 - 2022

DOĞAL KOZMETİKLER, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Temel Fitokimya, Postgraduate, 2020 - 2021

AROMATERAPİYE GİRİŞ, Undergraduate, 2018 - 2019

FARMAKOGNOZİ III (Uygulama), Undergraduate, 2017 - 2018

FİTOTERAPİ VE UYGULAMALARI, Undergraduate, 2017 - 2018

FARMASÖTİK BOTANİK, Undergraduate, 2017 - 2018

FARMAKOGNOZİ I, Undergraduate, 2017 - 2018

FARMASÖTİK BOTANİK (Uygulama), Undergraduate, 2016 - 2017

FARMAKOGNOZİ I (Uygulama), Undergraduate, 2016 - 2017

FARMAKOGNOZİ II (Uygulama), Undergraduate, 2016 - 2017

## Advising Theses

Şenol Deniz F. S., Evaluation Of Resveratrol Content Of Some Polygonum L. Species Growing In Turkey, Postgraduate, T.DOĞRU(Student), 2021

## Advising Graduates (Non-Thesis)

Şenol Deniz F. S., Aronia Medik. Türlerinin Fitoterapi Yönünden Değerlendirilmesi, Masters (Non-Thesis), E.ÇIRAK(Student), 2020

Şenol Deniz F. S., Eczanelerde Satılan Bazı Bitkisel Zayıflama Ürünlerinin Fitoterapi Açısından Değerlendirilmesi, Masters (Non-Thesis), M.Rıdvan(Student), 2020

## Jury Memberships

Expertise In Medicine, Expertise In Medicine, Gazi Üniversitesi, January, 2024

Doctorate, Doctorate, Ankara Üniversitesi, July, 2023

Post Graduate, Post Graduate, Ankara Üniversitesi, June, 2023

Doctorate, Doctorate, Gazi Üniversitesi, May, 2023

Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, February, 2022

Post Graduate, Post Graduate, Gazi Üniversitesi, August, 2021

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Dicle Üniversitesi, August, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, July, 2021

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

- I. **Cholinesterase inhibitory and in silico toxicity assessment of thirty-four isoquinoline alkaloids - Berberine as the lead compound**  
Şenol Deniz F. S., Salmas R. E., Emerce E., Şener B., Erdoğan Orhan İ.  
CNS & NEUROLOGICAL DISORDERS - DRUG TARGETS, vol.23, no.6, pp.773-783, 2024 (SCI-Expanded)
- II. **In vitro and In silico Cholinesterase Inhibitory and Antioxidant Effects of Essential Oils and Extracts of Two New Salvia fruticosa Mill. Cultivars (Turgut and Uysal) and GC-MS Analysis of the Essential Oils**  
Abacı Kaplan N., Şenol Deniz F. S., Salmas R. E., Uysal Bayar F., Turgut K., Erdoğan Orhan İ.  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL HEALTH RESEARCH, vol.34, no.2, pp.674-686, 2024 (SCI-Expanded)
- III. **Potential of Mushrooms Bioactive for the Treatment of Skin Diseases and Disorders**  
Anil Kumar N. V., Quispe C., Herrera-Bravo J., Herrera Belen L., Loren P., Salazar L. A., Silva V., Erdoğan Orhan İ., Şenol Deniz F. S., Nemli E., et al.  
JOURNAL OF FOOD BIOCHEMISTRY, no.2023, pp.1-26, 2023 (SCI-Expanded)
- IV. **Absolute configuration of spiro-flavostilbenoids from Yucca schidigera Roez ex Ortgies: First indication of (2R)-naringenin as the key building block**  
Pecio Ł., Alilou M., Kozachok S., Orhan I. E., Eren G., Şenol Deniz F. S., Stuppner H., Oleszek W.  
PHYTOCHEMISTRY, vol.207, no.-, pp.1-7, 2023 (SCI-Expanded)
- V. **Synthesis, biological evaluation and computational investigations of S-benzyl dithiocarbamates as the cholinesterase and monoamine oxidase inhibitors,**  
Khan B. A., Hamdani S. S., Alsouk B. A., Ejaz S. A., Aziz M., Channar P. A., Şenol Deniz F. S., Erdoğan Orhan İ., Hameed S., Saeed A., et al.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1271, no.1, pp.1-15, 2023 (SCI-Expanded)
- VI. **Evaluation of Anti-Alzheimer Activity of Synthetic Coumarins by Combination of in Vitro and in Silico Approaches**  
ERDOĞAN ORHAN İ., ŞENOL DENİZ F. S., Salmas R. E., Irmak S., Acar O. O., Turgut G. C., ŞEN A., Zbancioc A., Luca S. V., Skiba A., et al.  
Chemistry and Biodiversity, vol.19, no.12, 2022 (SCI-Expanded)
- VII. **X-ray crystallographic data, absolute configuration, and anticholinesterase effect of dihydromyricitrin 3-O-rhamnoside**  
Elsebai M. F., Ghabbour H. A., Salmas R. E., Orhan I. E., Deniz F. S.  
SCIENTIFIC REPORTS, vol.12, no.1, pp.1-7, 2022 (SCI-Expanded)
- VIII. **Kombucha – An ancient fermented beverage with desired bioactivities: A narrowed review**  
Abacı N., Deniz F. S., Orhan I. E.  
Food Chemistry: X, vol.14, pp.1-10, 2022 (SCI-Expanded)
- IX. **Flavonoids as Sirtuin Modulators**  
Deniz F. S., Eren G., Orhan I. E.  
CURRENT TOPICS IN MEDICINAL CHEMISTRY, vol.22, no.9, pp.790-805, 2022 (SCI-Expanded)
- X. **Evaluation of Activity of Some 2,5-Disubstituted Benzoxazole Derivatives against Acetylcholinesterase, Butyrylcholinesterase and Tyrosinase: ADME Prediction, DFT and Comparative Molecular Docking Studies**  
Çelik İ., Erol M., Arpacı Ö., Senol F. S., Erdoğan Orhan İ.  
POLYCYCLIC AROMATIC COMPOUNDS, vol.42, no.2, pp.412-423, 2022 (SCI-Expanded)
- XI. **Profiling cosmeceutical effects of various herbal extracts through elastase, collagenase, tyrosinase inhibitory and antioxidant assays**

ŞENOL DENİZ F. S., ERDOĞAN ORHAN İ., DUMAN H.

