Assoc. Prof. ZAFER SEZER

Personal Information

Office Phone: +90 352 207 6600 Extension: 24417
Fax Phone: +90 352 437 4067
Email: zsezer@erciyes.edu.tr
Other Email: drzafersezer@gmail.com
Web: https://avesis.erciyes.edu.tr/zsezer/
Address: ERCİYES ÜNV. TIP FAK. Hakan Çetinsaya İyi Klinik Uygulama ve Araştırma Merkezi (İKUM) KAYSERİ

International Researcher IDs
ORCID: 0000-0003-4858-3906
Yoksis Researcher ID: 123615

Education Information

Expertise In Medicine, Erciyes University, Dahili Tıp Bil., Tıbbi Farmakoloji, Turkey 2000 - 2005
Undergraduate, Istanbul University, Cerrahpaşa Tıp Fakültesi, Turkey 1993 - 1999

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Health&Medicine, Klinik Araştırmacı Eğitim Programı, Gazi Ü. Tıp Fak&TC. Sağlık Bakanlığı, 2009

Dissertations

Expertise In Medicine, ERGOT ALKALOİDLERİ VE YARI SENTETİK TÜREVLERİNİN UTERUS ÜZERİNDEKİ ETKİ MEKANİZMALARI, Erciyes Üniversitesi, Dahili Tıp Bil., Tıbbi Farmakoloji, 2005

Research Areas

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

Academic Titles / Tasks

Assistant Professor, Erciyes University, Dahili Tıp Bil., Tıbbi Farmakoloji, 2018 - Continues
Assistant Professor, Erciyes University, Dahili Tıp Bil., Tıbbi Farmakoloji, 2011 - 2018
Lecturer, Erciyes University, Dahili Tıp Bil., Tıbbi Farmakoloji, 2010 - 2011

Academic and Administrative Experience

2017 - Continues
Erciyes University, 2017 - Continues
Erciyes University, 2013 - Continues

Advising Theses

SEZER Z., MPTP ile Oluşturulan Deneysel Parkinson Modelinde Fatty Asit Amid Hidrolaz İnhibitörü URB597'nin Oksitatif Stres ve Davranış Üzerine Etkisi, Postgraduate, M.TANBAY(Student), 2013

Jury Memberships

Competence In Art, Doktpra Yeterlilik, E.Ü.Sağlık Bilimleri Enstitüsü, January, 2013

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Bioequivalence Study of Capsules versus Film Tablets Containing Rivaroxaban in Healthy Caucasian Subjects under Fasting and Fed Conditions**
Sözer G., İNAL A., SEZER Z., Martin W., Ottmann E., Reinsch M., Koru S. A.
Clinical Pharmacology in Drug Development, vol.13, no.3, pp.281-287, 2024 (SCI-Expanded)

II. **Long-Term Immunogenicity and Safety of a Homologous Third Dose Booster Vaccination with TURKOVAC: Phase 2 Clinical Study Findings with 32-Week Post-Booster Follow-Up.**
Sezer Z., Pavel S. T. I., Inal A., Yetiskin H., Kaplan B., Uygut M. A., Aslan A. F., Bayram A., Mazicioglu M., Kalin Unuvar G., et al.
Vaccines, vol.12, no.2, 2024 (SCI-Expanded)

III. **Safety and Efficacy of a Novel Combination Cream (GN-037) in Healthy Volunteers and Patients with Plaque Psoriasis: A Phase 1 Trial**
SEZER Z., İNAL A., ÇINAR S. L., MAZICIOĞLU M. M., Altug S., KARASULU H. Y., Diril M., Mehmetoglu Al A., Kozlu S., Ulu N.
Dermatology and Therapy, vol.13, no.7, pp.1489-1501, 2023 (SCI-Expanded)

IV. **Long-Term Results of Immunogenicity of Booster Vaccination against SARS-CoV-2 (Hybrid COV-RAPEL TR Study) in Turkiye: A Double-Blind, Randomized, Controlled, Multicenter Phase 2 Clinical Study**
Ates I., Batirel A., Aydin M., Karadag F. Y., Erden A., KÜÇÜKŞAHİN O., Armagan B., Guven S. C., Karakas O., Gokdemir S., et al.
Vaccines, vol.11, no.7, 2023 (SCI-Expanded)

