

Lect. Emre Soner Tiriyaki

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International Researcher IDs

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Education Information

Expertise In Medicine, Ondokuz Mayıs University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, Turkey 2017 - 2021

Undergraduate, Ondokuz Mayıs University, Tıp Fakültesi, Tıp Pr., Turkey 2010 - 2016

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Human Physiology, Neurophysiology

Academic Titles / Tasks

Lecturer, Ondokuz Mayıs University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2022 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The role of HCN channels on the effects of T-type calcium channels and GABA(A) receptors in the absence epilepsy model of WAG/Rij rats.**
Tiriyaki E. S., Arslan G., Günaydın C., Ayyıldız M., Ağar E.
Pflugers Archiv : European journal of physiology, vol.476, no.3, pp.337-350, 2024 (SCI-Expanded)
- II. **The Effect of the Acetylcholinesterase Inhibitor Rivastigmine on the Pentylene-tetrazole-Induced Kindling Model of Experimental Epilepsy**
Türkdönmez Ak E., Okuyucu B., Hatipoğlu B., Tiriyaki E. S., Arslan G., Ağar E., Ayyıldız M.
ACTA PHYSIOLOGICA, pp.65-66, 2023 (SCI-Expanded)
- III. **The Effect of Magnesium Sulphate on Spike Wave Discharges in Genetic Absence Epileptic WAG/Rij Rats**
Hatipoğlu B., Okuyucu B., Türkdönmez Ak E., Tiriyaki E. S., Arslan G., Ağar E., Ayyıldız M.
ACTA PHYSIOLOGICA, vol.237, pp.67, 2023 (SCI-Expanded)
- IV. **The Effect of Rivastigmine on Spike-Wave Discharges and Interaction with T-Type Calcium Channels in WAG/Rij Rats**
Türkdönmez Ak E., Okuyucu B., Tiriyaki E. S., Arslan G., Ağar E., Ayyıldız M.
ACTA PHYSIOLOGICA, vol.237, pp.34, 2023 (SCI-Expanded)
- V. **Comparison of the Effects of Levetiracetam and Valproic Acid on Spike-Wave Discharges in WAG/Rij Rats with Genetic Absence Epilepsy**
Türkdönmez Ak E., Okuyucu B., Hatipoğlu B., Tiriyaki E. S., Ayyıldız M., Arslan G., Ağar E.

ACTA PHYSIOLOGICA, pp.66, 2023 (SCI-Expanded)

- VI. **4-Phenylbutyric Acid Plus Valproic Acid Exhibits the Therapeutic and Neuroprotective Effects in Acute Seizures Induced by Pentylentetrazole**
Rzayev E., AMANVERMEZ R., GÜN S., Tiryaki E. S., Arslan G.
NEUROCHEMICAL RESEARCH, vol.47, no.10, pp.3104-3113, 2022 (SCI-Expanded)
- VII. **GLP-1 agonist liraglutide improves ouabain-induced mania and depressive state via GSK-3 beta pathway**
Cicekli M. N., Tiryaki E. S., ALTUN A., Gunaydin C.
JOURNAL OF RECEPTORS AND SIGNAL TRANSDUCTION, vol.42, no.5, pp.486-494, 2022 (SCI-Expanded)
- VIII. **Asiatic acid exerts an anti-psoriatic effect in the imiquimod-induced psoriasis model in mice**
Kukula O., Kirmizikan S., Tiryaki E. S., Cicekli M. N., Gunaydin C.
IMMUNOPHARMACOLOGY AND IMMUNOTOXICOLOGY, vol.44, no.3, pp.367-372, 2022 (SCI-Expanded)
- IX. **The Effect of HCN Channel Antagonist Ivabradine on Spike-Wave Discharges (Swds) In Genetic Absence Epileptic WAG/Rij Rats**
Tiryaki E. S., Arslan G., Gunaydin C., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.234, pp.14, 2022 (SCI-Expanded)
- X. **The Effect of Metformin on Spike Wave Discharges in Genetic Absence Epileptic WAG/Rij Rats**
Alver B., Arslan G., Al Kaleel A. Z. K., Türkdönmez Ak E., Tiryaki E. S., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.234, pp.62, 2022 (SCI-Expanded)
- XI. **Effect of Tadalafil in Penicillin-Induced Epileptiform Activity**
Tiryaki E. S., Arslan G., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.227, pp.103, 2019 (SCI-Expanded)
- XII. **Effect of Caffeine on Spike Wave Discharges in Genetic Absence Epileptic WAG/Rij Rats**
Arslan G., Tiryaki E. S., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.225, pp.57, 2018 (SCI-Expanded)
- XIII. **Effect of Ceftriaxone on Spontaneous Epileptic Discharges in Genetic Absence Epileptic WAG/Rij Rats**
Tiryaki E. S., Arslan G., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.225, pp.56, 2018 (SCI-Expanded)

