

## Prof. COŞKUN SILAN

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: C-3984-2016

ScopusID: 15760777900

Yoksis Researcher ID: 21278

### Education Information

Expertise In Medicine, Istanbul University, Tıp Fak, Farmakoloji, Turkey 1994 - 1997

Undergraduate, Ege University, Tıp Fak, Turkey 1983 - 1989

### Certificates, Courses and Trainings

Health&Medicine, Ultra Yüksek Performanslı Likit Kromatografi Kolonlar ve İleri Uygulama Teknikleri Semineri, Schimatzu Cop., 2011

Health&Medicine, İyi Klinik Uygulamalar Kursu, Roche Klinik Araştırmalar Okulu, 2008

Health&Medicine, Klinik araştırmalarda etik yaklaşım Kursu, Sağlık Bakanlığı, 2008

Health&Medicine, Deney hayvanları Kullanım Kursu-III, Adnan Menderes Üniversitesi Tıp Fakültesi, 2006

Health&Medicine, Ulusal Toksikoloji ve Klinik Toksikoloji Sempozyumu, Dokuz Eylül Üniversitesi, 2003

Health&Medicine, Training Course On Rational Pharmacotherapy Teaching, Sağlık Bakanlığı, 2002

Health&Medicine, Tıpta Araştırma ve Veri Analizi Yöntemleri, Biyoistatistik AD, 2001

Health&Medicine, European Clinical Pharmacology Summer School, Clinical Pharmacology Society, 2001

Health&Medicine, Monitörlük Sertifika Kursu, Türk Farmakoloji Derneği, 2001

Quality Management, Laboratuvarlarda kalite Yönetimi, Türk Standartları Enstitüsü, 1999

Quality Management, Kalite Güvencesi ve Yönetimi, Türk Standartları Enstitüsü, 1998

Health&Medicine, Gas Kromatografi, Gas Kromatografi-Mass Spektrometre, Tetra Teknolojik Sistemler,, 1998

Health&Medicine, Biyosinyal 96 Yaz Okulu, Ege Üniversitesi Tıp Fakültesi, 1996

### Dissertations

Expertise In Medicine, İzole perfüze sıçan pulmoner damar yatağında serotonin oluşturduğu bifazik vasokonstriktör etkinin mekanizması , Istanbul University, Dahili Tıp Bilimleri, Farmakoloji, 1997

### Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Medicine Education, Internal Medicine Sciences, Pharmacology and Clinical Pharmacology, Medical Pharmacology and Toxicology, Medical Genetics, Pharmacology and Therapeutics,

Professional Sciences, Pharmacology, Pharmaceutical Toxicology, Pharmaceutical Chemistry, Life Sciences, Biotechnology, Biomaterial, Natural Sciences

## Academic Titles / Tasks

Professor, Canakkale Onsekiz Mart University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2019 - Continues  
Associate Professor, Canakkale Onsekiz Mart University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2012 - 2019  
Associate Professor, Tulane University, Medical Fac., Biochemistry, 2013 - 2013  
Assistant Professor, Canakkale Onsekiz Mart University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2008 - 2012  
Assistant Professor, Duzce University, School Of Medicine, Dahili Tıp Bilimleri, 2006 - 2008  
Assistant Professor, Abant İzzet Baysal Üniversitesi, Tıp Fakültesi, Dahili Tıp Bilimleri, 1999 - 2006  
Research Assistant, Istanbul University, Tıp Fakültesi, Dahili Tıp Bilimleri, 1994 - 1997

## Academic and Administrative Experience

Head of Department, Canakkale Onsekiz Mart University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2018 - Continues  
Deputy Director of Research Institute, Canakkale Onsekiz Mart University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2015 - Continues  
Canakkale Onsekiz Mart University, Rektörlük, 2010 - 2013  
Canakkale Onsekiz Mart University, Tıp Fakültesi, Dahili Bilimler, 2008 - 2009  
Duzce University, Tıp Fakültesi, Dahili Bilimler, 2006 - 2008  
Abant İzzet Baysal Üniversitesi, Tıp Fakültesi, Dahili Bilimler, 1999 - 2006  
Abant İzzet Baysal Üniversitesi, Tıp Fakültesi, 2000 - 2000

## Courses

Farmakoloji, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013  
Farmakoloji, Undergraduate, 2015 - 2016  
Farmakoloji, Undergraduate, 2015 - 2016  
Farmakoloji, Expertise In Medicine, 2013 - 2014  
Uzmanlık Alan dersi, Expertise In Medicine, 2013 - 2014  
Tez Danışmanlığı, Expertise In Medicine, 2013 - 2014  
Farmakoloji, Undergraduate, 2013 - 2014  
Farmakoloji, Associate Degree, 2012 - 2013  
Farmakoloji, Undergraduate, 2011 - 2012  
Tez Çalışması, Expertise In Medicine, 2012 - 2013