PHYTOCHEMISTRY LETTERS, vol.45, pp.171-183, 2021 (SCI-Expanded)

- XII. **Butyrylcholinesterase-inhibiting natural coumarin molecules as potential leads**  
Erdoğan Orhan İ., Tosun F., Şenol Deniz F. S., Eren G., Mıhoğlugil F., Akalgan D., Miski M.  
Phytochemistry Letters, vol.44, pp.48-54, 2021 (SCI-Expanded)
- XIII. **Exploration of anti-tyrosinase effect of Geranium glaberrimum Boiss. & Heldr. with in silico approach and survey of 21 Geranium species**  
Celikler Ozer O., Erdoğan Orhan İ., Çalışkan B., Senol Deniz F. S., Gokbulut A., Gur Maz T., Aysal A. İ., Emerce E., Shekfeh S., Kahraman A., et al.  
JOURNAL OF HERBAL MEDICINE, vol.27, 2021 (SCI-Expanded)
- XIV. **Erodium birandianum Ilarslan & Yurdak. shows anti-gout effect through xanthine oxidase inhibition: Combination of in vitro and in silico techniques and profiling of main components by LC-Q-ToF-MS**  
Baki Kekilli E., Erdoğan Orhan İ., Şenol Deniz F. S., Eren G., Emerce E., Kahraman A., Aysal I. A.  
Phytochemistry Letters, vol.43, pp.80-87, 2021 (SCI-Expanded)
- XV. **Outlining In Vitro and In Silico Cholinesterase Inhibitory Activity of Twenty-Four Natural Products of Various Chemical Classes: Smilagenin, Kokusagine, and Methyl Rosmarinate as Emboldening Inhibitors**  
ŞENOL DENİZ F. S., EREN G., ERDOĞAN ORHAN İ., Sener B., ÖZGEN U., Aldaba R., Calis I.  
MOLECULES, vol.26, no.7, 2021 (SCI-Expanded)
- XVI. **Molecular approach to promising cholinesterase inhibitory effect of several amaryllidaceae alkaloids: Further re-investigation**  
Orhan İ., ŞENOL DENİZ F. S., EREN G., Sener B.  
South African Journal of Botany, vol.136, pp.175-181, 2021 (SCI-Expanded)
- XVII. **Inhibition of Melanogenesis by Some Well-Known Polyphenolics: A Review**  
ERDOĞAN ORHAN İ., DENİZ F. S.  
CURRENT PHARMACEUTICAL BIOTECHNOLOGY, vol.22, no.11, pp.1412-1423, 2021 (SCI-Expanded)
- XVIII. **Natural Products and Extracts as Xantine Oxidase Inhibitors - A Hope for Gout Disease?**  
ERDOĞAN ORHAN İ., ŞENOL DENİZ F. S.  
CURRENT PHARMACEUTICAL DESIGN, vol.27, no.2, pp.143-158, 2021 (SCI-Expanded)
- XIX. **Spiro Heterocyclic Compounds as Potential Anti-Alzheimer Agents (Part 2): Their Metal Chelation Capacity, POM Analyses and DFT Studies**  
Ben Hadda T., ŞENOL DENİZ F. S., ERDOĞAN ORHAN İ., Zgou H., Rauf A., Mabkhot Y. N., Bennani B., Emam D. R., Kheder N. A., Asayari A., et al.  
MEDICINAL CHEMISTRY, vol.17, no.8, pp.834-843, 2021 (SCI-Expanded)
- XX. **Combined Structure and Ligand-Based Design of Selective Acetylcholinesterase Inhibitors**  
Perez-Sanchez H., den Haan H., Perez-Garrido A., Pena-Garcia J., Chakraborty S., ERDOĞAN ORHAN İ., ŞENOL DENİZ F. S., Manuel Villalgorido J.  
JOURNAL OF CHEMICAL INFORMATION AND MODELING, vol.61, no.1, pp.467-480, 2021 (SCI-Expanded)
- XXI. **Evaluation of collagenase, elastase and tyrosinase inhibitory activities of Cotinus coggygria Scop. through in vitro and in silico approaches**  
Şenol Deniz F. S., Salmas R. E., Emerce E., Çankaya İ. İ., Yusufoglu H. S., Erdoğan Orhan İ.  
SOUTH AFRICAN JOURNAL OF BOTANY, vol.132, pp.277-288, 2020 (SCI-Expanded)
- XXII. **Norditerpenoids with Selective Anti-Cholinesterase Activity from the Roots of Perovskia atriplicifolia Benth.**  
Slusarczyk S., Senol Deniz F. S., Abel R., Pecio L., Perez-Sanchez H., Ceron-Carrasco J. P., den-Haan H., Banerjee P., Preissner R., Krzyzak E., et al.  
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.21, no.12, 2020 (SCI-Expanded)
- XXIII. **Reinvestigation of Herniaria glabra L. saponins and their biological activity**  
Kozachok S., Pecio L., ERDOĞAN ORHAN İ., ŞENOL DENİZ F. S., Marchyshyn S., Oleszek W.  
PHYTOCHEMISTRY, vol.169, 2020 (SCI-Expanded)
- XXIV. **A Series of New Hydrazone Derivatives: Synthesis, Molecular Docking and Anticholinesterase**

## Activity Studies

Bozbey İ., Özdemir Z., Uslu H., Özçelik A. B., Şenol Deniz F. S., Erdoğan Orhan İ., Uysal M.

MINI-REVIEWS IN MEDICINAL CHEMISTRY, vol.20, no.11, pp.1042-1060, 2020 (SCI-Expanded)