V. **Efficacy, Immunogenicity, and Safety of the Two-Dose Schedules of TURKOVAC versus CoronaVac in Healthy Subjects: A Randomized, Observer-Blinded, Non-Inferiority Phase III Trial**
DURUSU TANRIÖVER M., Aydin O. A., Guner R., YILDIZ O., Celik I., Doganay H. L., Kose S., AKHAN S., AKALIN E. H., SEZER Z., et al.
VACCINES, vol.10, no.11, 2022 (SCI-Expanded)

VI. **Indomethacin prevents TGF-beta-induced epithelial-to-mesenchymal transition in pancreatic cancer cells; evidence by Raman spectroscopy**
SEZER G., ÖNSES M. S., ŞAKİR M., Sahin F., camdal A., SEZER Z., İNAL A., Ciftci Z.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.280, 2022 (SCI-Expanded)

VII. **Safety and immunogenicity of inactive vaccines as booster doses for COVID-19 in Turkey: A**

randomized trial
Omma A., Batirel A., Aydin M., Karadag F. Y., Erden A., KÜÇÜKŞAHİN O., Armagan B., Guven S. C., Karakas O., Gokdemir S., et al.
HUMAN VACCINES & IMMUNOTHERAPEUTICS, vol.18, 2022 (SCI-Expanded)

VIII. **Abstracts**
SEZER G., Tekol Y., SEZER Z.
Pain Practice, vol.16, pp.6-176, 2016 (SCI-Expanded)

IX. **Involvement of adenosine receptors in the anticonvulsant effect of agmatine in mice**
SEZER Z., Erçal Ö., Kara M.
EUROPEAN NEUROPSYCHOPHARMACOLOGY, no.24, pp.260, 2014 (SCI-Expanded)

X. **Ephedrine enhances the antinociceptive effect of dexmedetomidine in mice**
SEZER Z., Sezer G., Tekol Y.
NEUROENDOCRINOLOGY LETTERS, vol.32, no.4, pp.552-556, 2011 (SCI-Expanded)

XI. **Ephedrine enhances the antinociceptive effect of dexmedetomidine in mice**
SEZER Z., SEZER G., TEKOL Y.
Neuro Endocrinol Lett., vol.32, pp.552-556, 2011 (SCI-Expanded)

XII. **Mirtazapine does not affect pentylenetetrazole- and maximal electroconvulsive shock-induced seizures in mice**
Yilmaz I., Sezer Z., Kayir H., Uzbay T. I.
EPILEPSY & BEHAVIOR, vol.11, no.1, pp.1-5, 2007 (SCI-Expanded)

XIII. **Comparing the relaxing effects of desflurane and sevoflurane on oxytocin-induced contractions of isolated myometrium in both pregnant and nonpregnant rats**
GULTEKIN H., Yildiz K., SEZER Z., DOGRU K.
ADVANCES IN THERAPY, vol.23, no.1, pp.39-46, 2006 (SCI-Expanded)

XIV. **Interaction between venlafaxine and caffeine on antinociception in mice**
Yaba G., SEZER Z., TEKOL Y.
PHARMAZIE, vol.61, no.1, pp.60-62, 2006 (SCI-Expanded)

XV. **Inhibitory effects of desflurane and sevoflurane on oxytocin-induced contractions of isolated pregnant human myometrium**
YILDIZ K., DOGRU K., DALGIC H., SERIN I. S., SEZER Z., Madenoglu H., BOYACL A.
ACTA ANAESTHESIOLOGICA SCANDINAVICA, vol.49, no.9, pp.1355-1359, 2005 (SCI-Expanded)

XVI. **The direct depressant effects of desflurane and sevoflurane on spontaneous contractions of isolated gravid rat myometrium**
DOGRU K., DALGIC H., YILDIZ K., SEZER Z., Madenoglu H.
INTERNATIONAL JOURNAL OF OBSTETRIC ANESTHESIA, vol.12, no.2, pp.74-78, 2003 (SCI-Expanded)

XVII. **Inhibitory effects of desflurane and sevoflurane on contractions of isolated gravid rat myometrium under oxytocin stimulation**
DOGRU K., YILDIZ K., DALGIC H., Sezer Z., Yaba G., MADENOGLU H.
ACTA ANAESTHESIOLOGICA SCANDINAVICA, vol.47, no.4, pp.472-474, 2003 (SCI-Expanded)

