

## Prof. DERYA ÖZSAVCI

### Personal Information

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### Education Information

Doctorate, Karadeniz Technical University, Tıp Fakültesi, Temel Tıp, Turkey 1992 - 1998

Postgraduate, Karadeniz Technical University, Tıp Fakültesi, Temel Tıp, Turkey 1990 - 1992

Undergraduate, Karadeniz Technical University, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, Turkey 1986 - 1990

### Research Areas

Health Sciences

### Academic Titles / Tasks

Professor, Marmara University, Faculty of Pharmacy, Basic Pharmaceutical Sciences, 2019 - Continues

### Academic and Administrative Experience

Vice Dean, Marmara University, Faculty of Pharmacy, Basic Pharmaceutical Sciences, 2022 - Continues

Head of Department, Marmara University, Faculty of Pharmacy, Basic Pharmaceutical Sciences, 2022 - Continues

Head of Department, Marmara University, Faculty of Pharmacy, Basic Pharmaceutical Sciences, 2021 - Continues

### Advising Theses

ÖZSAVCI D., Meme kanserli hücrelerin yüzeylerinde HDL reseptör sayısının ölçülmesi, Postgraduate, S.Aydın(Student), 2019

ÖZSAVCI D., Alcea dissecta ve Ruscus aculeatus L. bitkilerinin sıçanlarda sisplatin kaynaklı nefrotoksisite modelinde koruyucu etkileri, Postgraduate, A.Dinç(Student), 2019

ÖZSAVCI D., Meme kanserinde düşük yoğunluklu lipoprotein (LDL) ve krill yağının olası antiproliferatif ve apoptotik etkileri, Postgraduate, S.Kutlu(Student), 2019

ÖZSAVCI D., Glike lipoproteinlerin trombosit apoptozu ve diğer fonksiyonlarına etkileri, Postgraduate, A.Dağtekin(Student), 2010

ÖZSAVCI D., Trombositlere fibrinojen ve GPIIb/IIIa antikorlarının bağlanmasına düşük dansiteli lipoprotein (LDL), okside olmuş düşük dansiteli lipoprotein ve yüksek dansiteli lipoprotein (HDL)'lerin etkilerinin flovisitometrik yöntemle

incelenmesi, Postgraduate, H.Avcı(Student), 2006

ÖZSAVCI D., Trombositlere fibrinojen ve gpIIb/IIIa antikorlarının bağlanmasına düşük dansiteli lipoprotein (ldl), okside olmuş düşük dansiteli lipoprotein ve yüksek dansiteli lipoprotein (hdl)'lerin etkilerinin flovsitometrik yöntemle incelenmesi, Postgraduate, H.Avcı(Student), 2006

