



CURRICULUM VITAE

Name and Surname: Özlem Akman
Date of Birth: 1978
Academic Title: Professor Dr.
Work Address:
Email: ozlem.akman@demiroglu.bilim.edu.tr
Foreign Languages Known (Score and Year): English, C1 Advanced, 2019
Certificates Received: Train the Trainer
Deney Hayvanları Kullanım Sertifika Kursu
Deney Hayvanlarında Temel Uygulamalar Kursu
Area of Expertise: Neurophysiology
Temel Bilimler > Yaşam Bilimleri > Hidrobiyoloji > Sinir Bilimi

Degree	Department/Program	University	Year
Post Doctorate	Neurology / Developmental Epilepsy Lab.		2013
Doctorate	FİZYOLOJİ (DR)	Kocaeli University	2009
Bachelor's Degree	TIBBİ BİYOLOJİK BİLİMLER BÖLÜMÜ	İstanbul University	2000

Master's Thesis Title (abstract attached) and Thesis Supervisor(s):

Effects of Prior Febrile Seizures on Generalized Tonic–Clonic and Absence Epilepsy

Doctoral Thesis/Proficiency Study/Medical Specialization Thesis Title (abstract attached) and Supervisor(s):

The Role of the Cortex in Kindling-Induced Seizure Susceptibility in Genetic Absence Epilepsy Rats

Position Title	Workplace	Year
Professor Dr.	Demiroglu Science University	2021-Continues
Associate Professor	Demiroglu Science University	2016-2021
Research Assistant Dr.		2011-2013
Research Assistant	Kocaeli University	2004-2009

Supervised Master's Theses:

1. İntraoperatif end-tidal karbondioksit değışikliklerinin kan basıncı değışiklikleriyle ilişkisinin değerlendirilmesi (2021)

Supervised Doctoral Theses/Proficiency Studies in Arts:

1. Genetik absans epilepsili sıçanların kortikal beyin bölgelerinde kalsiyum bağlayan proteinlerin incelenmesi (2017)

Roles in Projects:

1. *Nigro-striatal dopaminerjik yolağın epileptogenezdeki rolünün araştırılması*, TUBITAK Project, Akman Ö., 2019-2022.
 2. *Febril Nöbet Sonrası Epileptogenez Sürecinin Araştırılması*, TUBITAK Project, Akman Ö., 2015-2018.
 3. *Developmental Regulation of Substantia Nigra–Mediated Seizure Control After Early-Life Status Epilepticus*, Project Supported by Public Organizations in Other Countries, Akman Ö., 2010-2013.
 4. *Absans Epilepsisi ile Temporal Lob Epilepsisi Arasındaki Karşılıklı Etkileşimde Substantia Nigra'nın Rolü*, TUBITAK Project, Akman Ö., 2011-2013.
 5. *WAG Rijırk sıçanların kindling duyarlılığında korteksin rolü*, TUBITAK Project, Akman Ö., 2006-2007.
-

Awards:

1. Türk Epilepsi ile Savaş Derneği, Esat Eşkazan Temel Bilimler Makale Ödülü (DOI: 10.1111/epi.16728) (2021)
 2. Türk Epilepsi ile Savaş Derneği, Esat Eşkazan Temel Bilimler Makale Ödülü (Akman et al, DOI: 10.1111/epi.13204) (2016)
 3. Beyin Araştırmaları Derneği, Novartis Eğitim ve Seyahat Bursu - Proje Ödülü (2010)
 4. Beyin Araştırmaları Derneği Boehringer Ingelheim Proje Destegi Ödülü (2006)
-