## Advising Theses

Sılan C., TUZ YÜKLEMESİ VE EGZERSİZİN SIÇANLARDA SU-TUZDENGESİ VE KAN BASINCI ÜZERİNE ETKİLERİ, Expertise In Medicine, B.GÜNGÖR(Student), 2014  
SILAN C., Lavandula stoechas Esansiyel Yağının Farelerdeki Akut Toksik Etkileri ve Epileptik Etkinin Antiepileptik İlaçlarla Etkileşimi, Postgraduate, U.Topçu(Student), 2008  
SILAN C., Siçanlarda Oluşturulan Gentamisin Nefrotoksitesinde Resveratrol ve E Vitamininin Protpektif Etkilerinin Karşılaştırılması, Postgraduate, S.Bedirhan(Student), 2005

## Jury Memberships

- Doctorate, Tez Savunma Jürisi,, Ege Üniversitesi, Fen Bilimleri Enstitüsü, July, 2015
- Post Graduate, Bilim Sınavı , Çanakkale Onsekiz Mart Üniversitesi Sağlık Bilimleri Enstitüsü, June, 2015
- Competence In Art, Yüksek Lisans Bilim Sınavı Jüri Üyeliği, Çanakkale Onsekiz Mart Ün. Sağlık Bilimleri Enstitüsü, June, 2014
- Expertise In Medicine, Uzmanlık Sınav Jürisi, Çanakkale Onsekiz Mart Üniversitesi Tıp Fakültesi Farmakoloji, March, 2014
- Expertise In Medicine, Uzmanlık Sınav Jürisi, Çanakkale Onsekiz Mart Üniversitesi Tıp Fakültesi Farmakoloji, February, 2014
- Doctorate, Ertuğrul, Çanakkale Onsekiz Mart Üniversitesi Fen Bilimleri Enstitüsü, July, 2013
- Doctorate, Tez Savunma Jürisi,, Çanakkale Onsekiz Mart Üniversitesi Fen Bilimleri Enstitüsü, February, 2012
- Expertise In Medicine, Uzmanlık Sınav Jürisi, Abant İzzet Baysal Üniversitesi, Tıp Fakültesi, May, 2010
- Post Graduate, Yüksek Lisans Bilim Sınavı Jüri Üyeliği, Düzce Üniversitesi, Sağlık Bilimleri Enstitüsü, January, 2008
- Post Graduate, Yüksek Lisans Bilim Sınavı Jüri Üyeliği, Düzce Üniversitesi, Sağlık Bilimleri Enstitüsü, January, 2008
- Post Graduate, Yüksek Lisans Bilim Sınavı Jüri Üyeliği, Abant İzzet Baysal Üniversitesi, Sağlık Bilimleri Enstitüsü, January, 2007
- Post Graduate, Yüksek Lisans Bilim Sınavı Jüri Üyeliği, Abant İzzet Baysal Üniversitesi, Sağlık Bilimleri Enstitüsü, January, 2005