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

- I. **Carbon Nanofiber-Sodium Alginate Composite Aerogels Loaded with Vitamin D: The Cytotoxic and Apoptotic Effects on Colon Cancer Cells**  
Bingol Ozakpinar Ö., Dastan H., Gurboga M., Sayin F. S., Ozsavci D., Caliskan Salihi E.  
GELS, vol.9, no.7, 2023 (SCI-Expanded)
- II. **Level of clinical evidence of herbal complementary therapies in psychiatric disorders**  
ÖZSAVCI D., Ozakpinar Ö., Cetin M., ARICIOĞLU F.  
PSYCHIATRY AND CLINICAL PSYCHOPHARMACOLOGY, vol.29, no.3, pp.239-243, 2019 (SCI-Expanded)
- III. **Effects of dapagliflozin in experimental sepsis model in rats**  
Kıngır Z. B., ÖZDEMİR KUMRAL Z. N., ÇAM M. E., KAYA Ö. T., ŞEKERLER T., ERCAN F., BİNGÖL ÖZAKPINAR Ö., ÖZSAVCI D., Sancar M., OKUYAN B.  
ULUSAL TRAVMA VE ACIL CERRAHI DERGISI-TURKISH JOURNAL OF TRAUMA & EMERGENCY SURGERY, vol.25, no.3, pp.213-221, 2019 (SCI-Expanded)
- IV. **Native High-Density Lipoprotein and Melatonin Improve Platelet response Induced by Glycated Lipoproteins**  
ÖZSAVCI D., Nazlı A., BİNGÖL ÖZAKPINAR Ö., DEMİREL G., KURAL B., ŞENER A.  
Folia Biologica, 2018 (SCI-Expanded)
- V. **Functional and structural changes of the urinary bladder following spinal cord injury; treatment with alpha lipoic acid**  
Ekiz A., ÖZDEMİR KUMRAL Z. N., ERŞAHİN M., Tugtepe H., VELİOĞLU ÖĞÜNÇ A., AKAKIN D., Kiran D., ÖZSAVCI D., Biber N., Hakan T., et al.  
NEUROUROLOGY AND URODYNAMICS, vol.36, no.4, pp.1061-1068, 2017 (SCI-Expanded)
- VI. **Synthesis and antiproliferative evaluation of novel 2-(4H-1,2,4-triazole-3-ylthio)acetamide derivatives as inducers of apoptosis in cancer cells**  
KULABAŞ N., TATAR E., BİNGÖL ÖZAKPINAR Ö., ÖZSAVCI D., Pannecouque C., De Clercq E., KÜÇÜKGÜZEL İ.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.121, pp.58-70, 2016 (SCI-Expanded)
- VII. **Nesfatin-1 improves oxidative skin injury in normoglycemic or hyperglycemic rats**  
Solmaz A., Bahadır E., Gulcicek O. B., Yigitbas H., Celik A., Karagoz A., ÖZSAVCI D., ŞİRVANCI S., YEGEN B.  
PEPTIDES, vol.78, pp.1-10, 2016 (SCI-Expanded)
- VIII. **Synthesis of Diflunisal Thiazolidinones as Anticancer Agents**  
ŞENKARDEŞ S., BİNGÖL ÖZAKPINAR Ö., ÖZSAVCI D., ŞENER A., Cevik O., KÜÇÜKGÜZEL Ş. G.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.16, no.10, pp.1266-1274, 2016 (SCI-Expanded)
- IX. **Synthesis of Tolmetin Hydrazide-Hydrazones and Discovery of a Potent Apoptosis Inducer in Colon Cancer Cells**  
KÜÇÜKGÜZEL Ş. G., Koc D., Cıkla-Suzgun P., ÖZSAVCI D., BİNGÖL ÖZAKPINAR Ö., MEGA TİBER P., ORUN O., Erzincan P., Sag-Erdem S., ŞAHİN F.  
Archiv der Pharmazie, vol.348, no.10, pp.730-742, 2015 (SCI-Expanded)
- X. **Ovarian stem cells: From basic to clinical applications**  
Bingöl Ozakpinar Ö., Maurer A., Özsavcı D.  
WORLD JOURNAL OF STEM CELLS, vol.7, no.4, pp.757-768, 2015 (SCI-Expanded)
- XI. **Full length adiponectin protects platelet from activation and apoptosis**  
ŞENER A., ALTINDİŞ N. G., DOĞAN Ö., ÇEVİK Ö., ÖZSAVCI D., AKSOY H. Z., TURAN K.  
FEBS Journal, vol.282, pp.120, 2015 (SCI-Expanded)
- XII. **Captopril protects against burn-induced cardiopulmonary injury in rats**

SAGLAM E., Sehirli A. O., Ozdamar E. N., Contuk G., ÇETİNEL Ş., ÖZSAVCI D., Suleymanoglu S., ŞENER G.  
ULUSAL TRAVMA VE ACIL CERRAHI DERGISI-TURKISH JOURNAL OF TRAUMA & EMERGENCY SURGERY, vol.20,  
no.3, pp.151-160, 2014 (SCI-Expanded)

