CURRICULUM VITAE AND PUBLICATIONS LIST

CURRICULUM VITAE

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Area of Expertise:	Neurophysiology

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

A1. Kılıç Ü., "Epilepsy knowledge as an independent predictor of attitudes toward epilepsy among health services students: A cross-sectional study", *Epileptic Disorders*, vol. 4, no. 4, pp. 1-10, 2026.

A2. Erbaş A., Keskin Kiziltepe S., Kılıç Ü., "Effectiveness of the Situation-Background-Assessment-Recommendation method in emergencies with simulation-based education for nursing and paramedic students", *International Emergency Nursing*, vol. 82, 2025.

A3. Kılıç Ü., Soytürk H., Yıldız A., Önal C., "Modulation of Brain-derived Neurotrophic Factor and Nerve Growth Factor Gene Expression in the Hippocampus and Cortex Regions of Rats with Penicillin-induced Experimental Epilepsy: The Effect of Adenosine Triphosphate-sensitive Potassium Channels", *Neurological Sciences and Neurophysiology*, vol. 42, no. 1, pp. 14-21, 2025.

A4. Soytürk H., Önal C., Kılıç Ü., Türkoğlu Ş. A., Ayaz E., "The effect of the HMGB1/RAGE/TLR4/NF-κB signalling pathway in patients with idiopathic epilepsy and its relationship with toxoplasmosis", *Journal of Cellular and Molecular Medicine*, vol. 28, no. 14, 2024.

A5. Önal C., Kılıç Ü., Soytürk H., "Investigation of the Effects of Acute and Chronic PTZ Model Epilepsy in Rats Exposed to Neonatal Hyperoxia on Bdnf, Ngf, Cyt c, Bax, and Bcl-2 Gene Expression Levels in the Brain", *Archives of Epilepsy*, vol. 29, no. 4, pp. 96-104, 2023.

A6. Kılıç Ü., "Effect of K_{ATP} openers and blockers on AKT and mTOR mRNA levels in the hippocampus and cortex of rats with penicillin induced epilepsy", *INDIAN JOURNAL OF EXPERIMENTAL BIOLOGY*, vol. 61, no. 9, pp. 681-686, 2023.

A7. Kılıç Ü., Demir Ş., Beyazçiçek E., Beyazçiçek Ö., Soytürk H., "The Effects of Acute and Chronic Metformin Treatment on Penicillin Induced Epileptiform Activity in Rats", *JOURNAL OF ACADEMIC RESEARCH IN MEDICINE-JAREM*, vol. 12, no. 2, pp. 87-98, 2022.

B. Papers presented at international scientific meetings and published in proceedings:

B1. Kılıç Ü., THE EFFECTS OF RESVERATROL ON NEURODEGENERATIVE DISEASES, In: *13TH INTERNATIONAL ARTEMIS SCIENTIFIC RESEARCH CONGRESS*, Romania, 2025.

B2. Kılıç Ü., WHAT ROLE DOES APELIN-13 PLAY IN THE PROGRESSION OF EPILEPSY, In: *13TH INTERNATIONAL ARTEMIS SCIENTIFIC RESEARCH CONGRESS*, Romania, 2025.

B3. Kılıç Ü., Physıologıcal Functıons of The Irısın and Relatıon to Neurodegeneratıve Dıseases, In: *8th Internatıonal Acharaka Congress On Medıcıne, Nursıng, Mıdwıfery, And Health Scıences*, Uzbekistan, 2024.

B4. Kılıç Ü., Physıologıcal Functıons of Taurıne, In: *8th Internatıonal Acharaka Congress On Medıcıne, Nursıng, Mıdwıfery, And Health Scıences*, Uzbekistan, 2024.

B5. Kılıç Ü., How Does The Gut-Brain Axis Influence Epilepsy Progression, In: *2nd Internatıonal Asklepıos Congress On Medıcıne, Nursıng, Mıdwıfery, And Health Scıences*, Kosovo, 2024.

