

## Assoc. Prof. Selçuk ŞEN

### Personal Information

Office Phone: [+90 212 414 2240](tel:+902124142240) Extension: 32380

Office Phone: [+90 212 414 2000](tel:+902124142000) Extension: 32380

Fax Phone: [+90 212 414 2052](tel:+902124142052)

Email: [slcsen@istanbul.edu.tr](mailto:slcsen@istanbul.edu.tr)

Web: <http://aves.istanbul.edu.tr/slcsen/>

Address: İstanbul Tıp Fakültesi Temel Bilimler Binası Tıbbi Farmakoloji Anabilim Dalı Çapa-Fatih/İSTANBUL

### International Researcher IDs

ORCID: 0000-0001-7878-793X

Publons / Web Of Science ResearcherID: AAP-8038-2020

Yoksis Researcher ID: 168472

### Education Information

Expertise In Medicine, Istanbul University, Istanbul Medical Faculty, Tıbbi Farmakoloji Anabilim Dalı , Turkey 2008 - 2013

Undergraduate, Istanbul University, Istanbul Medical Faculty, Turkey 1999 - 2007

### Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Pharmacology and Clinical Pharmacology

### Academic Titles / Tasks

Assistant Professor, Istanbul University, Istanbul Medical Faculty, Division of Medical Sciences , 2019 - Continues

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

- I. **Vitamin B12 deficiency in pregnantwomen**  
ŞEN S.  
LANCET, no.10435, pp.1449-1450, 2024 (SCI-Expanded)
- II. **Evaluation of Stress Response in Middle-Aged Male Diabetic Hypertensive Patients**  
Alloqi Tahirbegolli I., Tahirbegolli B., Şen S., Sayın B., Kaşkal M., Üresin A. Y.  
JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM, vol.108, no.9, pp.2307-2314, 2023 (SCI-Expanded)
- III. **Comparison of bleeding risk between standard ticagrelor and prasugrel therapies without de-escalation strategy**  
ŞEN S.  
EUROPEAN HEART JOURNAL, no.32, pp.3100-3101, 2023 (SCI-Expanded)
- IV. **Contextualising adverse events of special interest to characterise the baseline incidence rates in 24 million patients with COVID-19 across 26 databases: a multinational retrospective cohort study**  
Voss E. A., Shoaibi A., Yin Hui Lai L., Blacketer C., Alshammari T., Makadia R., Haynes K., Sena A. G., Rao G., van Sandijk S., et al.  
ECLINICALMEDICINE, vol.58, 2023 (SCI-Expanded)