- XIII. **Obestatin alleviates subarachnoid haemorrhage-induced oxidative injury in rats via its anti-apoptotic and antioxidant effects**  
ERŞAHİN M., ÖZSAVCI D., ŞENER A., BİNGÖL ÖZAKPINAR Ö., Toklu H. Z., AKAKIN D., ŞENER G., YEGEN B.  
BRAIN INJURY, vol.27, no.10, pp.1181-1189, 2013 (SCI-Expanded)
- XIV. **Melatonin protects against ischemic heart failure in rats**  
Sehirli A. O., Koyun D., TETİK Ş., ÖZSAVCI D., Yiginer O., ÇETİNEL Ş., Tok O. E., Kaya Z., AKKİPRİK M., Kilic E., et al.  
JOURNAL OF PINEAL RESEARCH, vol.55, no.2, pp.138-148, 2013 (SCI-Expanded)
- XV. **Synthesis, cytotoxicity, and pro-apoptosis activity of etodolac hydrazide derivatives as anticancer agents**  
Cikla P., ÖZSAVCI D., BİNGÖL ÖZAKPINAR Ö., ŞENER A., Cevik O., ÖZBAŞ TURAN S., Akbuga J., ŞAHİN F., KÜÇÜKGÜZEL Ş. G.  
Archiv der Pharmazie, vol.346, no.5, pp.367-379, 2013 (SCI-Expanded)
- XVI. **Synthesis and Characterization of Celecoxib Derivatives as Possible Anti-Inflammatory, Analgesic, Antioxidant, Anticancer and Anti-HCV Agents**  
KÜÇÜKGÜZEL Ş. G., Coskun I., Aydin S., AKTAY G., Gursoy S., Cevik O., BİNGÖL ÖZAKPINAR Ö., ÖZSAVCI D., ŞENER A., Kaushik-Basu N., et al.  
MOLECULES, vol.18, no.3, pp.3595-3614, 2013 (SCI-Expanded)
- XVII. **Melatonin treatment protects against spinal cord injury induced functional and biochemical changes in rat urinary bladder**  
Ersahin M., Ozdemir Z. N., ÖZSAVCI D., AKAKIN D., YEGEN B., Reiter R. J., ŞENER G.  
JOURNAL OF PINEAL RESEARCH, vol.52, no.3, pp.340-348, 2012 (SCI-Expanded)
- XVIII. **Exogenous L-Arginine and HDL Can Alter LDL and ox-LDL-Mediated Platelet Activation: Using Platelet P-Selectin Receptor Numbers**  
ŞENER A., Enc E., ÖZSAVCI D., Vanizor-Kural B., YANIKKAYA DEMİREL G., OBA R., Uras F., Demir M.  
CLINICAL AND APPLIED THROMBOSIS-HEMOSTASIS, vol.17, no.6, 2011 (SCI-Expanded)
- XIX. **The Novel Function of Nesfatin-1 as an Anti-inflammatory and Antiapoptotic Peptide in Subarachnoid Hemorrhage-Induced Oxidative Brain Damage in Rats**  
ÖZSAVCI D., Ersahin M., ŞENER A., BİNGÖL ÖZAKPINAR Ö., Toklu H. Z., AKAKIN D., ŞENER G., YEGEN B.  
NEUROSURGERY, vol.68, no.6, pp.1699-1708, 2011 (SCI-Expanded)
- XX. **New in vitro effects of clopidogrel on platelets in hyperlipidemic and healthy subjects**  
ÖZSAVCI D., ŞENER A., OBA R., Demirel G. Y., Uras F., Yardimci T. K.  
TURKISH JOURNAL OF HEMATOLOGY, vol.27, no.2, pp.99-108, 2010 (SCI-Expanded)
- XXI. **Oxidized-LDL and Fe<sup>3+</sup>/Ascorbic Acid-Induced Oxidative Modifications and Phosphatidylserine Exposure in Human Platelets are Reduced by Melatonin**  
ŞENER A., ÖZSAVCI D., BİNGÖL ÖZAKPINAR Ö., ÇEVİK Ö., Yanikkaya-Demirel G., YARDIMCI K. T.  
FOLIA BIOLOGICA, vol.55, no.2, pp.45-52, 2009 (SCI-Expanded)
- XXII. **Do platelet apoptosis, activation, aggregation, lipid peroxidation and platelet-leukocyte aggregate formation occur simultaneously in hyperlipidemia?**  
Sener A., Ozsavci D., Oba R., Demirel Y., Uras F., Yardimci K.  
CLINICAL BIOCHEMISTRY, vol.38, no.12, pp.1081-1087, 2005 (SCI-Expanded)
- XXIII. **The role of gammaglutamyltransferase GGT activity on early platelet apoptotic process**  
ŞENER A., ÖZSAVCI D., YANIKKAYA DEMİREL G., AKSOY H. Z., OBA R., URAS F., YARDIMCI K. T.  
Turk Journal Hematology, vol.22, pp.272, 2005 (SCI-Expanded)
- XXIV. **Flow cytometric assay of platelet glycoprotein receptor numbers in hypercholesterolemia**  
Ozsavci D., Yardimci T., Demirel G., Demiralp E., Uras F., Onder E.  
PLATELETS, vol.13, no.4, pp.223-229, 2002 (SCI-Expanded)
- XXV. **Apo A-I binding to platelets detected by flow cytometry**  
Ozsavci D., Yardimci T., Demirel G., Uras F., Hekim N., Ulutin O.