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

- A1.** Casillas-espınosa P., Wong J. C., Grabon W., Gonzalez-ramos A., Mantegazza M., Çarçak Yılmaz N., Patel M., Staley K., Sankar R., O'brien T. J. vd., "WONOEP appraisal: Targeted therapy development for early onset epilepsies", *Epilepsia*, vol. 66, no. 2, pp. 328-340, 2025.
- A2.** Çarçak N., Al Maawal S., Thergarajan P., Tan T. H. L., Mehta V. K., Baker T., Henshall D. C., Galanopoulou A. S., Akman Ö., Casillas-espınosa P. M. vd., "WONOEP XVII appraisal: The immunopathogenesis of epilepsy", *Epilepsia*, 2025.
- A3.** Akman Ö., Onat F., "Absence seizures: Update on signaling mechanisms and networks", *Epilepsia Open*, 2025.
- A4.** Cases-cunillera S., Quatraccioni A., Rossini L., Ruffolo G., Ono T., Baulac S., Auvin S., O'brien T. J., Henshall D. C., Akman Ö. vd., "WONOEP appraisal: The role of glial cells in focal malformations associated with early onset epilepsies", *Epilepsia*, vol. 65, no. 12, pp. 3457-3468, 2024.
- A5.** Quatraccioni A., Cases-cunillera S., Balagura G., Coleman M., Rossini L., Mills J. D., Casillas-espınosa P. M., Moshé S. L., Sankar R., Baulac S. vd., "WONOEP appraisal: Genetic insights into early onset epilepsies", *Epilepsia*, vol. 65, no. 11, pp. 3138-3154, 2024.
- A6.** De Meulemeester A., Reid C., Auvin S., Carlen P. L., Cole A. J., Szlendak R., Di Sapia R., Moshé S. L., Sankar R., O'brien T. J. vd., "WONOEP appraisal: Modeling early onset epilepsies", *Epilepsia*, vol. 65, no. 9, pp. 2553-2566, 2024.
- A7.** Wagstyl K., Kobow K., Casillas-espınosa P. M., Cole A. J., Jiménez-jiménez D., Nariari H., Baulac S., O'brien T., Henshall D. C., Akman Ö. vd., "WONOEP 2022: Neurotechnology for the diagnosis of epilepsy", *Epilepsia*, vol. 65, no. 8, pp. 2238-2247, 2024.
- A8.** İris N. E., Akman Ö., Akın D., Gün Atak P., Genç A. C., Şimşek F., Yildirmak T., Demircan G., "Vitamin D Deficiency and Receptor Polymorphisms as Risk Factors for COVID-19", *Jundishapur Journal of Microbiology*, vol. 16, no. 10, 2023.
- A9.** Toplu A., Mutlu N., Erdeve E. T., Saryıldız Ö., Çelik M., Öz Arslan D., Akman Ö., Molnár Z., Çarçak N., Onat F., "Involvement of orexin type-2 receptors in genetic absence epilepsy rats", *Frontiers in Neurology*, vol. 14, pp. 1282494, 2023.
- A10.** Çarçak Yılmaz N., Karanfil C., Akat Ş., Akman Ö., Onat F., "The effect of chronic treatment with sodium channel blocker lacosamide on early development of absence seizures in genetic absence epilepsy rats", *EPILEPSY RESEARCH*, vol. 182, 2022.
- A11.** Tugba E. K., Medine G. I. O., Akman Ö., Deniz K., Filiz O. Y., "Prolongation of absence seizures and changes in serotonergic and dopaminergic neurotransmission by nigrostriatal pathway degeneration in genetic absence epilepsy rats", *Pharmacology Biochemistry and Behavior*, vol. 213, 2022.
- A12.** Akman Ö., "THE EFFECT OF AGMATINE ON SPIKE-AND-WAVE DISCHARGES IN A GENETIC MODEL OF ABSENCE EPILEPSY", *JOURNAL OF ISTANBUL FACULTY OF MEDICINE-ISTANBUL TIP FAKULTESI DERGISI*, vol. 85, no. 1, pp. 15-21, 2022.