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

- I. **Titanium platelet-rich fibrin (T-PRF) as high-capacity doxycycline delivery system**  
Ercan E., Suner S. C., Silan C., Yılmaz S., Sıddıkoğlu D., Şahiner N., Tunali M.  
Clinical Oral Investigations, vol.26, no.8, pp.5429-5438, 2022 (SCI-Expanded)
- II. **Graphene oxide embedded P(AAm)/PANI cryogel polymer composites for sensor application against pesticide, nitro compound, and organic dyes**  
DEMIRCI S., SILAN C., ŞAHİNER N.  
Journal of Macromolecular Science, Part A: Pure and Applied Chemistry, vol.56, no.11, pp.994-1003, 2019 (SCI-Expanded)
- III. **Blau syndrome with a rare mutation in exon 9 of NOD2 gene**  
Velickovic J., SILAN F., Bir F. D., SILAN C., ALBUZ B., ÖZDEMİR Ö.  
AUTOIMMUNITY, vol.52, pp.256-263, 2019 (SCI-Expanded)
- IV. **Nitrogen and Sulfur Doped Carbon Dots from Amino Acids for Potential Biomedical Applications**  
ŞAHİNER N., Suner S., ŞAHİNER M., SILAN C.  
JOURNAL OF FLUORESCENCE, vol.29, no.5, pp.1191-1200, 2019 (SCI-Expanded)
- V. **Attenuation of partial unilateral ureteral obstruction - induced renal damage with hyperbaric oxygen therapy in a rat model**  
SANCAK E. B., Tan Y. Z., Turkon H., SILAN C.  
INTERNATIONAL BRAZ J UROL, vol.43, no.5, pp.946-956, 2017 (SCI-Expanded)
- VI. **Resveratrol did not alter blood pressure in rats with nitric oxide synthase-inhibited hypertension**  
Aydin M., Gungor B., Akdur A. S., Aksulu H. E., SILAN C., Susam I., Cabuk A. K., Cabuk G.  
Cardiovascular Journal of Africa, vol.28, no.3, pp.141-146, 2017 (SCI-Expanded)
- VII. **Possible association between germline methylenetetrahydrofolate reductase gene polymorphisms and psoriasis risk in a Turkish population**  
KILIÇ S., ÖZDEMİR Ö., SILAN F., IŞIK S., YILDIZ Ö., KARAAGACLI D., SILAN C., OGRETMEN Z.  
Clinical and Experimental Dermatology, vol.42, no.1, pp.8-13, 2017 (SCI-Expanded)
- VIII. **P(TA) macro-, micro-, nanoparticle-embedded super porous p(HEMA) cryogels as wound dressing material**  
ŞAHİNER N., Sagbas S., Sahiner M., SILAN C.  
Materials Science and Engineering C, vol.70, pp.317-326, 2017 (SCI-Expanded)

- IX. **Inherently antioxidant and antimicrobial tannic acid release from poly(tannic acid) nanoparticles with controllable degradability**  
ŞAHİNER N., Sagbas S., Aktaş N., SILAN C.  
Colloids and Surfaces B: Biointerfaces, vol.142, pp.334-343, 2016 (SCI-Expanded)
- X. **The CYP4502D6\*4 and\*6 alleles are the molecular genetic markers for drug response: implications in colchicine non-responder FMF patients**  
Yalcintepe S., ÖZDEMİR Ö., SILAN C., Ozen F., ULUDAĞ A., CANDAN F., SILAN F.  
EUROPEAN JOURNAL OF DRUG METABOLISM AND PHARMACOKINETICS, vol.41, no.3, pp.281-286, 2016 (SCI-Expanded)
- XI. **Protective effect of syringic acid on kidney ischemia-reperfusion injury**  