B6. Kılıç Ü., "HOW DOES VITAMIN D PLAY A ROLE IN THE PATHOPHYSIOLOGY OF EPILEPSY", In: *2nd Internatıonal Asklepıos Congress On Medıcıne, Nursıng, Mıdwıfery, And Health Scıences*, Kosovo, 2024.

B7. Kılıç Ü., Physiologıcal and Pathophysiological Effects of Progranulin, In: *9th International "Artemis" Scientific Research Congress*, Romania, 2024.

B8. Kılıç Ü., What Role Does Alpha-Synucleın Play in Epılepsy Progressıon, In: *9th International "Artemis" Scientific Research Congress*, Romania, 2024.

B9. Yorulmaz İ. S., Aba Ö., Sungur M. A., Kılıç Ü., Does Reversal of Non-depolarizing Neuromuscular Blocking Agents Effect on QT,QTc Interval under Sevoflurane Anesthesia?, In: *The 42nd KSCCM Annual Congress-ACCM 6-7 May 2022/HICO, Gyeongju Korea*, South Korea, 2022.

B10. Keçeci A., Kılıç Ü., Yön B., Çetin H., A CPR Simulation Experiences: Where am I?, In: *Human Patient Simulation Network*, Nottingham, United Kingdom, 2017.

C. National/international books written or chapters in books:

C2. Chapters in national/international books written:

C2.1. Kılıç Ü., "Deneysel Epilepsi Modelleri", *Translasyonel Araştırmalarda Hastalık Modelleri ve Analiz Yöntemleri*, Akademisyen Yayınevi, Ankara, 2026.

D. Articles published in national peer-reviewed journals:

D1. Soytürk H., Kılıç Ü., Yildiz A., Deniz Ö. G., Suveren E., Ayvaci M., Demir Ş., "Electrophysiological and histological investigation of the effect of interleukin-1 receptor antagonist on acute and PTZ kindling model of experimental epilepsy", *Journal of Experimental and Clinical Medicine (Turkey)*, 2026.

D2. Kılıç Ü., Soytürk H., "The effects of ATP sensitive potassium channel (KATP) opener and blockers on Bcl-2, Bax, and Cyt-c gene expression levels in epileptic rats", *Journal of Experimental and Clinical Medicine (Turkey)*, vol. 39, no. 3, pp. 857-862, 2022.

D3. Kılıç Ü., Soytürk H., "Investigation of the effects of pinacidil and glibenclamide administration on HCN1, KCNT1, Kir 6.1, SUR1 gene expressions in hippocampus and cortex regions in epileptic rats", *Journal of Experimental and Clinical Medicine (Turkey)*, vol. 39, no. 3, pp. 868-873, 2022.

D4. Kılıç Ü., Yön B., Yıldırım Şişman N., "Acil yardım istasyonu çalışanlarında işe bağlı gerginliğin, anksiyete ve depresyon riski ile ilişkisi", *Türkiye Halk Sağlığı Dergisi*, vol. 17, no. 2, pp. 143-152, 2019.

D5. Kılıç Ü., Çam M., Güven Bağla A., Erbaş M., "Streptozotosinle İndüklenen Diabetik Ratlarda Ginkgo Biloba (EGb 761) Ekstresinin Nefropati Üzerine Etkileri", *Düzce Üniversitesi Sağlık Bilimler Enstitüsü Dergisi*, vol. 7, no. 2, pp. 82-88, 2017.

E. Papers presented at national scientific meetings and published in proceedings:

E1. Yıldız A., Soytürk H., Yılmaz M., Kılıç Ü., Research of the effects of KATP channel openers and blockers on Akt, mTOR, BDNF, NGF gene expressions in hippocampus and cortex in rats with penicillin model experimental epilepsy, In: *46.Ulusal Fizyoloji Kongresi*, Türkiye, 2021.

E2. Şahin Yıldız Y., Kılıç Ü., Beyazçiçek E., Beyazçiçek Ö., Demir Ş., Examination of Physical Activity Levels of Bartin University Students, In: *Turkish Society of Physiological Sciences44th National Physiology Congress*, Antalya, Türkiye, 2018, pp. 69.