- A13.** Akman Ö., Utkan T., Arıcıoğlu F., Ateş N., Karson A., "THE EFFECT of AGMATINE on SPIKE-AND-WAVE DISCHARGES in A GENETIC MODEL of ABSENCE EPILEPSY AGMATİNİN GENETİK BİR ABSANS EPİLEPSİ MODELİNDE DİKEN-VE-DALGA DEŞARJLAR ÜZERİNE ETKİSİ", *Istanbul Tıp Fakültesi Dergisi*, vol. 0, 2022.
- A14.** Akman Ö., Briggs S. W., Mowrey W. B., Moshe S. L., Galanopoulou A. S., "Antiepileptogenic effects of rapamycin in a model of infantile spasms due to structural lesions", *Epilepsia*, vol. 62, no. 8, pp. 1985-1999, 2021.
- A15.** Akman Ö., Utkan T., Arıcıoğlu F., Güllü K., Ateş N., Karson A., "Agmatine has beneficial effect on harmaline-induced essential tremor in rat", *Neuroscience Letters*, vol. 753, 2021.
- A16.** Yavuz M., Aydın B., Çarçak N., Akman Ö., Yananlı H. R., Onat F., "Atipamezole, a specific $\alpha 2A$ antagonist, suppresses spike-and-wave discharges and alters Ca^{2+} /calmodulin-dependent protein kinase II in the thalamus of genetic absence epilepsy rats", *Epilepsia*, vol. 61, no. 12, pp. 2825-2835, 2020.
- A17.** Çarçak Yılmaz N., Şahiner A. M., Akman Ö., Gülçebi İdriz Oğlu M., Cortez M., Snead C., Eskazan E., Onat F., "Pharmacologically induced absence seizures *versus* kindling in Wistar rats", *NORTHERN CLINICS OF ISTANBUL*, vol. 7, no. 1, pp. 25-34, 2020.
- A18.** Arkan S., Kasap M., Akman Ö., Akpınar G., Ateş N., Karson A., "The lower expression of parvalbumin in the primary somatosensory cortex of WAG/Rij rats may facilitate the occurrence of absence seizures", *Neuroscience Letters*, vol. 709, 2019.
- A19.** Akman Ö., H Raol Y., Auvin S., Cortez M. A., Kubova H., De Curtis M., İkedo A., Dudek F. E., Galanopoulou A. S., "Methodologic recommendations and possible interpretations of video-EEG recordings in immature rodents used as experimental controls: A TASK1-WG2 report of the ILAE/AES Joint Translational Task Force", *Epilepsia Open*, vol. 3, 2018.
- A20.** Karamahmutoğlu T., Akman Ö., Gülçebi İdriz Oğlu M., Deniz K., Onat F., "An animal model for interaction between epilepsy and Parkinson's disease.", *Epilepsia*, 2018.
- A21.** Gülçebi İdriz Oğlu M., Çarçak Yılmaz N., Akman Ö., Karamahmutoğlu T., Onat F., "Evaluation of GAD67 immunoreactivity in the region of substantia nigra pars reticulata in resistance to development of convulsive seizure in genetic absence epilepsy rats", *NORTHERN CLINICS OF ISTANBUL*, vol. 3, no. 3, pp. 161-167, 2016.
- A22.** Yılmaz A. D., Gürol Çiftci G., Demiralp D. Ö., İğci N., Akman Ö., Ateş N., Karson A., "Proteome profile of extratemporal structures in amygdala kindling mesial temporal lobe epilepsy rat model: A preliminary study", *Current Proteomics*, vol. 13, no. 4, pp. 271-284, 2016.
- A23.** Akman Ö., Gulcebi M. I., Çarçak N., Ketenci Ozatman S., Eryigit T., Moshé S. L., Galanopoulou A. S., Yılmaz Onat F., "The role of the substantia nigra pars reticulata in kindling resistance in rats with genetic absence epilepsy", *Epilepsia*, vol. 56, no. 11, pp. 1793-1802, 2015.
- A24.** Gürol G., Demiralp D. Ö., Kasapoğlu Yılmaz A., Akman Ö., Ateş N., Karson A., "Comparative Proteomic Approach in Rat Model of Absence Epilepsy", *Journal of Molecular Neuroscience*, vol. 55, no. 3, pp. 632-643, 2015.
- A25.** Akman Ö., Moshe S. L., Galanopoulou A. S., "Early life status epilepticus and stress have distinct and sex-specific effects on learning, subsequent seizure outcomes, including anticonvulsant response to phenobarbital", *CNS Neuroscience and Therapeutics*, vol. 21, no. 2, pp. 181-192, 2015.
- A26.** Akman Ö., Moshe S. L., Galanopoulou A. S., "Sex-specific consequences of early life seizures", *Neurobiology of Disease*, vol. 72, pp. 153-166, 2014.
- A27.** Akman Ö., "The Gamma-Butyrolactone Model of Absence Epilepsy: Acute and Chronic Effects in Wistar Rats", *EPILEPSI*, vol. 19, no. 2, pp. 48-52, 2013.
- A28.** Iseri P. K., Karson A., Gullu K. M., Akman Ö., Köktürk S., Yardımcıoğlu M., Ertürk S., Ateş N., "The effect of memantine in harmaline-induced tremor and neurodegeneration", *Neuropharmacology*, vol. 61, no. 4, pp. 715-723, 2011.
- A29.** Akman Ö., Karson A., Aker R. G., Ateş N., Onat F. Y., "Perirhinal cortical kindling in rats with genetic absence epilepsy", *Neuroscience Letters*, vol. 479, no. 1, pp. 74-78, 2010.
- A30.** Akman Ö., Demiralp T., Ateş N., Onat F., "Electroencephalographic differences between WAG/Rij and GAERS rat models of absence epilepsy", *EPILEPSY RESEARCH*, vol. 89, pp. 185-193, 2010.
- A31.** Akman Ö., Karson A., Gülhan R., Ateş N., Onat F., "Hippocampal kindling in rats with absence epilepsy resembles amygdaloid kindling", *Epilepsy Research*, vol. 81, pp. 211-219, 2008.
- A32.** Alemdar M., Akman Ö., Selekler H., Komsuoğlu Ş., Ateş N., "Does metoprolol inhibit the cortical spreading depression? Acute effects of systematic metropol on CSD in rats", *Cephalalgia*, vol. 27, no. 9, pp. 1010-1013, 2007.
- A33.** Akman Ö., "Sensitivity to Febrile Seizures in Genetically Absence Epileptic WAG/Rij Rat Pups", *EPILEPSI*, vol. 11, no. 1, pp. 11-15, 2005.
- A34.** Ateş N., Akman Ö., Karson A., "The effects of the immature rat model of febrile seizures on the occurrence of later generalized tonic-clonic and absence epilepsy", *Developmental Brain Research*, vol. 154, no. 1, pp. 137-140, 2005.