SANCAK E. B., Akbas A., SILAN C., Cakir D. U., Turkon H., ÖZKANLI S. Ş.  
RENAL FAILURE, vol.38, no.4, pp.629-635, 2016 (SCI-Expanded)
- XII. **Biocompatible and biodegradable poly(Tannic Acid) hydrogel with antimicrobial and antioxidant properties**  
ŞAHİNER N., Sağbaş S., Sahiner M., SILAN C., Aktaş N., Turk M.  
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.82, pp.150-159, 2016 (SCI-Expanded)
- XIII. **Renoprotective Effect of Humic Acid on Renal Ischemia-Reperfusion Injury: An Experimental Study in Rats**  
Akbas A., SILAN C., GÜLPINAR M. T., SANCAK E. B., ÖZKANLI S. Ş., Cakir D. U.  
INFLAMMATION, vol.38, no.6, pp.2042-2048, 2015 (SCI-Expanded)
- XIV. **Renoprotective Effect of Humic Acid on Renal Ischemia-Reperfusion Injury: An Experimental Study in Rats.**  
AKBAŞ A., SILAN C., GÜLPINAR M. T., SANCAK E. B., ÖZKANLI S. S., ÜLKER ÇAKIR D.  
INFLAMMATION, vol.38, no.6, pp.2042-8, 2015 (SCI-Expanded)
- XV. **Changes of the Renal Dopaminergic Activity during the Hypertension Generation with L-NNA Application and Salt Load in Rats**  
Aksulu H. E., SILAN C., Gungor B., AKDUR S.  
ACTA PHYSIOLOGICA, vol.215, pp.77-78, 2015 (SCI-Expanded)
- XVI. **Buthionine Sulfoximine (BSO) Applications Decrease Sodium Clearance and Cause to the Development of the Hypertension in Rats Treated with Low Doses of N-Nitro-L-Arginine (L-NNA)**  
Aksulu H. E., SILAN C., Gungor B., AKDUR S.  
ACTA PHYSIOLOGICA, vol.215, pp.73, 2015 (SCI-Expanded)
- XVII. **Benserazide Applications Cause to the Hypertension in Salt Loaded Rats**  
Aksulu H. E., AKDUR S., Gungor B., SILAN C.  
ACTA PHYSIOLOGICA, vol.215, pp.78, 2015 (SCI-Expanded)
- XVIII. **Effects of Resveratrol on Hypertension Developing by NOS inhibition**  
Aksulu H. E., SILAN C., Gungor B., AKDUR S.  
ACTA PHYSIOLOGICA, vol.215, pp.77, 2015 (SCI-Expanded)
- XIX. **Intensive Exercise Develops Hypertension in Rats Fed with High Salty Diet**  
SILAN C., GUNGOR B., AKDUR S., Aksulu H. E.  
ACTA PHYSIOLOGICA, vol.215, pp.73, 2015 (SCI-Expanded)
- XX. **The Neuroprotective Effect of Glycyrrhizic Acid on an Experimental Model of Focal Cerebral Ischemia in Rats**  
AKMAN T., Guven M., ARAS A. B., Ozkan A., Sen H. M., Okuyucu A., KALKAN Y., SEHITOGLU I., SILAN C., Cosar M.  
INFLAMMATION, vol.38, no.4, pp.1581-1588, 2015 (SCI-Expanded)
- XXI. **Effects of Tannic Acid on the Ischemic Brain Tissue of Rats**  
Sen H. M., Ozkan A., Guven M., AKMAN T., ARAS A. B., SEHITOGLU I., Alacam H., SILAN C., Cosar M., KARAMAN H. I. O.  
INFLAMMATION, vol.38, no.4, pp.1624-1630, 2015 (SCI-Expanded)
- XXII. **Genistein Exerts Neuroprotective Effect on Focal Cerebral Ischemia Injury in Rats**  
ARAS A. B., Guven M., AKMAN T., Alacam H., KALKAN Y., SILAN C., Cosar M.  
INFLAMMATION, vol.38, no.3, pp.1311-1321, 2015 (SCI-Expanded)