- V. **Evaluation of Risk Factors Associated With Antihypertensive Treatment Success Employing Data Mining Techniques**  
Şen S., Demirkol D., KAŞKAL M., GEZER M., Bucak A. Y., Gürel N., Selalmaz Y., EROL Ç., Üresin A. Y.  
JOURNAL OF CARDIOVASCULAR PHARMACOLOGY AND THERAPEUTICS, vol.27, 2022 (SCI-Expanded)
- VI. **How COVID-19 changed clinical research strategies: a global survey**  
Bauer A., Eskat A., Ntekim A., Wong C., Eberle D., Hedayati E., Tay F., Yau H., Stockley L., Redondo M. d. M., et al.  
JOURNAL OF INTERNATIONAL MEDICAL RESEARCH, vol.50, no.4, 2022 (SCI-Expanded)
- VII. **Cost-Effectiveness Analysis of the Triclip (TM) Transcatheter Tricuspid Valve Repair System in Patients with Tricuspid Regurgitation**  
Kurnaz M., Okcun S., Kahveci G., Sen S., Kockaya G.  
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.26, no.3, pp.198-209, 2022 (SCI-Expanded)
- VIII. **Colchicine for cardiovascular therapy: A drug interaction perspective and a safety meta-analysis**  
ŞEN S., KARAHAN E., BÜYÜKULAŞ C., POLAT Y. O., ÜRESİN A. Y.  
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.25, no.11, pp.753-762, 2021 (SCI-Expanded)
- IX. **COMPARISON OF CLINICAL AND ECONOMICAL OUTCOMES OF ALTERNATIVE IMAGING METHODS IN TURKEY**  
Kockaya G., ŞEN S., Oguzhan G., ÇALIŞKAN Z., Calli C., ERTÜRK Ş. M.  
VALUE IN HEALTH, vol.23, 2020 (SCI-Expanded)
- X. **Chrono-pharmacological effects of antihypertensive drugs**  
Şen S., Kaşkal M., Uresin Y.  
EUROPEAN HEART JOURNAL, vol.41, no.16, pp.1601, 2020 (SCI-Expanded)
- XI. **Legal and ethical framework for global health information and biospecimen exchange-an international perspective**  
Bernasconi L., Sen S., Angerame L., Balyegisawa A. P., Hui D. H. Y., Hotter M., Hsu C. Y., Ito T., Jorger F., Krassnitzer W., et al.  
BMC MEDICAL ETHICS, vol.21, no.1, 2020 (SCI-Expanded)
- XII. **Efficacy and Safety of S-Amlodipine 2.5 and 5 mg/d in Hypertensive Patients Who Were Treatment-Naive or Previously Received Antihypertensive Monotherapy**  
Sen S., Demir M., Yigit Z., Uresin A. Y.  
JOURNAL OF CARDIOVASCULAR PHARMACOLOGY AND THERAPEUTICS, vol.23, no.4, pp.318-328, 2018 (SCI-Expanded)
- XIII. **EVALUATING THE RELATIONSHIP OF BLOOD PRESSURE, PLASMA ANGIOTENSIN PEPTIDES AND ALDOSTERONE WITH COGNITIVE FUNCTIONS IN PATIENTS WITH HYPERTENSION**  
Sen S., Gurel N., Ufuktepe B., Ozunal Z. G., Buyuklu C., Uresin Y.  
EXCLI JOURNAL, vol.16, pp.245-255, 2017 (SCI-Expanded)
- XIV. **RENIN INHIBITORS IN DIABETES AND HYPERTENSION: AN UPDATE**  
Sen S., Ufuktepe B., Ozunal Z. G., Uresin Y.  
EXCLI JOURNAL, vol.13, pp.1111-1119, 2014 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Drug-Drug Interactions and Their Association With Quality of Life in Patients With Hypertension**  
Gurel N., ÜRESİN A. Y., ŞEN S.  
CUREUS JOURNAL OF MEDICAL SCIENCE, no.3, 2024 (ESCI)
- II. **Association Between Dipeptidyl Peptidase-4 Inhibitor Use and Cognitive Functions, BrainDerived Neurotrophic Factor, and Pentraxin-3 Levels in Patients With Type 2 Diabetes**  
Demirkilic O., Eski I., Oeztuerk E. c., Yasun O., AYDIN B., BİRKAN C., Oezsoy A., ŞEN S.  
CUREUS JOURNAL OF MEDICAL SCIENCE, no.2, 2024 (ESCI)
- III. **Comparing the Neuroprotective Effects of Telmisartan, Perindopril, and Nebivolol Against Lipopolysaccharide- Induced Injury in Neuron-Like Cells**

Şen S., Haciosmanoğlu E.

CUREUS JOURNAL OF MEDICAL SCIENCE, no.7, 2022 (ESCI)

- IV. **Determining the impact of vitamin C use with the common cold on loss of labour and medical treatment costs for Turkey**  
Oguzhan G., Okcun S., Kurnaz M., Kockaya G., ŞEN S., Kaplan B. K., Saylan I. M.  
JOURNAL OF PHARMACEUTICAL HEALTH SERVICES RESEARCH, vol.12, no.4, pp.514-522, 2021 (ESCI)
- V. **COVID-19 and RAAS blockers: Could Aliskiren be an appropriate option?**  
Sen S., Uresin A. Y.  
TURK KARDIYOLOJİ DERNEĞİ ARSIVI-ARCHIVES OF THE TURKISH SOCIETY OF CARDIOLOGY, vol.48, no.7, pp.631-634, 2020 (Peer-Reviewed Journal)
- VI. **THE CLINICAL TRIALS LANDSCAPE IN TURKEY: AN EVALUATION OF THE ClinicalTrials.gov DATABASE**  
Şen S.  
JOURNAL OF ISTANBUL FACULTY OF MEDICINE-ISTANBUL TIP FAKULTESİ DERGİSİ, vol.83, no.3, pp.280-285, 2020 (Peer-Reviewed Journal)
- VII. **Renin-angiotensin system in stress response and the effect of chronic exercise in healthy volunteers**  
Ozunal Z. G., Sabırlı S., Şen S., Karamürsel S., Ömer B., Yıldız S., Üresin A. Y.  
Annals of Medical Research, vol.27, no.4, pp.988-992, 2020 (Peer-Reviewed Journal)
- VIII. **The drug adherence and lifestyle factors that contribute to blood pressure control among hypertensive patients**  
Özünel Z. G., Tahirbegolli I. A., Baykal M., Ateş B., Tahirbegolli B., Kılıç Y., ŞEN S., Üresin A. Y.  
THE EUROPEAN RESEARCH JOURNAL, vol.5, no.5, pp.853-860, 2019 (Peer-Reviewed Journal)
- IX. **Dislipidemi ve Pitavastatin**  
ÜRESİN A. Y., ŞEN S.  
Klinik Aktüel Tıp İç Hastalıkları Forumu, pp.40-46, 2018 (Non Peer-Reviewed Journal)
- X. **Vadi Tepe Oranı mı? Yarılanma Ömrü mü?**  
ÜRESİN A. Y., ŞEN S.  
Medilog Tıp Günlüğü Hipertansiyon Özel Sayı, no.2, pp.46-48, 2015 (Non Peer-Reviewed Journal)
- XI. **Aliskiren: review of efficacy and safety data with focus on past and recent clinical trials**  
Şen S., Sabırlı S., Özyiğit T., Uresin Y.  
THERAPEUTIC ADVANCES IN CHRONIC DISEASE, vol.4, no.5, pp.232-241, 2013 (Peer-Reviewed Journal)
- XII. **Pharmacological properties and clinical use of candesartan: Review Kandesartanın farmakolojik özellikleri ve klinik kullanımı**  
Üresin A. Y., Şen S.  
Türkiye Klinikleri Cardiovascular Sciences, vol.24, no.2, pp.134-140, 2012 (Scopus)
- XIII. **The efficacy and undesired effects of high dosage zinc treatment**  
Kockaya G., Ufuktepe B., Kockaya P. D., Sen S., Altunel O., Uresin Y.  
Journal of Applied Pharmaceutical Science, vol.2, no.3, pp.157-159, 2012 (Scopus)