## Articles Published in Other Journals

- I. **Effects of SPARC and Possible Receptors on Colon Cancer Cell Line**  
MISIRLI D., BİNGÖL ÖZAKPINAR Ö., ŞEKERLER T., ARU B., DEMİREL G., tunoğlu s., ÖZSAVCI D.  
CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, vol.13, no.2, pp.316-322, 2023 (ESCI)
- II. **Synthesis, characterization and biological evaluation of thioureas, acylthioureas and 4-thiazolidinones as anticancer and antiviral agents**  
KULABAŞ N., BİNGÖL ÖZAKPINAR Ö., ÖZSAVCI D., Leysen P., Neyts J., KÜÇÜKGÜZEL İ.  
MARMARA PHARMACEUTICAL JOURNAL, vol.21, no.2, pp.371-384, 2017 (ESCI)
- III. **Synthesis and Anticancer Activity of Some Novel Tolmetin Thiosemicarbazides**  
Dadas Y., Coskun G. P., Bingol-Akpinar O., ÖZSAVCI D., KÜÇÜKGÜZEL Ş. G.  
MARMARA PHARMACEUTICAL JOURNAL, vol.19, no.3, pp.259-267, 2015 (ESCI)
- IV. **The pro oxidant effect of platelet gamma glutamyltransferase in the presence of iron III**  
ŞENER A., ÇEVİK Ö., DEMİREL G., ÖZSAVCI D.  
Marmara Pharmaceutical Journal, pp.30, 2011 (Scopus)
- V. **Oxidative alterations during human platelet storage**  
GÖKER B., ÖZSAVCI D., ŞENER A., AKSOY H. Z., BAĞIŞGİL V., YANIKKAYA DEMİREL G., URAS F.  
Marmara Pharmaceutical Journal, pp.38, 2011 (Scopus)
- VI. **Isırgan otu Urtica dioica L Tohumu ekstresinin hepatoprotektif ve antioksidatif etkileri**  
ŞENER A., GÜMÜŞ A., GÖKER B., ARBAK S., ÖZSAVCI D., YURTSEVER E.  
Fırat Sağlık Bilimleri Tıp Dergisi, vol.24, no.3, pp.167-172, 2010 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Marmara Üniversitesi Eczacılık Fakültesi Genişletilmiş Eğitim Programı Detay Çalışması 2019**  
CÜCÜ A., ERDOĞAN G., ŞENER A., ÖZSAVCI D., GÖKTÜRK S., ÇALIŞKAN SALİHİ E., BULUT G., DOĞAN A., SOYOĞUL GÜRER Ü., RAYAMAN E., et al.  
MARMARA ÜNİVERSİTESİ YAYINEVİ, İstanbul, 2019
- II. **Marmara Üniversitesi Eczacılık Fakültesi Genişletilmiş Eğitim Programı Detay Çalışması**  
Erdoğan G., Cücü A., Şen A., Şener A., Özavcı D., Göktürk S., Çalışkan Salih E., Bulut G., Doğan A., Soyoğul Gürer Ü., et al.  
Üniversite Yayınları, İstanbul, 2019