- XXIII. **Neuroprotective effect of p-coumaric acid in rat model of embolic cerebral ischemia**  
Güven M., ARAS A. B., AKMAN T., Sen H. M., ÖZKAN A., Salis O., SEHİTOĞLU I., KALKAN Y., SILAN C., Deniz M., et al.  
IRANIAN JOURNAL OF BASIC MEDICAL SCIENCES, vol.18, no.4, pp.356-363, 2015 (SCI-Expanded)
- XXIV. **Neuroprotective Effect of Humic Acid on Focal Cerebral Ischemia Injury: an Experimental Study in Rats**  
ÖZKAN A., Sen H. M., SEHİTOĞLU I., Alacam H., Güven M., ARAS A. B., AKMAN T., SILAN C., Cosar M., Karaman H. I. O.  
INFLAMMATION, vol.38, no.1, pp.32-39, 2015 (SCI-Expanded)
- XXV. **The CYP4502D6 \*4 and \*6 alleles are the molecular genetic markers for drug response: implications in colchicine non-responder FMF patients.**  
YALÇINTEPE S., ÖZDEMİR Ö., SILAN C., ÖZEN F., ULUDAĞ A., CANDAN F., SILAN F.  
EUROPEAN JOURNAL OF DRUG METABOLISM AND PHARMACOKINETICS, no.3, pp.1, 2015 (SCI-Expanded)
- XXVI. **Neuroprotective effects of daidzein on focal cerebral ischemia injury in rats**  
ARAS A. B., Güven M., AKMAN T., ÖZKAN A., Sen H. M., DUZ U., KALKAN Y., SILAN C., Cosar M.  
NEURAL REGENERATION RESEARCH, vol.10, no.1, pp.146-152, 2015 (SCI-Expanded)
- XXVII. **The Role of G(i) and G(s) Proteins in Hypoxic Vasoconstriction of Lamb Isolated Pulmonary Artery Rings**  
Erbaş M., Balbay O., Uzun O., Gülec Balbay E., SILAN C.  
KAFKAS UNIVERSİTESİ VETERİNER FAKÜLTESİ DERGİSİ, vol.20, no.2, pp.279-285, 2014 (SCI-Expanded)
- XXVIII. **Relationship Between Response to Colchicine Treatment and MDR1 Polymorphism in Familial Mediterranean Fever Patients**  
ULUDAĞ A., SILAN C., Atik S., Akurut C., Uludag A., SILAN F., ÖZDEMİR Ö.  
GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.18, no.2, pp.73-76, 2014 (SCI-Expanded)
- XXIX. **EFFECTS OF CYP2C19 AND P2Y12 GENE POLYMORPHISMS ON CLINICAL RESULTS OF PATIENTS USING CLOPIDOGREL AFTER ACUTE ISCHEMIC CEREBROVASCULAR DISEASE**  
Sen H. M., SILAN F., SILAN C., Degirmenci Y., Kamaran O. H.  
BALKAN JOURNAL OF MEDICAL GENETICS, vol.17, no.2, pp.37-41, 2014 (SCI-Expanded)
- XXX. **Pyrrrolidine dithiocarbamate attenuates the development of monocrotaline-induced pulmonary arterial hypertension**  
Yavuz T., Uzun O., Macit A., Comunoglu C., Yavuz O., SILAN C., Yüksel H., Yildirim H. A.  
PATHOLOGY RESEARCH AND PRACTICE, vol.209, no.5, pp.302-308, 2013 (SCI-Expanded)
- XXXI. **The prevalence of VKORC1 1639 G > A and CYP2C9\*2\*3 genotypes in patients that requiring anticoagulant therapy in Turkish population**  
SILAN C., DOĞAN Ö. T., Silan F., Kukulguven F. M., AŞGÜN H. F., Ozdemir S., ULUDAĞ A., Atik S., Gungor B., AKDUR S., et al.  
MOLECULAR BIOLOGY REPORTS, vol.39, no.12, pp.11017-11022, 2012 (SCI-Expanded)
- XXXII. **Porous and modified HA particles as potential drug delivery systems**  
ŞAHİNER N., SILAN C., SAĞBAŞ S., İLGİN P., BÜTÜN S., ERDUĞAN H., Ayyala R. S.  
MICROPOROUS AND MESOPOROUS MATERIALS, vol.155, pp.124-130, 2012 (SCI-Expanded)
- XXXIII. **Novel hydrogel particles and their IPN films as drug delivery systems with antibacterial properties**  
SILAN C., AKÇALI A., Otkun M. T., Ozbey N., Butun S., ÖZAY Ö., ŞAHİNER N.  
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.89, pp.248-253, 2012 (SCI-Expanded)
- XXXIV. **Combined Effect of Factor V Leiden, MTHFR, and Angiotensin-Converting Enzyme (Insertion/Deletion) Gene Mutations in Hypertensive Adult Individuals: A Population-Based Study from Sivas and Canakkale, Turkey**  
DEMİREL Y., Dogan S., ULUDAĞ A., SILAN C., Atik S., SILAN F., ÖZDEMİR Ö.  
GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.15, no.11, pp.785-791, 2011 (SCI-Expanded)
- XXXV. **Hydrogel templated CdS quantum dots synthesis and their characterization**  
ŞAHİNER N., SEL K., Meral K., ONGANER Y., Butun S., ÖZAY Ö., SILAN C.  
COLLOIDS AND SURFACES A-PHYSICO-CHEMICAL AND ENGINEERING ASPECTS, vol.389, pp.6-11, 2011 (SCI-Expanded)
- XXXVI. **Association between ABCB1 (MDR1) Gene 3435 C > T Polymorphism and Colchicine**