Articles Published in Other Journals

I. **Akılcı İlaç Kullanımı ve Farmakoekonomi**
SEZER Z.
J Fam Med-Special Topic, vol.8, no.3, pp.224-230, 2017 (Peer-Reviewed Journal)

II. **Klinik Araştırmalarda Araştırmacı Olmak**
SEZER Z., ERENMEMİŞOĞLU A.
Türkiye Klinikleri Farmakoloji, vol.4, no.2, 2016 (Peer-Reviewed Journal)

III. **Biyobenzer İlaçlar Biosimilar Drugs**
NACAK M., SEZER Z., ERENMEMİŞOĞLU A.

JOURNAL OF CLINICAL AND ANALYTICAL MEDICINE, vol.3, no.2, pp.251-256, 2012 (Peer-Reviewed Journal)

IV. **Farede akut ağrı modelinde sertralinin oluşturduğu antinosiseptif cevaba kafeinin etkisi**
SEZER Z., SEZER G.
Erciyes Üniversitesi Sağlık Bilimleri Dergisi, no.16, pp.56-61, 2007 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Biyoyararlanım/Biyoeşdeğerlik Çalışmaları**
SEZER Z., İNAL A., ERENMEMİŞOĞLU A.
in: Klinik Araştırmalar Kitabı 2014, Hamdi Akan, Hilal İlbars, Nurşah Ömeroğlu Çetinkaya, Editor, Bilimsel Tıp, Ankara, pp.221-232, 2014

II. **Biyoyararlanım/Biyoeşdeğerlik Çalışmaları.**
SEZER Z.
in: Klinik Araştırmalar Kitabı-2014, Dr. Zafer SEZER, Dr. Ahmet İNAL, Dr. Aydın ERENMEMİŞOĞLU , Editor, Bilimsel Tıp Yayınevi, Ankara, pp.221-232, 2014

Refereed Congress / Symposium Publications in Proceedings

I. **Peripheral antinociceptive effect of venlafaxine in rats**
SEZER G., Tekol Y., SEZER Z.
2017 PNS Annual Meeting, Spain, 8 - 12 July 2017, vol.22, pp.226-414

II. **Phase 1 bioequivalency studies of neuropathic pain medications**
SEZER Z.
4th International Symposium on Peripheral Nerve Regeneration, Barselona, Spain, 6 - 08 July 2017

III. **Antidepressant drug venlafaxine has peripheral antinociceptive effect**
SEZER G., Tekol Y., SEZER Z.
4th International Symposium on Peripheral Nerve Regeneration, Barselona, Spain, 6 - 08 July 2017

IV. **Role of Adenosine And Adenosine A2A Receptors in the Antidepressant Effectof Amitriptyline**
SEZER G., SEZER Z.
9th International Congress onPsychopharmacology 5th InternationalSymposium on Child and AdolescentPsychopharmacology, Antalya, Turkey, 26 - 30 April 2017

V. **Overview of bioavailability bioequivalence trials in a phase 1 clinic in Turkey**
SEZER Z., İNAL A., ERENMEMİŞOĞLU A., MAZICIOĞLU M. M.
7th World Congress onBioavailability & Bioequivalence: BA/BE Studies Summit, Atlanta, United States Of America, 29 - 31 August 2016

VI. **Prasugrel effect on In Vitro bleeding time tests in a single dose bioequivalence study**
İNAL A., SEZER Z.
7th World Congress onBioavailability & Bioequivalence: BA/BE Studies Summit, Atlanta, United States Of America, 29 - 31 August 2016

VII. **Overview of bioavailability bioequivalance clinicl trials in a phase 1 in Turkey**
SEZER Z., İNAL A., MAZICIOĞLU M. M., ERENMEMİŞOĞLU A.
7. World Congress on Bioavailability and Bioequivalence:BA/BE Studies Summit, Atlanta, United States Of America, 29 - 31 August 2016, vol.8

VIII. **Evaluation of bioavailibility bioequivalence trials incluiding analgesic drugsin our clinic**
SEZER Z., ERENMEMİŞOĞLU A.
Congress of the european pain federation, 2 - 05 September 2015

IX. **Roles of opioid and adenosine A1 receptors in venlefaxine induced local peripheral antinociception in rat**
SEZER G., Yalçın T., SEZER Z.

