

## Assoc. Prof. HALİL AKSOY

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Marmara University, Institute of Health Sciences, Biyokimya (YI) (Tezli) (Eczacılık), Turkey 1990 - 1998

Postgraduate, Marmara University, Institute of Health Sciences, Biyokimya (YI) (Tezli) (Eczacılık), Turkey 1987 - 1990

Undergraduate, Gazi University, Gazi Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, Turkey 1982 - 1987

### Dissertations

Doctorate, İnsan plazmasından elde edilen fibrin yapıştırıcının deney hayvanlarında yara iyileşmesine etkisinin incelenmesi ve fibrinojenler üzerine çalışma, Marmara Üniversitesi, Institute of Health Sciences, Biyokimya (YI) (Tezli) (Eczacılık), 1998

Postgraduate, Barsak flora bakterilerinin glukoz kullanımı ve laktat üretimi, Marmara Üniversitesi, Institute of Health Sciences, Biyokimya (YI) (Tezli) (Eczacılık), 1990

### Research Areas

Health Sciences

### Academic Titles / Tasks

Assistant Professor, Marmara University, Faculty of Pharmacy, Basic Pharmaceutical Sciences, 2017 - Continues

Lecturer, Marmara University, Faculty of Dentistry, 2009 - 2017

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

- I. **Evaluation of biochemical parameters in *Rubus tereticaulis* treated rats and its implications in wound healing**  
AKSOY H., Demirbag C., ŞEN A., ŞEKERLER T., Ozakpınar Ö., ŞENER A., Ahmad S., TETİK Ş.  
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.472, pp.67-78, 2020 (SCI-Expanded)
- II. **Effect of Horse-chestnut seed extract on matrix metalloproteinase-1 and-9 during diabetic wound healing**  
Aksoy H., ÇEVİK Ö., ŞEN A., Goger F., ŞEKERLER T., ŞENER A.  
JOURNAL OF FOOD BIOCHEMISTRY, vol.43, no.3, 2019 (SCI-Expanded)

- III. **Ethanol extract of *Cotinus coggygia* leaves accelerates wound healing process in diabetic rats**  
Aksoy H., ŞEN A., SANCAR M., ŞEKERLER T., AKAKIN D., BİTİŞ L., Uras F., Kultur S., Izzettin F. V.  
PHARMACEUTICAL BIOLOGY, vol.54, no.11, pp.2732-2736, 2016 (SCI-Expanded)
- IV. **The effect of topical ethanol extract of *Cotinus coggygia* Scop. on cutaneous wound healing in rats**  
Aksoy H., SANCAR M., ŞEN A., OKUYAN B., BİTİŞ L., Uras F., AKAKIN D., ÇEVİK Ö., Kultur S., Izzettin F. V.  
NATURAL PRODUCT RESEARCH, vol.30, no.4, pp.452-455, 2016 (SCI-Expanded)
- V. **Oxidative stress causes plasma protein modification**  
TETİK Ş., Kilic A., Aksoy H., Rizeran N., Ahmad S., Yardimci K. T.  
INDIAN JOURNAL OF EXPERIMENTAL BIOLOGY, vol.53, no.1, pp.25-30, 2015 (SCI-Expanded)
- VI. **The effects of topical melatonin on oxidative stress, apoptosis signals, and p53 protein expression during cutaneous wound healing**  
ŞENER A., ÇEVİK Ö., Dogan O., Altindis N. G., Aksoy H., OKUYAN B.  
TURKISH JOURNAL OF BIOLOGY, vol.39, no.6, pp.888-895, 2015 (SCI-Expanded)
- VII. **Determination of oxidant stress in plasma of rheumatoid arthritis on primary osteoarthritis patients**  
TETİK Ş., AAHMAD S., ALTURFAN A. A., DİŞBUDAK M., ŞAHİN Y., AKSOY H., YARDIMCI K. T.  
Indian J Biochem Biophys, pp.353, 2010 (SCI-Expanded)
- VIII. **Erdosteine prevents colonic inflammation through its antioxidant and free radical scavenging activities**  
Sener G., Aksoy H., Sehirli O., Yucsel M., Aral C., Gedik N., Cetinel S., Yegen B. C.  
DIGESTIVE DISEASES AND SCIENCES, vol.52, no.9, pp.2122-2132, 2007 (SCI-Expanded)
- IX. **Spectrophotometric determination of acetaminophen and chlorzoxazone in tablets by multivariate calibration techniques**  
Dinc E., Ozdemir A., Onur F., Baleanu D., Aksoy H., Yucsesoy C.  
REVISTA DE CHIMIE, vol.57, no.4, pp.368-373, 2006 (SCI-Expanded)
- X. **Determination of guaifenesin and dextromethorphan in a cough syrup by HPLC with fluorometric detection**  
Ozdemir A., Aksoy H., Dinc E., Baleanu D., Dermis S.  
REVUE ROUMAINE DE CHIMIE, vol.51, no.2, pp.117-122, 2006 (SCI-Expanded)
- XI. **Chemometric approach to simultaneous chromatographic determination of paracetamol and chlorzoxazone in tablets and spiked human plasma**  
DİNÇ E., ÖZDEMİR A., AKSOY H., BALEANU D.  
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.29, no.12, pp.1803-1822, 2006 (SCI-Expanded)