### **Unresponsiveness of FMF Patients**

Ozen F., SILAN C., ULUDAĞ A., CANDAN F., SILAN F., Ozdemir S., Atik S., ÖZDEMİR Ö.  
RENAL FAILURE, vol.33, no.9, pp.899-903, 2011 (SCI-Expanded)

- XXXVII. **GJB2 35delG and Mitochondrial A1555G Mutations and Etiology of Deafness at the Gelibolu School for the Deaf in Turkey**  
SILAN F., GÜÇLÜ Ö., KADIOĞLU L. E., SILAN C., ATIK S., ULUDAĞ A., DEMIRAY A., ÖZDEMİR Ö., Derekoy F. S.  
JOURNAL OF INTERNATIONAL ADVANCED OTOLOGY, vol.7, no.3, pp.361-371, 2011 (SCI-Expanded)
- XXXVIII. **Colloidal drug carries from (sub)micron hyaluronic acid hydrogel particles with tunable properties for biomedical applications**  
ILGIN P., AVCI G., SILAN C., EKİCİ S., Aktaş N., Ayyala R. S., JOHN V. T., ŞAHİNER N.  
CARBOHYDRATE POLYMERS, vol.82, no.3, pp.997-1003, 2010 (SCI-Expanded)
- XXXIX. **P(4-VP) based nanoparticles and composites with dual action as antimicrobial materials**  
Özay Ö., Akçalı A., Otkun M. T., Silan C., Aktaş N., Şahiner N.  
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.79, no.2, pp.460-466, 2010 (SCI-Expanded)
- XL. **COLL 490-Colloidal p(4-VP) particles and composites for biomedical application**  
ÖZAY Ö., Aktaş N., Dülger B., SILAN C., John V. T., ŞAHİNER N.  
ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, vol.238, 2009 (SCI-Expanded)
- XLI. **Effect of Resveratrol in Acute Hypoxic Pulmonary Vasoconstriction in Isolated Lamb Pulmonary Arteries and Veins**  
SILAN C., Kuscuoglu E., Uzun O., Balbay O.  
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.15, no.6, pp.841-845, 2009 (SCI-Expanded)
- XLII. **The effects of chronic resveratrol treatment on vascular responsiveness of streptozotocin-induced diabetic rats**  
Silan C.  
BIOLOGICAL & PHARMACEUTICAL BULLETIN, vol.31, no.5, pp.897-902, 2008 (SCI-Expanded)
- XLIII. **Gentamicin-induced nephrotoxicity in rats ameliorated and healing effects of resveratrol**  
Silan C., UZUN O., ÇOMUNOĞLU N., GOKCEN S., BEDIRHAN S., CENGİZ M.  
BIOLOGICAL & PHARMACEUTICAL BULLETIN, vol.30, no.1, pp.79-83, 2007 (SCI-Expanded)
- XLIV. **Hypobaric-hypoxia-induced pulmonary damage in rats ameliorated by antioxidant erdosteine**  
Uzun O., Balbay O., ÇOMUNOĞLU N., Yavuz O., Annakkaya A. N., Gueler S., Silan C., Erbas M., Arbak P.  
ACTA HISTOCHEMICA, vol.108, no.1, pp.59-68, 2006 (SCI-Expanded)

### **Articles Published in Other Journals**

- I. **An analysis of the impact of buthionine sulfoximine and N-nitro-L-arginine on blood pressure**  
Güngör B., Akdur S., Silan C., Coşkun Ö., Aksulu H. E.  
BIOMEDICAL RESEARCH AND THERAPY, vol.10, no.6, pp.5735-5743, 2023 (ESCI)
- II. **The effects of renal dopaminergic system on the development of hypertension with high salt diet and L-NNA administration**  
GÜNGÖR B., TEKEŞ E., SILAN C., AKDUR A. S., ÇAKIR D. Ü., EŞSİZOĞLU E., AKSULU H. E.  
International Archives of Medical Research, vol.15, no.1, pp.11-25, 2023 (Peer-Reviewed Journal)
- III. **THE EFFECTS OF HIGH SALT DIET AND EXERCISE ON THE WATER-SALT BALANCE AND BLOOD PRESSURE IN RATS**  
GÜNGÖR B., AKDUR A. S., SILAN C., AKSULU H. E., ŞAHİN O.  
Journal of Scientific Perspectives, vol.5, no.1, pp.55-69, 2021 (Peer-Reviewed Journal)
- IV. **THE SYNTHESIS OF SPHERICAL SHAPE AMINO FUNCTIONALIZED PEI-TGIC COVALENT ORGANIC FRAMEWORKS: SYNTHESIS, CHARACTERIZATION, AND METHYL ORANGE ABSORPTION**  
Demirci S., Silan C., Yılmaz S.  
Journal of Scientific Perspectives, vol.3, no.3, pp.165-176, 2019 (Peer-Reviewed Journal)
- V. **Agar/Chitosan IPN Thin Hydrogel Films with Antimicrobial and Antioxidant Properties for Potential**

## **Dressing Applications**

ŞAHİNER N., SAGBAS S., SILAN C., SAHİNER M., AKTAŞ N., TURK M.

Current Applied Polymer Science, vol.1, no.1, pp.52-62, 2017 (Peer-Reviewed Journal)

### **VI. Urtica dioica'nın fitokimyasal, farmakolojik ve toksikolojik etkileri**

SILAN C., Rahmanlar H.

A.İ.B.Ü. İzzet Baysal Tıp Fakültesi Dergisi, vol.1, pp.29-35, 2008 (Peer-Reviewed Journal)

### **VII. İzole sıçan pulmoner damar yatağında serotoninin neden olduğu bifazik etkinin mekanizması**

SILAN C., Küçük hüseyin C.

Düzce Tıp Fakültesi Dergisi, vol.1, pp.22-30, 2007 (Peer-Reviewed Journal)

### **VIII. Anestezik ilaçlar**

SILAN C.