Articles Published in Other Journals

- I. **Parallel changes in the promoter methylation of voltage-gated T-type calcium channel alpha 1 subunit G and histone deacetylase activity in the WAG/Rij model of absence epilepsy**
ÇELİK Z. B., TİRYAKİ E. S., TÜRKDÖNMEZ AK E., ÇİÇEK M. N., GÜNAYDIN C., ALTUN A.
Journal of Health Sciences and Medicine, vol.6, 2023 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Pentilentetrazol ile sıçanlarda oluşturulan deneysel epilepsiye Rivastigminin Etkisi**
TÜRKDÖNMEZ AK E., OKUYUCU B., HATİPOĞLU B., TİRYAKİ E. S., ARSLAN G., AYYILDIZ M.
47. Ulusal Fizyoloji Kongresi, Antalya, Turkey, 1 - 04 November 2022, vol.727, pp.65
- II. **Absans Epilepsili Wag/Rij Sıçanlarda Magnezyumun Diken Dalga Deşarjlarına Etkisi**
HATİPOĞLU B., TÜRKDÖNMEZ AK E., OKUYUCU B., TİRYAKİ E. S., ARSLAN G., AYYILDIZ M.
47. Ulusal Fizyoloji Kongresi, Antalya, Turkey, 1 - 04 November 2022, pp.67
- III. **Absans Epilepsili Wag/Rij Sıçanlarda Rivastigminin Diken Dalga Deşarjlarına Etkisi ve T-Tipi Kalsiyum Kanallarıyla İlişkisi**
TÜRKDÖNMEZ AK E., OKUYUCU B., TİRYAKİ E. S., ARSLAN G., AYYILDIZ M.
47. Ulusal Fizyoloji Kongresi, Antalya, Turkey, 1 - 04 November 2022, vol.237, pp.34-61

- IV. **Absans Epilepsili Wag/Rij Sıçanlarda Levatrasetaam ve Valproik Asidin Etkileri**
TÜRKDÖNMEZ AK E., OKUYUCU B., HATİPOĞLU B., TİRYAKİ E. S., ARSLAN G., AYYILDIZ M.
47. Ulusal Fizyoloji Kongresi, Antalya, Turkey, 1 - 04 November 2022, vol.237, pp.67
- V. **Genetik Absans Epilepsili WAG/Rij Sıçanlarda Görülen Diken Dalga Deşarjlarına Metformin'in Etkisi**
Alver B., TÜRKDÖNMEZ AK E., TİRYAKİ E. S., AYYILDIZ M., ARSLAN G.
46. Ulusal Fizyoloji Kongresi, Turkey, 01 November 2021, vol.1, pp.11-61
- VI. **Pentilentetrazol ile sıçanlarda oluşturulan deneysel epilepsiye ilacı Tofacitinib'in etkisi**
ASAN E., TÜRKDÖNMEZ AK E., TİRYAKİ E. S., ARSLAN G., AYYILDIZ M.
5. Uluslararası Sağlık bilimleri ve inovasyon kongresi, Antalya, Turkey, 01 November 2021