## Articles Published in Other Journals

- I. **In silico investigation of wound healing potential of some compounds in tubers of *Asphodelus* species with GSK3- $\beta$  protein**  
AKSOY H., ŞEKERLER T., MERT N. M.  
Journal of Research in Pharmacy, vol.25, no.5, pp.747-754, 2021 (ESCI)
- II. **The Effect of Algan Hemostatic Agent (AHA) on Wound Healing**  
AKSOY H., ŞENER A., AKAKIN D., ŞEN A., BİNGÖL ÖZAKPINAR Ö., Ozcan S., Simsek A. K., ŞEKERLER T., Guzel S. E., Midi A.  
CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, vol.10, no.3, pp.279-284, 2020 (ESCI)
- III. **Evaluation of the Biological and Wound Healing Activities of *Centaurea virgata* Lam.**  
AKSOY H.  
CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, vol.10, no.3, pp.304-308, 2020 (ESCI)
- IV. **Wound healing and oxidative stress Yara iyileşmesi ve oksidatif stres**  
AKSOY H., BİNGÖL ÖZAKPINAR Ö.  
Marmara Pharmaceutical Journal, vol.18, no.3, pp.153-158, 2014 (ESCI)

**V. Evaluation of the Effect of Fibrin Glue Prepared from Single Donor Plasma on Wound Healing in Rats**

AKSOY H., RABUŞ Ş., URAS F., SAVCI N., ALATLI C., ERSEVEN G., EMEKLİ N.  
Hacettepe University Journal of Pharmacy, pp.83, 2009 (Peer-Reviewed Journal)

**Refereed Congress / Symposium Publications in Proceedings**

- I. **Askorbik asitin yara iyileşmesi üzerine etkisi**  
AKSOY H.  
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), 19 - 20 March 2020
- II. **Investigation of the effect of Algan hemostatic agent on wound healing in rats.**  
AKSOY H., ŞENER A., AKAKIN D., BİNGÖL ÖZAKPINAR Ö., ŞEN A., Özcan S., Şimşek A. K., ŞEKERLER T., Midi A.  
International Molecular Medicine Symposium by the Bosphorus, 16 - 18 May 2019
- III. **Investigation of the effect of chitosan on wound healing**  
AKSOY H.  
4th International Conference on New Trends in Chemometrics and Applications, 01 May 2019 - 04 May 2010
- IV. **Biomarkers based techniques for early diagnosis of Breast cancer**  
TETİK Ş., Diş E., ERDOĞAN N., AKSOY H., ERGÜN İ. S., ÇIRACI E., KIMİLOĞLU E.  
20th International Meeting of the Danubian League against Thrombosis and Homeostasis Disorders, 13 - 16 April 2019
- V. **Wound healing and effective factors**  
AKSOY H. Z.  
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, 26 - 29 April 2017
- VI. **Evaluation of biological activity of crude ethanol extract and fractions of Pulicaria dysenterica (L.) BERNH.**  
ŞEN A., Yıldırım B. G., BİNGÖL ÖZAKPINAR Ö., ŞEKERLER T., AKSOY H., DOĞAN A., BİTİŞ L.  
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, 26 - 29 April 2017
- VII. **Yara iyileşmesinde bal**  
AKSOY H.  
Ulusal Marmara Eczacılık Kongresi, Turkey, 3 - 05 November 2016
- VIII. **The importance of herbal treatment in wound healing**  
AKSOY H.  
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), 26 - 28 October 2016
- IX. **Effect of Horse chestnut Aesculus hippocastanum seed extract on matrix metalloproteinases during diabetic wound healing**  
ŞENER A., AKSOY H., ŞEKERLER T., ŞEN A., ÇEVİK Ö.  
41st febs congress Ephesus /kuşadası, Turkey, 3 - 08 September 2016
- X. **full length adiponectin protects platelet from activation and apoptosis**  
ŞENER A., nazlı gül a., doğan ö., ÇEVİK Ö., ÖZSAVCI D., AKSOY H., TURAN K.  
40th febskongress the biochemical basis of life berlin germany 2015, Germany, 4 - 09 July 2015
- XI. **wound healing activity of Cotinus coggygrus in diabetic rats**  
AKSOY H., ŞEN A., SANCAR M., AKAKIN D., BİTİŞ L., URAS F., KÜLTÜR Ş., İZZETTİN F. V.  
11th international symposium pharmaceutical sciences ankara 2015, Turkey, 9 - 12 June 2015
- XII. **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
- XIII. **Effect of melatonin on apoptosis markers in skin wound healing**  
ŞENER A., ÇEVİK Ö., doğan ö., altındiş n. g., AKSOY H. Z., OKUYAN B.  
International Society of Congress, 14th ISANH Congress on Oxidative stress Reduction, Redox Homeostasis and