Türkiye Klinikleri J. Int. Med. Sci, vol.1, pp.50-59, 2005 (Peer-Reviewed Journal)

### **IX. On the mechanisms of post-rest adaptation in the isolated electrically driven left atria of rats**

Küçük hüseyin C., Öncel H., SILAN C.

J. Basic Clin Physiol Pharmacol, vol.13, pp.263-288, 2002 (Peer-Reviewed Journal)

### **X. Renovascular actions of adenosine in the isolated perfused rat kidney: Possible underlying mechanisms**

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- IV. **Biyomedikal Uygulamalar İçin Aminoasit Esaslı Karbon Dotların Sentezi, Polietilenimin İle Modifikasyonu Ve Karakterizasyonu**  
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- VIII. **Rare disease or rare diagnosed diseases: Blau syndrome with a rare mutation in exon 9 of NOD2 gene from Canakkale**  
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- XII. **Microgels from xanthan gum and locust bean gum for potential biomedical applications**  
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- XIII. **Lead in Terms of Environmental Toxicology and Medical Pharmacology**  
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- XIV. **Attenuation of partial unilateral ureteral obstruction-induced renal damage with hyperbaric oxygen therapy in a rat model**  
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- XXVIII. **The relationship between germ line MTHFR C677T and A1298C polymorphisms and psoriasis**  
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- XXIX. **The Neuroprotective Effect of Glycyrrhizin on Experimental Model in Cerebral Ischemia**  
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- XXXI. **Preparation of biopolymeric particles from natural inulin**  
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- XLVI. A protective effect of pyrrolidine dithiocarbamate on monocrotaline induced pulmonary hypertension**  
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## Supported Projects

TEKEŞ E., GÜNGÖR B., COŞKUN Ö., SILAN C., Project Supported by Higher Education Institutions, Sıçanlarda Sisplatin Bağlı Nefrotoksisite Üzerinde Glisirizik Asidin Etkileri, 2022 - Continues

Sağbaş Suner S., Şahiner N., Silan C., Güngör B., Erdoğan H., Ünver Saraydın S., TÜBİTAK Project, Süperkritik Karbon Dioksit İle İlaç İmpregne Kontakt Lenslerin Hazırlanması Ve Keratit Tedavisinde Kullanımının Araştırılması, 2022 - 2024

GÜNGÖR B., ŞAHİNER M., ŞAHİNER N., DEMİRCİ Ş., SILAN C., Project Supported by Higher Education Institutions, PoliMaltodekstrin NanoMikrojellerinin Sentezi Karakterizasyonu ve Biyomedikal Uygulamaları, 2022 - 2024

Tunalı M., Ercan E., Şahiner N., Silan C., Yılmaz S., Project Supported by Higher Education Institutions, Investigation of the Use of Titanium Platelet-Rich Fibrin as a Local Drug Release Tool, 2021 - 2023

TEKEŞ E., İÇKİN GÜLEN M., SILAN C., GÜVEN BAĞLA A., Project Supported by Higher Education Institutions, Sıçanlarda Humik Asidin Sisplatin İle İndüklenen Nefrotoksisite Üzerindeki Etkileri, 2020 - 2022

SILAN C., ŞAHİNER N., Project Supported by Higher Education Institutions, Doğal moleküllerden hazırlanan floresan özelliklere sahip Karbon noktaların Cd dot hazırlanması ve biyomedikal alanda kullanılmasının araştırılması, 2018 - 2019

TOSUNOĞLU M., ŞAHİNER N., SILAN C., Project Supported by Higher Education Institutions, Biyopolimerik malzemelerin kan uyumluluklarının araştırılması, 2016 - 2017

SILAN C., SILAN F., ÖZDEMİR Ö., URFALI M., Project Supported by Higher Education Institutions, Ailesel Akdeniz Ateşi olan hastalarda kolşisin tedavi yanıtlarının Sitokrom P450 CYP2D6, CYP2A3 ve CYP2A4 polimorfizmleri ile arasındaki ilişkinin araştırılması, 2015 - 2017

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SILAN C., Project Supported by Higher Education Institutions, Tannik Asit esaslı hidrojenlerin hazırlanarak antioksidant ve antibakteriyel özelliklerinin belirlenmesi, 2014 - 2015

AKBAŞ A., GÜLPINAR M. T., SANCAK E. B., SILAN C., ÜLKER ÇAKIR D., Project Supported by Higher Education Institutions, Böbrek iskemisi reperfüzyon yapılan ratlarda hüyük asit kullanımının böbrek hasarının önlenmesine etkisi, 2013 - 2015