## Books & Book Chapters

### I. Orphan Drugs

Şen S., Üresin A. Y.

in: Rare Diseases, Uğur Özbek, Editor, Türkiye Klinikleri Yayınevi, Ankara, pp.91-95, 2021

### II. COVID-19: RAAS Inhibitors and Anticoagulant Drugs

Şen S., Karahan E.

in: Pharmacology and COVID-19, Ali Yağız Üresin, Editor, Türkiye Klinikleri Yayınevi, Ankara, pp.55-60, 2021

## Refereed Congress / Symposium Publications in Proceedings

- I. **İstanbul Tıp Fakültesi Elektronik Sağlık Kayıt Verilerinde Hastalığa Özgü Fenotiplerin Modellenmesi ile Mukopolisakkaridoz Tip I Hastalarının Belirlenmesi: Tek Merkezli bir Gerçek Yaşam Verisi Araştırması**  
BALCI M. C., Işık M., Gökalp T., Ceylan U., ŞEN S., KARACA M., GÖKÇAY G. F.  
VIII. Uluslararası Katılımlı Lizozomal Hastalıklar Kongresi, 3-7 Mayıs 2023, Bursa, 3 - 07 May 2023, pp.114
- II. **Contribution of Preclinical Studies in Drug Development for COVID-19 Treatment under Pandemic Conditions: Reflections on the Use of Laboratory Animals**  
Özdemir B., Calda Gürel N., Şen S., Yamantürk Çelik A. P.  
4th East Mediterranean Congress of Laboratory Animal Science, İstanbul, Turkey, 9 - 11 December 2021, pp.68
- III. **Overview of Phase I Clinical Trials in Turkey**  
Şen S.  
26th National and 1st International Pharmacology Congress, 4 - 06 November 2021, pp.243-244
- IV. **Antibiyotik Biyoyararlanımı, Eşdeğer İlaç ve Klinik Kullanımı**  
Şen S.  
35. ANKEM Akılcı Antibiyotik Kullanımı Kongresi, 28 October - 01 November 2020, pp.24
- V. **Hipertansiyon Hastalarında Stres Yanıtındaki Değişimlerin Kognitif Fonksiyonlara ve Kliniğe Yansımalarının Biyokimyasal ve Elektrofizyolojik Yöntemlerle Araştırılması**  
Büyüklü Ç., Şen S., Gürel N., Demiralp T., Üresin A. Y.  
25. Ulusal Farmakoloji Kongresi, Aydın, Turkey, 4 - 07 November 2019, pp.134
- VI. **Telmisartan, Perindopril ve Nebivololün Endotel Koruyucu Etkilerinin in-vitro olarak Karşılaştırılması**  
Şen S., Hacıosmanoğlu E.  
25. Ulusal Farmakoloji Kongresi, Aydın, Turkey, 4 - 07 November 2019, pp.204
- VII. **Overview of Industry Sponsored and Non- Industry Sponsored Clinical Trials Landscape in Turkey**  
ŞEN S.  
Investigator Initiated Research And Data Symposium, İstanbul, Turkey, 12 - 13 September 2018, pp.1
- VIII. **Etil asetatın sıçanlarda açık-alan test yanıtına nimodipinin etkileri**  
Yamantürk Çelik A. P., Şen S., Özunal Z. G.  
Ulusal Farmakoloji Kongresi, Trabzon, Turkey, 17 - 20 October 2017, pp.64
- IX. **Klinik farmakoloji araştırma ve uygulama polikliniğine başvuran hastaların akılcı ilaç kullanımı ölçütlerine göre değerlendirilmesi**  
Gürel N., ŞEN S., Özunal Z. G., Üresin Y.  
Ulusal Farmakoloji Kongresi, Trabzon, Turkey, 17 - 20 October 2017, pp.1
- X. **Etil asetatın sıçanlarda açık-alan test yanıtına nimodipinin etkileri**  
Yamantürk Çelik P., ŞEN S., Özunal Z. G.  
Ulusal Farmakoloji Kongresi, Trabzon, Turkey, 17 - 20 October 2017, pp.1
- XI. **Depresyon ve yaşam tarzı ilişkisi: psikiyatristler değişimi öneriyor mu?**  
Dönmezler G., Çakır C., Cesur E., Şen S., Karşıdağ Ç.  
52. Ulusal Psikiyatri Kongresi, Antalya, Turkey, 16 - 20 November 2016, pp.1
- XII. **Plasma corticosterone levels in behavioural model-induced stress in rats**  
Yamantürk Çelik P., Tonyalı H., ŞEN S., Üresin Y.  
7th European Congress of Pharmacology (EPHAR), İstanbul, Turkey, 26 - 30 June 2016, pp.1
- XIII. **İlaç uyumu ve ilişkili değişkenlerin kan basıncı kontrolü üzerine etkisinin değerlendirilmesi**  
Özunal Z. G., Tahirbegolli I. A., Baykal M. A., Terlemez B., Tahirbegolli B., Kılıç Y., ŞEN S., Üresin A. Y.  
23. Ulusal Farmakoloji Kongresi, Ankara, Turkey, 7 - 10 September 2015, pp.1
- XIV. **Relationship Between Renin Angiotensin Aldosterone System Parameters and Cognitive Functions in Patients with Hypertension**  
ŞEN S., Gürel N., Ufuktepe B., Özunal Z. G., Büyüklü Ç., Üresin Y.  
20th Annual Scientific Meeting of the International Society of Cardiovascular Pharmacotherapy (ISCP), Buenos