- XXV. **Yuccalechins A-C from the Yucca schidigera Roezl ex Ortgies Bark: Elucidation of the Relative and Absolute Configurations of Three New Spiroflavonoids and Their Cholinesterase Inhibitory Activities**  
Pecio L., Alilou M., Kozachok S., ERDOĞAN ORHAN İ., EREN G., ŞENOL DENİZ F. S., Stuppner H., Oleszek W.  
MOLECULES, vol.24, no.22, 2019 (SCI-Expanded)
- XXVI. **Novel pyridazinone derivatives as butyrylcholinesterase inhibitors**  
Dündar Y., Kuyrukçu Ö., Eren G., Şenol Deniz F. S., Önkol T., Erdoğan Orhan İ.  
BIOORGANIC CHEMISTRY, vol.92, 2019 (SCI-Expanded)
- XXVII. **Metabolite Profiling by Hyphenated Liquid Chromatographic Mass Spectrometric Technique (HPLC-DAD-ESI-Q-TOF-MS/MS) and Neurobiological Potential of Haplophyllum sahinii and H. vulcanicum Extracts**  
Karahisar E., TUGAY O., ERDOĞAN ORHAN İ., ŞENOL DENİZ F. S., Luca S. V., Skalicka-Wozniak K., ŞAHİN M.  
CHEMISTRY & BIODIVERSITY, vol.16, no.9, 2019 (SCI-Expanded)
- XXVIII. **Profiling Auspicious Butyrylcholinesterase Inhibitory Activity of Two Herbal Molecules: Hyperforin and Hyuganin C**  
ERDOĞAN ORHAN İ., ŞENOL DENİZ F. S., Traedal-Henden S., Ceron-Carrasco J. P., den Haan H., Pena-Garcia J., Perez-Sanchez H., EMERCE E., Skalicka-Wozniak K.  
CHEMISTRY & BIODIVERSITY, vol.16, no.5, 2019 (SCI-Expanded)
- XXIX. **Selective in vitro and in silico cholinesterase inhibitory activity of isoflavones and stilbenes from Belamcandae chinensis rhizoma**  
Slusarczyk S., ŞENOL DENİZ F. S., Wozniak D., Pecio L., Perez-Sanchez H., Ceron-Carrasco J. P., Stochmal A., Alonso H. d., Matkowski A., ERDOĞAN ORHAN İ.  
PHYTOCHEMISTRY LETTERS, vol.30, pp.261-272, 2019 (SCI-Expanded)
- XXX. **Combined molecular modeling and cholinesterase inhibition studies on some natural and semisynthetic O-alkylcoumarin derivatives**  
ERDOĞAN ORHAN İ., ŞENOL DENİZ F. S., Salmas R. E., DURDAĞI S., Epifano F., Genovese S., Fiorito S.  
BIOORGANIC CHEMISTRY, vol.84, pp.355-362, 2019 (SCI-Expanded)
- XXXI. **High-performance counter-current chromatography isolation and initial neuroactivity characterization of furanocoumarin derivatives from Peucedanum alsaticum L (Apiaceae)**  
Kozioł E., ŞENOL DENİZ F. S., ERDOĞAN ORHAN İ., Marcourt L., Budzynska B., Wolfender J., Crawford A. D., Skalicka-Wozniak K.  
PHYTOMEDICINE, vol.54, pp.259-264, 2019 (SCI-Expanded)
- XXXII. **Drug Design of Inhibitors of Alzheimer's Disease (AD): POM and DFT Analyses of Cholinesterase Inhibitory Activity of beta-amino di-Carbonyl Derivatives**  
Ben Hadda T., Rauf A., Zgou H., ŞENOL DENİZ F. S., ERDOĞAN ORHAN İ., Mabkhot Y. N., Althagafi I. I., Farghaly T. A., Alterary S.  
MINI-REVIEWS IN MEDICINAL CHEMISTRY, vol.19, no.8, pp.688-705, 2019 (SCI-Expanded)
- XXXIII. **Novel Piperazine Amides of Cinnamic Acid Derivatives as Tyrosinase Inhibitors**  
GÜR MAZ Z. T., ŞENOL DENİZ F. S., Shekfeh S., ERDOĞAN ORHAN İ., BANOĞLU E., ÇALIŞKAN B.  
LETTERS IN DRUG DESIGN & DISCOVERY, vol.16, no.1, pp.36-44, 2019 (SCI-Expanded)
- XXXIV. **Amberboin and lipidiol: X-ray crystallographic data, absolute configuration and inhibition of cholinesterase**  
Elsebai M. F., Ghabbour H. A., Marzouk A. M., Salmas R. E., ERDOĞAN ORHAN İ., ŞENOL DENİZ F. S.  
PHYTOCHEMISTRY LETTERS, vol.27, pp.44-48, 2018 (SCI-Expanded)
- XXXV. **Molecular modeling and in vitro approaches towards cholinesterase inhibitory effect of some natural xanthohumol, naringenin, and acyl phloroglucinol derivatives**  
ERDOĞAN ORHAN İ., Jedrejek D., ŞENOL DENİZ F. S., Salmas R. E., DURDAĞI S., Kowalska I., Pecio L., Oleszek W.  
PHYTOMEDICINE, vol.42, pp.25-33, 2018 (SCI-Expanded)