## Refereed Congress / Symposium Publications in Proceedings

- I. **CHAEROPHYLLUM AROMATICUM L. UÇUCU YAĞI VE MELATONİN KOMBİNASYONUNUN MCF-7 HÜCRELERİNDEKİ ETKİLERİNİN IN SİLİCO VE IN VİTRO DEĞERLENDİRİLMESİ**  
ertem r. e., GÜRBOĞA M., ŞEKERLER T., ŞEN A., BİNGÖL ÖZAKPINAR Ö., ÖZSAVCI D.  
9. ULUSLARARASI SAĞLIKLI YAŞAM KONGRESİ, İstanbul, Turkey, 18 - 19 November 2023
- II. **Sparc (Secreted protein, acidic and rich in Cysteine) Receptors in Cancer Mechanism**  
MISIRLI D., BİNGÖL ÖZAKPINAR Ö., ÖZSAVCI D.  
International Meeting on Education and Research in Health Science, 3 - 05 November 2017
- III. **The effects of curcumin on platelet activation apoptosis and aggregation**  
BİNGÖL ÖZAKPINAR Ö., Özyıldız Z., ŞEKERLER T., ÖZSAVCI D., GÖKER B.  
FEBS Congress, 2 - 08 September 2016
- IV. **Antiapoptotic effects of curcumin against ischemia induced injury in rat uterus**

ÖZSAVCI D., BİNGÖL ÖZAKPINAR Ö., ŞEKERLER T., KAPTAN E.

FEBS Congress, 2 - 08 September 2016

- V. **Nesfatin 1 diyabetik ve diyabetik olmayan sıçanlarda yara iyileşmesini hızlandırır**  
Solmaz A., Bahadır E., Gülçiçek O., Yiğitbaş H., Çelik A., ÖZSAVCI D., ŞİRVANCI S., YEGEN B.  
Akdeniz Morbid Obezite ve Metabolik Hastalıklar Cerrahisi Kongresi, Antalya, Turkey, 1 - 04 October 2015
- VI. **Full length adiponectin protects platelet from activation and apoptosis FEBS Journal**  
ŞENER A., ALTINDIŞ N. G., ÇEVİK Ö., DOĞAN Ö., ÖZSAVCI D., AKSOY H. Z., TURAN K.  
40th FEBS Congress, Berlin, Germany, 4 June - 09 January 2015
- VII. **Hastaların Kardiyovasküler Risk Açısından Değerlendirilmesinde Eczacının Rolü**  
ÖZSAVCI D., BİNGÖL ÖZAKPINAR Ö., OKUYAN B.  
2. Ulusal Klinik Eczacılık Farmasötik Bakım Kongresi, Turkey, 28 November - 01 December 2013
- VIII. **Synthesis and anticancer activity of diflunisal hydrazide hydrazones as apoptosis inducing agents**  
ŞENKARDEŞ S., BİNGÖL ÖZAKPINAR Ö., ÖZSAVCI D., ÇEVİK Ö., ŞENER A., ŞAHİN F., KÜÇÜKGÜZEL Ş. G.  
International Symposium On Drug Research&Development, 28 - 30 November 2013
- IX. **Synthesis Biological Activitiy of Hydrazide Hydrazones And 4 Thiazolidinones Derived From Etodolac**  
ÇIKLA SÜZGÜN P., ÖZSAVCI D., BİNGÖL ÖZAKPINAR Ö., ÇEVİK Ö., ŞENER A., TURAN S., AKBUĞA J., KÜÇÜKGÜZEL Ş. G.  
International Science & Technolocy Conference ISTEC, 7 - 09 December 2011

## Metrics

Publication: 84

Citation (WoS): 629

Citation (Scopus): 588

H-Index (WoS): 19

H-Index (Scopus): 21

## Non Academic Experience

Karadeniz Teknik Üniversitesi Tıp Fakültesi Biyokimya Anabilim Dalı