SILAN C., GÜNGÖR B., Project Supported by Higher Education Institutions, Tuz Yükleme ve Egzersiz Sıçanlarda Su - Tuz Dengesi ve Kan Basıncı Üzerine Etkileri, 2012 - 2014

ŞEN H. M., SILAN F., SILAN C., DEĞİRMENCİ Y., Project Supported by Higher Education Institutions, Sekonder inme profilaksisinde kopidogrel direncine yol açan P2Y12 ve CYP2C19 Gen polimorfizmlerinin incelenmesi, 2011 - 2014

SILAN C., AKSULU H. E., ÜLKER ÇAKIR D., GÜNGÖR B., AKDUR S., EŞİZOĞLU E., Project Supported by Higher Education Institutions, YÜKSEK TUZ DİYETİ VE N-NİTRO-L-ARGİNİN (L-NNA) UYGULAMASIYLA HİPERTANSİYON GELİŞMESİNDE RENAL DOPAMİNERJİK SİSTEMİN ETKİLERİ, 2010 - 2014

SILAN C., AKSILU H. E., EDREMİTLİOĞLU M., Project Supported by Higher Education Institutions, Resveratrolun NOS İnhibisyonu ile Oluşan Hipertansiyona Etkileri, 2010 - 2014

SILAN F., ZATERİ C., SILAN C., ÖĞRETMEN Z., Project Supported by Higher Education Institutions, FMF Hastalarında Kolşisin Tedavisine Yanıt ile MDR1 Polimorfizmleri Arasındaki İlişki, 2010 - 2013

AKSULU H. E., SILAN C., AKDUR A. S., Project Supported by Higher Education Institutions, Oksidatif Stresin NOS İnhibisyonu Aracılı Hipertansiyon Gelişimine Katkıları, 2010 - 2013

SILAN C., Project Supported by Higher Education Institutions, Gentamisin ile oluşturulan nefrotoksisitenin önlenmesinde urtica dioica'nın rolü, 2010 - 2013

## Activities in Scientific Journals

International archives of medical research, Committee Member, 2011 - Continues

## Memberships / Tasks in Scientific Organizations

Çanakkale Onsekiz Mart Üniversitesi Sağlık Uygulama ve Araştırma Hastanesi, Farmakovijilans kurulu, Chairman, 2011 - Continues

Çanakkale Onsekiz Mart Üniversitesi, İlaç Araştırmaları Etik Kurul, Member, 2011 - Continues

Çanakkale Onsekiz Mart Üniversitesi Sağlık Uygulama ve Araştırma Hastanesi, Akılcı İlaç Kullanımı Kurulu, Chairman, 2011 - Continues

Çanakkale Onsekiz Mart Üniversitesi Nanobilim ve Teknoloji Araştırma ve Uygulama Merkezi Yönetim Kurulu Üyeliği, Board Member, 2009 - Continues

Sağlık Bakanlığı, Türkiye İlaç ve Tıbbi Cihaz Kurumu, İlaç Biyolojik ve Tıbbi Ürünler Bölümü,, Member, 2012 - 2014

## Scientific Refereeing

JOURNAL OF TRADITIONAL AND COMPLEMENTARY MEDICINE, Journal Indexed in SCI-E, February 2023

TURKISH JOURNAL OF MEDICAL SCIENCES, SCI Journal, May 2015

Balkan Medical Journal, SCI Journal, May 2015

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World Journal of Biology and Biological Sciences, Other Indexed Journal, November 2014

Balkan Medical Journal, SCI Journal, November 2014  
International Journal of Clinical Research, Other Indexed Journal, February 2014  
TUBITAK Project, January 2014  
Agricultural Science Research Journal , Other Indexed Journal, September 2013  
Mediators of Inflammation, Other Indexed Journal, September 2011  
Saudi Journal of Biological Sciences , SCI Journal, June 2011  
Journal of Sexual Medicine, SCI Journal, October 2010  
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International Journal of Nutrition and Metabolism , Other Indexed Journal, April 2010  
Journal of Sexual Medicine, SCI Journal, March 2010  
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## **Metrics**

Publication: 110  
Citation (WoS): 1043  
Citation (Scopus): 1125  
H-Index (WoS): 18  
H-Index (Scopus): 19

## **Non Academic Experience**

Other Public Institution, T.C. Sağlık Bakanlığı, İlaç Biyolojik Ve Tıbbi Ürünler Bölümü, “Teknoloji-Farmakoloji Danışma Komisyonu-2”  
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Sağlık Bakanlığı İstanbul Hıfzıssıhha Enstitüsü  
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