- XXXVI. **Phenolic Acid Profile and in vitro Neurobiological Effect of *Phlomis grandiflora* HS Thompson var. *grandiflora***  
ŞENOL DENİZ F. S., GÜNBATAN T., ÖZTÜRK N., GÜRBÜZ İ., ERDOĞAN ORHAN İ.  
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, vol.40, no.1, pp.129-137, 2018 (SCI-Expanded)
- XXXVII. **Cholinesterase Inhibitory Activity of Some Semi-rigid Spiro Heterocycles: POM Analyses and Crystalline Structure of Pharmacophore Site**  
Ben Hadda T., Talhi O., Silva A. S. M., ŞENOL DENİZ F. S., ERDOĞAN ORHAN İ., Rauf A., Mabkhot Y. N., Bachari K., Warad I., Farghaly T. A., et al.  
MINI-REVIEWS IN MEDICINAL CHEMISTRY, vol.18, no.8, pp.711-716, 2018 (SCI-Expanded)
- XXXVIII. **Neuroprotective potential of the fruit (acorn) from *Quercus coccifera* L.**  
ŞENOL DENİZ F. S., Sekerodlu N., GEZİCİ S., Kilic E., ERDOĞAN ORHAN İ.  
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.42, no.2, pp.82-87, 2018 (SCI-Expanded)
- XXXIX. **Neuroprotective potential of *Viburnum orientale* Pallas through enzyme inhibition and antioxidant activity assays**  
Orhan İ., Senol F. S., Yilmaz B. S., Altun M. L., Ozbilgin S., Yazgan A. N., Yuksel E., Iscan G. S.  
South African Journal of Botany, vol.114, pp.126-131, 2018 (SCI-Expanded)
- XL. **Promising anticancer activity of *Cyclotrichium niveum* L. extracts through induction of both apoptosis and necrosis**  
ÖZDEMİR A., Yildiz M., ŞENOL DENİZ F. S., Simay Y. D., Iboğlu B., GÖKBULUT A., ERDOĞAN ORHAN İ., ARK M.  
FOOD AND CHEMICAL TOXICOLOGY, vol.109, pp.898-909, 2017 (SCI-Expanded)
- XL1. **Pteryxin - A promising butyrylcholinesterase-inhibiting coumarin derivative from *Mutellina purpurea***  
ERDOĞAN ORHAN İ., ŞENOL DENİZ F. S., Shekfeh S., Skalicka-Wozniak K., BANOĞLU E.  
FOOD AND CHEMICAL TOXICOLOGY, vol.109, pp.970-974, 2017 (SCI-Expanded)
- XLII. **Design, synthesis, and molecular modeling of new 3(2H)-pyridazinone derivatives as acetylcholinesterase/butyrylcholinesterase inhibitors**  
ÖZDEMİR Z., Yilmaz H., SARI S., KARAKURT A., ŞENOL DENİZ F. S., UYSAL M.  
MEDICINAL CHEMISTRY RESEARCH, vol.26, no.10, pp.2293-2308, 2017 (SCI-Expanded)
- XLIII. ***Cassia tora* Linn.: A boon to Alzheimer's disease for its anti-amyloidogenic and cholinergic activities**  
Chethana K. R., ŞENOL DENİZ F. S., ERDOĞAN ORHAN İ., Anilakumar K. R., Keri R. S.  
PHYTOMEDICINE, vol.33, pp.43-52, 2017 (SCI-Expanded)
- XLIV. **Chemical Composition and Cholinesterase Inhibitory Activity of Different Parts of *Daucus aristidis* Coss. Essential Oils from Two Locations in Algeria**  
Lamamra M., Laouer H., Amira S., ERDOĞAN ORHAN İ., ŞENOL DENİZ F. S., DEMİRCİ B., Akkal S.  
RECORDS OF NATURAL PRODUCTS, vol.11, no.2, pp.147-156, 2017 (SCI-Expanded)
- XLV. ***Adonis* sp., *Convallaria* sp., *Strophanthus* sp., *Thevetia* sp., and *Leonurus* sp. Cardiotoxic Plants with Known Traditional Use and a Few Preclinical and Clinical Studies**  
ERDOĞAN ORHAN İ., GÖKBULUT A., ŞENOL DENİZ F. S.  
CURRENT PHARMACEUTICAL DESIGN, vol.23, no.7, pp.1051-1059, 2017 (SCI-Expanded)
- XLVI. **Selective in vitro and in silico butyrylcholinesterase inhibitory activity of diterpenes and rosmarinic acid isolated from *Perovskia atriplicifolia* Benth. and *Salvia glutinosa* L.**  
ŞENOL DENİZ F. S., Slusarczyk S., Matkowski A., Perez-Garrido A., Giron-Rodriguez F., Ceron-Carrasco J. P., den-Haan H., Pena-Garcia J., Perez-Sanchez H., Domaradzki K., et al.  
PHYTOCHEMISTRY, vol.133, pp.33-44, 2017 (SCI-Expanded)
- XLVII. **Antioxidant potential of some natural and semi-synthetic flavonoid derivatives and the extracts from *Maclura pomifera* (Rafin.) Schneider (osage orange) and its essential oil composition**  
ERDOĞAN ORHAN İ., ŞENOL DENİZ F. S., DEMİRCİ B., Dvorska M., Smejkal K., Zemlicka M.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.41, no.6, pp.403-411, 2016 (SCI-Expanded)
- XLVIII. **Biological evaluation and docking studies of some benzoxazole derivatives as inhibitors of acetylcholinesterase and butyrylcholinesterase**  
Temiz-Arpaci O., Arisoy M., Sac D., Doganc F., Tasci M., ŞENOL DENİZ F. S., ERDOĞAN ORHAN İ.

ZEITSCHRIFT FUR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.71, pp.409-413, 2016 (SCI-Expanded)

- XLIX. **Anticholinesterase, antioxidant, analgesic and anti-inflammatory activity assessment of *Xeranthemum annuum* L. and isolation of two cyanogenic compounds**  
Erdoğan Orhan İ., Gulyurdu F., Akkol E., Şenol Deniz F. S., Anul S. A., Tatlı I. I.  
PHARMACEUTICAL BIOLOGY, vol.54, no.11, pp.2643-2651, 2016 (SCI-Expanded)
- L. **Development of an Efficient Protocol for Cimifugin Isolation from *Peucedanum schottii* and Evaluation of Enzyme Inhibitory Activity**  
Kozioł E., ERDOĞAN ORHAN İ., ŞENOL DENİZ F. S., Alipieva K., Georgiev M., Skalicka-Wozniak K.  
NATURAL PRODUCT COMMUNICATIONS, vol.11, no.8, pp.1107-1110, 2016 (SCI-Expanded)
- LI. **HPTLC Fingerprinting and Cholinesterase Inhibitory and Metal-Chelating Capacity of Various Citrus Cultivars and *Olea europaea***  
ŞENOL DENİZ F. S., Ankli A., Reich E., ERDOĞAN ORHAN İ.  
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## Books & Book Chapters

### I. Anti-aging Effect of Turkish Medicinal Plants on Skin: Focus on Recent Studies

Şenol Deniz F. S., Abacı Kaplan N., Erdoğan Orhan İ.

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## Refereed Congress / Symposium Publications in Proceedings

### I. Screening of Some Plant-Derived Compounds Against Enzymes Associated With Alzheimer's Disease By In Vitro and In Silico Method

Şenol Deniz F. S., Eren G., Erdoğan Orhan İ.

9th International Mediterranean Symposium on Medicinal and Aromatic Plants (MESMAP-9), Ankara, Turkey, 3 - 05 May 2023, pp.1

### II. Tıbbi Bitkilerimizden Hareketle Anti-Akne Etkili Nanoemülsiyon Prototip Ürün Formülasyonu Geliştirilmesi

Şenol Deniz F. S., Oyardı Ö., Bozkurt Güzel Ç., Ülger N., Kan Y., Yalçın T. E., Aysal A. İ., Erdoğan Orhan İ.

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### III. Neuroprotective Potential of Plant Natural Products: A Distinctive Pharmaceutical Glance into Coumarins

Erdoğan Orhan İ., Şenol Deniz F. S.

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### IV. Evaluation of acetylcholinesterase inhibitory and DPPH radical scavenging activity of Geranium and Erodium taxa from Turkey

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3rd International Gazi Pharma Symposium Series, Ankara, Turkey, 8 - 10 September 2021, pp.166