Aires, Argentina, 25 - 26 June 2015, pp.1

**XV. Drug-induced skin reaction**

Akbilek S, Özunal Z. G., ŞEN S, Gürel N., Canberk A, Üresin A. Y.

29th Turkish Cardiology Congress with International Participation, Antalya, Turkey, 26 - 29 October 2013, pp.1

**XVI. EVENT RELATED POTENTIALS (ERP) IN STRESS AND NONSTRESS CONDITIONS BEFORE AND AFTER CHRONIC EXERCISE**

Özunal Z. G., Sabırlı S., Şen S., Karamürsel S., Ömer B., Yıldız S., Üresin Y.

XXV TH INTERNATIONAL SYMPOSIUM ON CEREBRAL BLOOD FLOW , METABOLISM AND FUNCTION &XTH

INTERNATIONAL CONFERENCE ON QUANTIFICATION OF BRAIN FUNCTION WITH PET. BARCELONA, SPAIN, MAY

25-28, 2011., Barcelona, Spain, 25 - 28 May 2011, pp.12-13

## Supported Projects

ŞEN S., DEMİRKILIÇ O., Project Supported by Higher Education Institutions, Tip2 Diyabet Hastalarında DPP-IV İnhibitörlerinin BDNF ve Pentraksin-3 Düzeyleri ile Bilişsel Fonksiyonlar Üzerine Etkisinin Değerlendirilmesi, 2022 - 2023

Önel M., Meşe S., Ağaçfıdan A., Çağatay A. A., Şen S., Üresin A. Y., Project Supported by Other Private Institutions, EASYCOV. A prospective, non-interventional study for validation of a rapid, non-invasive IVD as a point-of-care test for diagnosis of SARS-COV-2 infection, 2020 - 2021

ŞEN S., Project Supported by Higher Education Institutions, HİPERTANSİYON HASTALARINDA RENİN ANJİOTENSİN ALDOSTERON SİSTEMİ PARAMETRELERİNİN KOGNİTİF FONKSİYONLAR İLE İLİŞKİSİ, 2015 - 2015

## Metrics

Publication: 45

Citation (WoS): 66

Citation (Scopus): 67

H-Index (WoS): 5

H-Index (Scopus): 5