Congress of the European Pain Federation, 2 - 05 September 2015

X. **Roles of opioid and adenosine A1 receptors in venlafaxine induced local peripheral antinociception in rat**
SEZER G., Tekol Y., SEZER Z.
9. Congress of the European Pain Federation EFIC, 2 - 05 September 2015

XI. **Sağlıklı Gönüllülerde Rivastigmin Kullanımında Görülen Yan etkiler ve Bunların Doza bağlı Değişimi**
İNAL A., SEZER Z., ERENMEMİŞOĞLU A.
2. Ulusal Klinik Araştırmalar kongresi 2015, İstanbul, Turkey, 27 - 28 March 2015

XII. **Bir biyoeşdeğerlik klinik çalışmasının hikayesi**
SEZER Z.
1. Ulusal Klinik Araştırmalar Kongresi, İstanbul, Turkey, 3 - 04 May 2013

XIII. **Evaluation of bioequivalency bioavailability trials in our clinic 16th IUPHAR WorldCongress of Basis and Clinical Pharmacology**
SEZER Z., İNAL A., KÜÇÜK N., Soydan Ö., MAZICIOĞLU M. M., ERENMEMİŞOĞLU A.
16th IUPHAR WorldCongress of Basis and Clinical Pharmacology, 17 - 23 July 2010

XIV. **Effects of mirtazepine on pentylenetetrazole and maximal elevtroconvulsive shock induced seizures in mice**
UZBAY İ. T., Yılmaz İ., SEZER Z., KAYIR H.
20th ECNP Congress, VİYANA, Austria, 13 - 17 October 2007, pp.260

XV. **Local peripheral antinociceptive effect of venlafaxine on rat formaline test**
SEZER G., Tekol Y., SEZER Z., GÜL H., UZBAY İ. T.
Second International Congress on Neuropathic Pain, Berlin, Germany, 7 - 10 June 2007, vol.11, pp.174-175

XVI. **Hyocine N Butyl bromide failed to prevent tolerance development to the antinociceptive effect of pilocarpine**
SEZER Z., SEZER G., Tekol Y.
Second International Congress on Neuropathic Pain, Berlin, Germany, 7 - 10 June 2007, vol.11, pp.83-84

XVII. **The mechanism of action of ergot alkaloids and semisynthetic derivatives on the uterus**
SEZER Z., Tekol Y.
15th World Congress of Pharmacology, 2 - 07 July 2006

XVIII. **The effect of venlafaxine on intraplantar glutamate induced nociception in rats**
SEZER G., Tekol Y., SEZER Z.
Neuroanatomy, Turkey, 10 - 14 April 2006

XIX. **The effect of caffeine on venlafaxine antinociception in mice**
SEZER G., SEZER Z., Tekol Y.
European Workshop on Drug Metabolism, Antalya, Turkey, 3 - 08 October 2004

XX. **Does caffeine affect the antinociceptive effect of sertraline in acute pain model in mice**
SEZER Z., SEZER G.
European Workshop on Drug Metabolism, 3 - 08 October 2004

Supported Projects

SEZER Z., KARA M., ÖZTÜRK B., Project Supported by Higher Education Institutions, Farede deneysel depresyon modelinde propolisin antidepresan etkinliğinin araştırılması., 2013 - 2016

SEZER Z., KARA M., TANBAY M., Project Supported by Higher Education Institutions, MPTP UYGULANAN FARELERDE YAĞ ASİDİ AMİD HİDROLAZ ENZİM (FAAH)İNHİBİTÖRÜ URB597'NİN OKSİDATİF STRES ve DAVRANIŞ ÜZERİNE ETKİSİ, 2013 - 2014

SEZER Z., ERENMEMİŞOĞLU A., Project Supported by Higher Education Institutions, AGMATİNİN ANTİKONVÜLZAN ETKİSİNDE ADENOZİNERJİK SİSTEMİN ROLÜ, 2009 - 2013

Metrics

Publication: 47
Citation (WoS): 67
Citation (Scopus): 53
H-Index (WoS): 5
H-Index (Scopus): 5

Congress and Symposium Activities

16th IUPHAR WorldCongress of Basis and Clinical Pharmacology, Attendee, KOPENHAG, Denmark, 2010