### V. Development of Plant-Based Dermocosmetic Products Using Efficacy and Safety Tests With 2D/3D Cell Culture Methods

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9th IUPAC Symposium on Biomolecular Chemistry 8th International Symposium for Chinese Medicinal Chemists (ISCMC-8), China, 25 - 26 August 2012
- LXXXII. **Exploring In Vitro Neurobiological Activity of *Viburnum orientale* Pallas through Enzyme Inhibition and Antioxidant Assays**  
ŞENOL F. S., ERDOĞAN ORHAN İ., ÖZBİLGİN S., YAZGAN A. N., SEVER YILMAZ B., ALTUN M. L., SALTAN H. G.  
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- LXXXIII. **In vitro and In Silico Approach to Vitamin C (Ascorbic Acid) with Molecular Docking Simulations: A Potent Inhibitor of Tyrosinase**  
ŞENOL F. S., ERDOĞAN ORHAN İ., KHAN M. T. H., ORHAN G., GÜRKAŞ E.  
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- LXXXIV. **Studies on Anticholinesterase and Antioxidant Effects of 111 Samples of *Colchicum* L. Genus of Turkish Origin**  
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- LXXXV. **An In Vitro Investigation on Cholinesterase and Tyrosinase Inhibitory and Antioxidant Activity of Five *Centarium* Hill taxa**  
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- LXXXVI. **Studies on Anticholinesterase and Antioxidant Effects of *Fritillaria* L. Species of Turkish Origin**  
Budakoğlu E., SEVİM D., ŞENOL F. S., ERDOĞAN ORHAN İ., ŞENER B., KAYA E., Aslay M., Kesici A., Rastgeldi U.  
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- LXXXVII. **Identification of in vitro neurobiological effects and chromatographic analysis of *Anethum graveolens* L Dill grown by organic and conventional agricultural breeding techniques**  
ERDOĞAN ORHAN İ., ŞENOL F. S., PULUR A., ÖZTÜRK N., Skalicka-Wozniak K., ÇELİK S. A., KAN Y., Glowniak K.  
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- LXXXVIII. **In Silico Assessment of Cholinesterase Inhibitory Effects of Some Selected Natural Compounds**  
ŞENOL F. S., ERDOĞAN ORHAN İ., KHAN M. T. H., ŞENER B.  
International Conference of Young Chemists, Jordan, 8 - 10 April 2012
- LXXXIX. **Studies on Anticholinesterase and DPPH Radical Scavenging Effects of 45 Species of *Iris* L. Genus of Turkish Origin**  
SEVİM D., ŞENOL F. S., Budakoğlu E., ERDOĞAN ORHAN İ., ŞENER B., Erken K., KAYA E.  
11. International Symposium on Flower Bulbs and Herbaceous Perennials, Turkey, 28 March - 01 April 2012
- XC. **Synthesis and Acetylcholinesterase and Butyrylcholinesterase Inhibitory Activities of N 4 Substituephenylsulfonyl 2 4 Substituephenyl piperazine piperidine 3 2H pyridazinone 2 yl acetohydrazide propiyonohidrazide derivatives**

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4th European Conference on Chemistry on Chemistry for Life Sciences, Budapest, Hungary, 31 August - 03 September 2011

- XCI. **Studies on anticholinesterase and DPPH radical scavenging effects of 41 species of Fritillaria L. genus of Turkish origin**  
Sevim D., Senol F. S., Orhan I., Sener B., Kaya E., Rastgeldi U., Kesici A., Aslay M.  
59th International Congress and Annual Meeting of the Society-for-Medicinal-Plant-and-Natural-Product-Research, Antalya, Turkey, 4 - 09 September 2011, vol.77, pp.1440
- XCII. **Anti-amnesic activity screening of the seed ethanol extracts of Turkish Paeonia taxa by in vitro methods**  
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59th International Congress and Annual Meeting of the Society-for-Medicinal-Plant-and-Natural-Product-Research, Antalya, Turkey, 4 - 09 September 2011, vol.77, pp.1441
- XCIII. **Anti-amnesic Activity Screening of the Seed Ethanol Extracts of Turkish Paeonia Taxa by In Vitro Methods**  
SEVİM D., ŞENOL F. S., ERDOĞAN ORHAN İ., ŞENER B., KAYA E.  
59th International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research, Turkey, 4 - 09 September 2011, vol.77, pp.1441
- XCIV. **An in vitro approach to neuroprotective activity of Rosa damascena Mill., a medieval age traditional medicine used for memory enhancement**  
Senol F. S., Orhan İ., Kurkcuoglu M., Khan M. H., Altintas A., Sener B., Baser K. H. C.  
59th International Congress and Annual Meeting of the Society-for-Medicinal-Plant-and-Natural-Product-Research, Antalya, Turkey, 4 - 09 September 2011, vol.77, pp.1440
- XCV. **Studies on Anticholinesterase and DPPH Radical Scavenginig Effects of 41 Species of Fritillaria L. Genus of Turkish Origin**  
SEVİM D., ŞENOL F. S., ERDOĞAN ORHAN İ., ŞENER B., KAYA E., Rastgeldi U., Kesici A., Aslay M.  
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- XCVI. **Appraisal of in vitro neuroprotective effects of Turkish Pinus L. species and pycnogenol and essential oil analyses**  
Ustun O., Senol F. S., Kurkcuoglu M., Orhan I., Kartal M., Baser K. H. C.  
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- XCVII. **Insights into neuroprotective effects of various traditional coffees in Turkey by in vitro assays and their phytochemical characterization**  
ŞENOL F. S., Gülpınar A. R., ERDOĞAN ORHAN İ., ŞEKEROĞLU N., KARTAL M., ŞENER B.  
The 15th International Congress Phytopharm 2011, Germany, 25 - 27 July 2011
- XCVIII. **An Extensive Research on Effects of Selected Sage (Salvia) Species on Brain and Skin Aging As Promising Phytonutraceuticals**  
ERDOĞAN ORHAN İ., ŞENOL F. S., ŞENER B.  
7th Asia Pacific Conference on Clinical Nutrition, Thailand, 5 - 08 June 2011
- XCIX. **Assessment of Antioxidant Effects of Some Cereal Grains Using In Vitro Test Systems**  
ŞENOL F. S., KAN A., ERDOĞAN ORHAN İ., ÇOKSARI G.  
Fruit and Vegetable Processing 1st Euro-Mediterranean Symposium, France, 18 - 21 April 2011
- C. **Assessment of Cholinesterase Inhibitory and Antioxidant Properties and Quantification of Rutin and Fatty Acids in Buckwheat (Fagopyrum esculentum Moench)**  
Gülpınar A. R., ERDOĞAN ORHAN İ., KAN Y., ŞENOL F. S., ÇELİK S. A., KARTAL M.  
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- CI. **Comparative Studies on Neuroprotective Potentials of Different Terebinth Coffee Commercial Brands and Unprocessed Fruits of Pistacia terebinthus L. and their Phytochemical Analyses**  
ERDOĞAN ORHAN İ., ŞENOL F. S., Gülpınar A. R., ŞEKEROĞLU N., KARTAL M., ŞENER B.