Antioxidants, 13 June 2014

- XIV. **Effect of topical melatonin on apoptosis markers in skin wound healing**  
ŞENER A., ÇEVİK Ö., DOĞAN Ö., ALTINDIŞ N. G., AKSOY H. Z., OKUYAN B.  
14th ISANH Congress on 'Oxidative Stress Reduction, Redox Homeostasis and Antioxidants, 12 - 13 June 2014
- XV. **The Effects Of Cotinus Coggyriascop Ethanol Extract On Cutaneous Wound Healing In Rats**  
AKSOY H. Z., ŞEN A., SANCAR M., OKUYAN B., BİTİŞ L., URAS F., AKAKIN D., ÇEVİK Ö., KÜLTÜR Ş., İZZETTİN F. V.  
The 17th International Congress Phytopharm 2013, 8 - 10 July 2013
- XVI. **The effects of Cotinus coggyria Scop. ethanol extract on cutaneous wound healing in rats**  
AKSOY H., ŞEN A., SANCAR M., OKUYAN B., BİTİŞ L., URAS F., AKAKIN D., ÇEVİK Ö., KÜLTÜR Ş., İZZETTİN F. V.  
Phytopharm2013, 8 - 10 July 2013
- XVII. **Topikal melatonin uygulanmasının yara iyileşme sürecine ve oksidatif DNA hasarına etkisi**  
ŞENER A., ÇEVİK Ö., doğan ö., nazlı gül a., AKSOY H. Z., OKUYAN B., hikmet a.  
2. Ulusal Klinik Eczacılık Farmasötik Bakım Kongresi Antalya 2013, Turkey, 07 May 2013
- XVIII. **The biochemical assessment of the effectsof Nigella sativa oil on cutaneous wound healing in rats**  
AKSOY H. Z., RABUŞ Ş., SANCAR M., OKUYAN B., URAS F., İZZETTİN F. V.  
Third International Meeting on Pharmacy and Pharmaceutical Sciences Istanbul Turkey 2010, 09 June 2010
- XIX. **Role of the oxidant stress in patients with rheumatoid arthritis and primary osteoarthritis relevance to inflammation and cardiovascular risk s**  
TETİK Ş., ALTURFAN A. A., izzet f., murat d., şahin y., AKSOY H., nesrin e., türay y.  
Pathophysiology of Haemostasis and Thrombosis. Athens, Greece, 2008, 23 June 2008
- XX. **Alteration in apoptosis activation viability NO GSH protein pattern and lipid peroxidaxidation during storage of human platelet concentrates**  
GÖKER B., ÖZSAVCI D., ŞENER A., bağışgil v., yenikayademirel g., AKSOY H., URAS F.  
Clinical Chemistry. San Diego, California. 2007., 15 August 2007
- XXI. **Osteoartritli hasta plazmasında oksidasyona bağlı protein modifikasyonları**  
TETİK Ş., şahin y., dişbudak m., ersoy b., ALTURFAN A. A., kılıç a., AKSOY H., nesrin e., YARDIMCI K. T.  
7 . Ulusal Tromboz, Hemostaz ve Anjiyoloji Kongresi Adana turkiye 2007, Turkey, 08 August 2007
- XXII. **Plazmada chloramine T ile invitro protein oksidasyonu**  
TETİK Ş., kılıç a., AKSOY H., bingül c., YARDIMCI K. T.  
7 .Ulusal Tromboz Hemostaz ve Anjiyoloji Kongresi Adana turkiye 2007, Turkey, 08 July 2007
- XXIII. **Aferez yöntemiyle elde edilen trombosit süspansiyonlarında zamana bağlı apoptosis canlılık aktivasyon protein NO GSH ve lipid peroksidasyonundaki değişiml**  
GÖKER B., ÖZSAVCI D., ŞENER A., vedat b., gülderen y., AKSOY H., URAS F., YARDIMCI K. T.  
7 .Ulusal Tromboz Hemostaz ve Anjiyoloji Kongresi Adana turkiye 2007, Turkey, 08 July 2007
- XXIV. **Romatoid artritli hasta plazmasında oksidasyona bağlı protein modifikasyonları**  
TETİK Ş., ersoy b., dişbudak m., şahin y., ALTURFAN A. A., kılıç a., AKSOY H., nesrin e., YARDIMCI K. T.  
7 . Ulusal Tromboz, Hemostaz ve Anjiyoloji kongresi Adana turkiye 2007, Turkey, 08 July 2007
- XXV. **Trombosit protein dağılımlarının agregasyon öncesi ve agregasyon sonrası 2 boyutlu poliakrilamid jel elektroforezinde incelenmesi**  
gül n., TETİK Ş., ŞENER A., AKSOY H., URAS F., YARDIMCI K. T.  
6 . Ulusal Tromboz Hemostaz ve Anjiyoloji Kongresi İzmir turkiye 2006, Turkey, 08 September 2006
- XXVI. **Trinitrobenzen sülfonik asit TNBS ile oluşturulan deneysel kolite erdosteinin koruyucu etkileri**  
ŞENER G., AKSOY H., ŞEHİRLİ A. Ö., yüksel m., ARAL C., nursel g., ÇETİNEL Ş., berrak y.  
23. Ulusal Gastroenteroloji Kongresi.İstanbul turkiye 2006, Turkey, 08 August 2006
- XXVII. **Resolution of bovine plasma Gla proteins by two dimensional gel electrophoresis**  
URAS F., gürbüz u., AKSOY H., YARDIMCI K. T.  
T.The Febs journal, Istanbul, Turkey,2006, 05 June 2006
- XXVIII. **A new silicon Based root canal sealer H Aksoy G Erseven**  
GENÇOĞLU N., TÜRKMEN C., AKSOY H., gülçin e.  
The official publication of the international association for dental research vol.80 number. 4,USA 2001, 13 December 2001