Fruit and Vegetable Processing 1st Euro-Mediterranean Symposium, France, 18 - 21 April 2011

- CII. **An Update On Effects of Turkish Salvia Species Against Alzheimer's Disease**  
ŞENOL F. S., ERDOĞAN ORHAN İ., ŞENER B.  
The III. International Anti-Aging Congress, Turkey, 2 - 05 December 2010
- CIII. **Assessment of Effect of Ayurvedic Medicine Centella asiatica (L) Urban (Gotu Kola) Extracts on Brain Aging**  
ERDOĞAN ORHAN İ., Atası E., ŞENOL F. S., DEMİRCİ B., BAŞER K. H. C., Das K., ŞEKEROĞLU N.  
The III. International Anti-aging Congress, Turkey, 2 - 05 December 2010
- CIV. **Salvia fruticosa Adayayı Doğal ve Kültür Örneklerinin Kolinesteraz İnhibitör ve Antioksidan Aktivitelerinin Aktivite Yönlendirmeli Fraksiyonlama ile Karşılaştırılması**  
ŞENOL F. S., ERDOĞAN ORHAN İ., ASLAN ERDEM S., KARTAL M., ŞENER B., KAN Y., CELEP F., KAHRAMAN A., DOĞAN M.  
19. Bitkisel İlaç Hammaddeleri Toplantısı (BİHAT-2010), Turkey, 27 - 30 October 2010
- CV. **Türkiye de Yetişen Bazı Salvia Taksonlarının Tirozinaz ve Lipooksijenaz Enzimleri Üzerine İnhibitör Aktiviteleri**  
ERDOĞAN ORHAN İ., ŞENOL F. S., AKAYDIN G., ŞENER B.  
19. Bitkisel İlaç Hammaddeleri Toplantısı (BİHAT-2010), Turkey, 27 - 30 October 2010
- CVI. **Melia azedarach L. Bitkisinin Kolinesteraz ve Tirozinaz Enzim İnhibisyonu, Antioksidan ve İnsektisit Aktivitesi ile Genotoksitesisi ve Fitokimyasal İçeriği Üzerine Çalışmalar**  
ERDOĞAN ORHAN İ., ŞENOL F. S., Güner E., ÖZTÜRK N., ÇAĞLAR S. S., EMECEN G., ŞENER B.  
19. Bitkisel İlaç Hammaddeleri Toplantısı (BİHAT-2010), Turkey, 27 - 30 October 2010
- CVII. **Studies on Inhibitory Potentials of Some Flavonoid Derivatives Against Acetylcholinesterase, Butyrylcholinesterase and Thermolysin Enzymes**  
ERDOĞAN ORHAN İ., KHAN M. T. H., ŞENOL F. S., KARTAL M., Dvorska M., Smejkal K., Slapetova T., Zemlicka M., TOKER G., ŞENER B., et al.  
11th Eurasia Conference on Chemical Sciences, Jordan, 6 - 10 October 2010
- CVIII. **GC-MS Analysis of Essential Oil Composition of Artemisia absinthium L from Algeria and Artemisia fragrans Willd from Turkey**  
Gülpınar A. R., Belhattab R., ŞENOL F. S., ERDOĞAN ORHAN İ., KARTAL M.  
11th Eurasia Conference on Chemical Sciences, Jordan, 6 - 10 October 2010
- CIX. **Studies on Enzyme Inhibitory and Antioxidant Activities and Phytochemical Profiling of Phagnalon graceum Boiss.**  
ERDOĞAN ORHAN İ., ŞENOL F. S., DEMİRCİ B., ÖZTÜRK N., BAŞER K. H. C., ŞENER B.  
Phytochemical Society of Europe International Symposium on Terpenes- Application, Activity and Analysis, Turkey, 26 - 29 September 2010
- CX. **Investigating Wound Healing, Tyrosinase Inhibitory and Antioxidant Activities of the Ethanol Extracts of Salvia cryptantha and Salvia cyanescens using In Vivo and In Vitro Experimental Models**  
SÜNTAR İ., AKKOL E., ŞENOL F. S., KELEŞ H., ERDOĞAN ORHAN İ.  
The 14th International Congress Phytopharm 2010, Russia, 1 - 03 July 2010
- CXI. **Determination of Fatty Acid Compositions of Paeonia daurica Andrews and P. peregrina Mill. See**  
Gülpınar A. R., ŞENOL F. S., KARTAL M., ERDOĞAN ORHAN İ., KAYA E., ŞENER B.  
The 6th Conference on Aromatic and Medicinal Plants of Southeast European Countries (6th CMAPSEEC), 18 - 22 April 2010
- CXII. **Anticholinesterase and Antioxidant Appraisal of Some Salvia Species from Euro-Siberian and Mediterranean Phytogeographic Region**  
ERÇETİN T., ŞENOL F. S., ERDOĞAN ORHAN İ., CELEP F., KAHRAMAN A., AKAYDIN G., ŞENER B., DOĞAN M.  
The 6th Conference on Aromatic and Medicinal Plants of Southeast European Countries (6th CMAPSEEC), 18 - 22 April 2010
- CXIII. **Assessment of Anticholinesterase and Antioxidant Effects of Some Salvia Species from Irano Turanian Phytogeographic Region**  
ŞENOL F. S., ERÇETİN T., ERDOĞAN ORHAN İ., CELEP F., KAHRAMAN A., AKAYDIN G., ŞENER B., DOĞAN M.

The 6th Conference on Aromatic and Medicinal Plants of Southeast European Countries (6th CMAPSEEC), Turkey, 18 - 22 April 2010

- CXIV. **Exploring In Vitro Antioxidant and Anti-acetylcholinesterase Activity of *Marrubium astracanicum* from Turkey and *M. vulgare* from Algeria**  
ERDOĞAN ORHAN İ., ŞENOL F. S., HOŞBAŞ S., Belhattab R.  
The 6th Conference on Aromatic and Medicinal Plants of Southeast European Countries (6th CMAPSEEC), 18 - 22 April 2010
- CXV. **Alzheimer Hastalığı ve Adaçayı (*Salvia* sp.)**  
ŞENOL F. S., ERDOĞAN ORHAN İ.  
II. Ulusal SPAWELNESS Kongresi, Turkey, 18 - 20 December 2009
- CXVI. **Flavonoids as Strong Inhibitors of Thermolysin, Acetylcholinesterase and Butyrylcholinesterase Enzymes**  
ERDOĞAN ORHAN İ., KHAN M. T. H., ŞENOL F. S., KARTAL M., Dvorska M., Smejkal K., Slapetova T., Zemlicka M., TOKER G., ŞENER B., et al.  
9th International Symposium on Pharmaceutical Sciences (ISOPS-9), 23 - 26 June 2009
- CXVII. **Preliminary Screening of Acetylcholinesterase Inhibitory and Antioxidant Activities of Anatolian Heptaptera Species**  
YILMAZ G., ŞENOL F. S., ERDOĞAN ORHAN İ., ŞENER B., KOYUNCU M.  
9th International Symposium on Pharmaceutical Sciences (ISOPS-9), 23 - 26 June 2009
- CXVIII. **Acetylcholinesterase Inhibitory Potentials of Several Synthetic Spiro Heterocycles**  
ERDOĞAN ORHAN İ., ŞENOL F. S., KHAN M. T. H., BEN HADDA T., Bennani B., Kerbal A., ŞENER B.  
9th International Symposium on Pharmaceutical Sciences (ISOPS-9), Turkey, 23 - 26 June 2009
- CXIX. **Sage-Called Plant Species Sold in Turkey and Their Antioxidant Activities**  
Baki E., ERDOĞAN ORHAN İ., ŞENOL F. S., YILMAZ G.  
9th International Symposium on Pharmaceutical Sciences (ISOPS-9), 23 - 26 June 2009
- CXX. **Survey of Various Turkish *Salvia* Taxa for Their Acetylcholinesterase Inhibitory and Antioxidant Activities**  
ŞENOL F. S., ERDOĞAN ORHAN İ., YILMAZ G., CELEP F., KAHRAMAN A., DOĞAN M., ŞENER B.  
9th International Symposium on Pharmaceutical Sciences (ISOPS-9), Turkey, 23 - 26 June 2009
- CXXI. **Tyrosinase Acetylcholinesterase Butyrylcholinesterase Inhibitory and Antioxidant Activities of Thirty three *Scutellaria* L Taxa from Turkey**  
ŞENOL F. S., ERDOĞAN ORHAN İ., YILMAZ G., ÇİÇEK M., ŞENER B.  
8th International Symposium on the Chemistry of Natural Compounds (8th SCNC), Turkey, 15 - 17 June 2009
- CXXII. **Cholinesterase Inhibitory Effects of the Extracts and Major Compounds of *Maclura pomifera* (Rafin.) Schneider (Moraceae)**  
ERDOĞAN ORHAN İ., ŞENOL F. S., KARTAL M., Dvorska M., Zemlicka M., Smejkal K., Mokry P.  
8th International Symposium on the Chemistry of Natural Compounds (8th SCNC), Turkey, 15 - 17 June 2009
- CXXIII. ***Cyclotrichium niveum* Boiss Manden et Scheng Bitkisinin Antikolinesteraz ve Antioksidan Aktivitesi**  
ERDOĞAN ORHAN İ., ŞENOL F. S., Gülpınar A. R., KARTAL M., ŞENER B.  
18. Bitkisel İlaç Hammaddeleri Toplantısı (BİHAT-2008), Turkey, 16 - 18 October 2008
- CXXIV. **Türkiye’de Kültürü Yapılan *Echinacea purpurea* ve *E. pallida*’nın Asetilkolinesteraz İnhibitör ve Antioksidan Etkilerinin İncelenmesi**  
Gülpınar A. R., ŞENOL F. S., ERDOĞAN ORHAN İ., KARTAL M., KAN Y.  
18. Bitkisel İlaç Hammaddeleri Toplantısı (BİHAT-2008), Turkey, 16 - 18 October 2008
- CXXV. **Antioxidant Appraisal and Total Phenol Contents of Various Parts of *Maclura pomifera* Rafin Schneider Tree and Its Two Major Isoflavonoids**  
ERDOĞAN ORHAN İ., ŞENOL F. S., KARTAL M., Dvorska M., Zemlicka M.  
5th Conference on Medicinal and Aromatic Plants of Southeast European Countries (CMAPSEEC), Czech Republic, 2 - 05 September 2008
- CXXVI. **Assessment of antioxidant activities and phenolic contents of some edible plants**  
Orhan İ., Kartal M., Senol F. S., Abou-Asaker M., Sener B.

7th Joint Meeting of the Association-Francophone-pour-l'Enseignement-et-la-Recherche-en-Pharmacognosie/American-Society-of-Pharmacognosy/Society-for-Medicinal-Plant-Research/Phytochem-Society-of-Europe/Societa-Italiana-di-Fitochimica, Athens, Greece, 3 - 08 August 2008, vol.74, pp.1173

**CXXVII. Antioxidant appraisal and LC-MS characterization of some freshwater and marine macrophytes and algae**

Orhan İ., Kartal M., Abou-Asaker M., Senol F. S., Atici T., Sener B.

7th Joint Meeting of the Association-Francophone-pour-l'Enseignement-et-la-Recherche-en-Pharmacognosie/American-Society-of-Pharmacognosy/Society-for-Medicinal-Plant-Research/Phytochem-Society-of-Europe/Societa-Italiana-di-Fitochimica, Athens, Greece, 3 - 08 August 2008, vol.74, pp.1104

## Supported Projects

ŞENOL DENİZ F. S., Büyükyıldırım T., Project Supported by Higher Education Institutions, Halk Arasında Varis Tedavisinde Kullanılan Bazı Bitkiler Üzerinde Farmakognozik Araştırmalar, 2024 - Continues

ŞENOL DENİZ F. S., Günday E., Project Supported by Higher Education Institutions, Ülkemizde Yetişen Lamiaceae Familyasına Ait Bazı Bitkilerin Alzheimer Hastalığı ile İlişkili Enzimlere Karşı Etkileri Üzerinde Araştırmalar, 2023 - Continues

Şenol Deniz F. S., Kahraman A., Akaydın S., Salihoğlu E., Süntar İ., Demirel M. A., Akarca Dizakar S. Ö., R&D Project of Group B, Ülkemizde Yetişen Lamiaceae Familyasına Ait Bazı Bitkilerin Alzheimer Hastalığına Karşı Etkilerinin In Vitro ve In Vivo Yöntemlerle Değerlendirilmesi, 2024 - 2026

SÜNTAR İ., ŞENOL DENİZ F. S., TUGAY O., METKİN G., Project Supported by Higher Education Institutions, Scutellaria salviifolia Benth Bitkisinin Anti-enflamatuvar ve Antioksidan Aktivitelerinin in vitro Yöntemlerle Araştırılması, 2023 - 2024

Şenol Deniz F. S., Erdoğan Orhan İ., Kan Y., Bozkurt Güzel Ç., Yalçın T. E., Oyardı Ö., Ülger N., Project Supported by Higher Education Institutions, Türkiye'de Yetişen Bazı Tıbbi Bitkilerin Anti-Akne Aktivitelerinin Belirlenmesi ve Bitkisel Akti-Akne Ürün Formülasyonu Tasarımı, 2020 - 2022