## XXIX. Human plasma derived adhesive a test on incisions in rats

AKSOY H., YARAT A., nejat s., gülçin e., nesrin e.

XIII.th meeting of the international society of haematology İstanbul- turkiye 1995, 07 June 1995

## Supported Projects

Aksoy H., Tınaz G., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Kronik yaraların tedavisi için anti-bakteriyel ve anti-biyofilm özellikte doğal polimer ve bitkisel etken madde içeren nanofiber yerli yara örtüsü üretimi, 2021 - 2023

Şen A., Aksoy H., Project Supported by Higher Education Institutions, Asphodelus aestivus Brot. Bitkisinin in vitro in vivo yara iyi edici etkisinin incelenmesi, 2017 - 2021

Aksoy H., Project Supported by Higher Education Institutions, Diyabetli Hayvanlarda Cotinus Coggyrialı Merhemin Yara İyileştirici Etkisi SAG A 030114 0004, 2014 - 2016

Şen A., Aksoy H., AKAKIN D., Project Supported by Higher Education Institutions, Cotinus coggyria Scop Etanol Ekstresinden Hazırlanan Merhemin Deney Hayvanlarında Yara İyileştirici Etkisinin İncelenmesi, 2011 - 2012

Aksoy H., Project Supported by Higher Education Institutions, Nigella sativa yağının deney hayvanlarında yara iyileşmesinin etkisinin biyokimyasal yönden incelenmesi, 2008 - 2009

## Metrics

Publication: 45

Citation (WoS): 97

Citation (Scopus): 192

H-Index (WoS): 6

H-Index (Scopus): 6