Erdoğan Orhan İ., Eren G., Emerce E., Şenol Deniz F. S., Aysal A. İ., Project Supported by Higher Education Institutions, Bitkisel Kaynaklı Bazı Fenolik Bileşiklerin Anti-Alzheimer, Anti-Melanojenik ve Cilt Yaşlanması Üzerine Etkilerinin In vitro, In vivo ve In Silico Yöntemlerle İncelenmesi, 2019 - 2022

Kahraman A., Büyükkartal H. N., Şenol Deniz F. S., TUBITAK Project, Türkiye'de Doğal Olarak Yetişen Rubia L. (Rubiaceae, Rubiaceae) Cinsinin Anatomisi, Mikromorfolojisi, Palinolojisi, Tohum Kabuğu İnce Yapısı, Numerik Taksonomisi ve Enzim İnhibisyon Aktivitesi Üzerine Araştırmalar, 2019 - 2022

Şenol Deniz F. S., Erdoğan Orhan İ., Tugay O., Aysal A. İ., Doğru T., Project Supported by Higher Education Institutions, Ülkemizde Yetişen Bazı Polygonum Türlerinin Resveratrol İçeriği ve Kozmetik İlişkili Enzim İnhibitör Etkileri Bakımından Değerlendirilmesi, 2020 - 2021

Şenol Deniz F. S., Erdoğan Orhan İ., Project Supported by Higher Education Institutions, Türkiye'de Yetişen Erodium L'Her. ex Aiton ve Geranium L. Cinslerine Ait Türlerin Tirozinaz İnhibitör ve Antioksidan Etkileri Üzerinde Araştırmalar, 2016 - 2018

Ark M., Özdemir A., Erdoğan Orhan İ., Şenol Deniz F. S., Project Supported by Higher Education Institutions, Cylothrichium niveum L.'den Elde Edilen Ekstrelerin Sitotoksik Aktivitelerinin İncelenmesi, 2011 - 2013

Şenol Deniz F. S., Erdoğan Orhan İ., Project Supported by Higher Education Institutions, Türkiye'de Yetişen 55 Salvia Türünün Asetilkolinesteraz İnhibitör Aktiviteleri Yönünden İncelenmesi, 2008 - 2010

## Patent

Erdoğan Orhan İ., Yüksek T., Aslan Ş. M., Şenol Deniz F. S., Mendi H. A., KIRMIZI KALİFORNİYA SOLUCAN EKSTRESİ VE KULLANIMI, Patent, CHAPTER A Human Needs, The Invention Registration Number: TR 2019 21760 B , Standard Registration, 2023

Aytemir M., Erdoğan Orhan İ., Özçelik B., Şenol Deniz F. S., Karakaya G., Kojic Acid-Derived Mannich Bases with Biological

Effect, Patent, CHAPTER A Human Needs, The Invention Registration Number: US 9,975,8884B , Standard Registration, 2018

Özçelik B., Şenol Deniz F. S., Erdoğan Orhan İ., Biyolojik Etkili Kojik Asit Türevi Mannish Bazları, Patent, CHAPTER A Human Needs, The Invention Registration Number: TR 2015 07653 B , Standard Registration, 2017

### **Activities in Scientific Journals**

TARIM BILIMLERI DERGISI, Committee Member, 2023 - Continues

Drugs and Drug Candidates, Special Issue Editor, 2022 - Continues

Drugs and Drug Candidates, Committee Member, 2022 - Continues

FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, Assistant Editor/Section Editor, 2019 - Continues

PHARMACEUTICALS, Special Issue Editor, 2022 - 2023

### **Memberships / Tasks in Scientific Organizations**

Farmasötik Bilimler Derneği, Secretary General, 2023 - Continues, Turkey

### **Scientific Refereeing**

TURKISH JOURNAL OF BOTANY, Journal Indexed in SCI-E, July 2023

Current Perspectives on Medicinal and Aromatic Plants, Other Indexed Journal, July 2023

ACTA PHARMACEUTICA SCIENTIA, Other Indexed Journal, June 2023

Istanbul Journal of Pharmacy, Journal Indexed in ESCI, May 2022

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, Journal Indexed in ESCI, March 2022

TURKISH JOURNAL OF BOTANY, National Scientific Refreed Journal, November 2021

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, November 2021

TURKISH JOURNAL OF BOTANY, National Scientific Refreed Journal, September 2021

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, July 2021

JOURNAL OF RESEARCH IN PHARMACY, National Scientific Refreed Journal, July 2021

Istanbul Journal of Pharmacy, National Scientific Refreed Journal, June 2021

TURKISH JOURNAL OF BIOLOGY, National Scientific Refreed Journal, June 2021

Istanbul Journal of Pharmacy, National Scientific Refreed Journal, May 2021

JOURNAL OF RESEARCH IN PHARMACY (ONLINE), National Scientific Refreed Journal, August 2020

JOURNAL OF RESEARCH IN PHARMACY (ONLINE), National Scientific Refreed Journal, July 2020

PHYTOMEDICINE, Journal Indexed in SCI-E, March 2020

BMC COMPLEMENTARY AND ALTERNATIVE MEDICINE, Journal Indexed in SCI-E, March 2020

OXIDATIVE MEDICINE AND CELLULAR LONGEVITY, Journal Indexed in SCI-E, March 2020

JOURNAL OF RESEARCH IN PHARMACY (ONLINE), National Scientific Refreed Journal, February 2020

NATURAL PRODUCT RESEARCH, Journal Indexed in SCI-E, February 2020

### **Tasks In Event Organizations**

Şenol Deniz F. S., The 9th Mediterranean Symposium on Medicinal and Aromatic Plants (MESMAP-2023), Scientific Congress, Ankara, Turkey, Mayıs 2023

Şenol Deniz F. S., 1st International Symposium of Biodiversity Studies, Scientific Congress, Ankara, Turkey, Mayıs 2022

## **Metrics**

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## **Scholarships**

2219 Yurt Dışı Doktora Sonrası Araştırma Burs Programı, TÜBİTAK, 2020 - 2021

## **Awards**

Şenol Deniz F. S., TÜBA GEBİP Ödülü, Türkiye Bilimler Akademisi, December 2020

Şenol Deniz F. S., Türk Eczacıları Birliği (TEB) Eczacılık Akademisi Teşvik Ödülü, Türk Eczacıları Birliği, September 2017

Şenol Deniz F. S., Erdoğan Orhan İ., Narenciye özel ödülü, Ege İhracatçı Birlikleri, May 2016