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

- B1.** Akman Ö., Karson A., Investigating the harmaline-induced tremor in genetically epileptic WAG/Rij Rats., In: *35th International Epilepsy Congress*, Dublin, Ireland, 2024, pp. 231-232.
- B2.** Azaklı A. E., Kıçık A., Sungur N., Akman Ö., Hemodinamik Tablonun İzleminde End-Tidal Karbondioksit Düzeyi, In: *6th International Hippocrates Congress on Medical and Health Sciences*, Türkiye, 2021, pp. 30-31.

- B3.** Azaklı A. E., Kıçık A., Sungur N., Akman Ö., Evaluation of the Relationship between EndTidal Carbon Dioxide Levels and Arterial Pressure Measurements in the Intraoperative Period, In: *International Harran Health Sciences Congress-II*, Türkiye, 2021, pp. 302-303.
- B4.** Akman Ö., Ateş N., Karson A., Onat F., Electroencephalographic differences in kindling -induced afterdischarges among genetic absence rat model and wistar rats, In: *Conference: 33rd International Epilepsy Congress Location: Bangkok, THAILAND*, Bangkok, Thailand, 2019, pp. 136-136.
- B5.** Akman Ö., Borderland of epileptic and non-epileptic events, In: *33rd International Epilepsy Congress*, Bangkok, Thailand, 2019, pp. 32-33.
- B6.** Akman Ö., Moshe S. L., Galanopoulou A. S., Motor seizures and spike-wave bursts in adult rats with prior infantile spasms: value and limitations of focality in interpreting epileptic events, In: *XV Workshop on Neurobiology of Epilepsy-WONOE 2019*, Ayutthaya, Thailand, 2019, pp. 5-6.
- B7.** Akman Ö., Karamahmutoğlu T., Çarçak Yılmaz N., Gülçebi İdriz Oğlu M., Onat F., Effects of Early-Life Kindling Stimulations on Parvalbumin Immunoreactivity in Cortex and Thalamus of Gaers Rats, In: *13th European Congress on Epileptology*, Viyana, Austria, 2018, pp. 323-323.
- B8.** Karamahmutoğlu T., Gülçebi İdriz Oğlu M., Akman Ö., Kirik D., Onat F., An animal model for interaction between epilepsy and Parkinson's disease., In: *13th European Congress on Epileptology, Vienna, 2018*, Viyana, Austria, 2018, pp. 61-62.
- B9.** Akman Ö., İnce S., Çarçak Yılmaz N., Karamahmutoğlu T., Gülçebi İdriz Oğlu M., Çokar A. Ö., Onat F., DOES EARLY-LIFE KINDLING AFFECT THE CHARACTERISTICS OF SWDS IN ADULTHOOD IN RATS WITH GENETIC ABSENCE EPILEPSY?, In: *32nd International Epilepsy Congress*, Barselona, Spain, 2017, pp. 151-151.
- B10.** Gülçebi İdriz Oğlu M., Akman Ö., Çarçak Yılmaz N., Karamahmutoğlu T., Onat F., Comparison of Glutamic Acid Decarboxylase Immunoreactivity in Substantia Nigra Pars Reticulate between Genetic Absence Epileptic Rats and Nonepileptic Control Rats", In: *7th European Congress of Pharmacology*, İstanbul, Türkiye, 2016, pp. 135-135.
- B11.** Akman Ö., Gülçebi İdriz Oğlu M., Karamahmutoğlu T., Onat F., Effect of lidocaine injections into the SNRposterior on kindling resistance is not correlated with the SWDs occurrence in GAERS, In: *31st International Epilepsy Congress*, İstanbul, Türkiye, 2015, pp. 115-115.
- B12.** Akman Ö., Effects of kindling stimulations on parvalbumin immunoreactivity in substantia nigra pars reticulara of GAERS and Wistar rats, In: *11th European Congress on Epileptology*, Stokholm, Sweden, 2014, pp. 125-125.
- B13.** Akman Ö., Solomon M., Aristeo G., Effects of recurrent status epilepticus and stress on learning and the anticonvulsant phenobarbital effects, In: *AES Annual Meeting 2013*, Was, United States, 2014, pp. 100-101.
- B14.** Akman Ö., Brain c fos Expression in Rat Models of Infantile Spasms and Neonatal Status Epilepticus, In: *42nd Annual Meeting of the Child-Neurology-Society*, Washington, DC, United States, 2014, pp. 162-162.
- B15.** Akman Ö., Role of substantia nigra reticulata in kindling resistance in GAERS, In: *30th International Epilepsy Congress*, Montreal, Canada, 2013, pp. 148-148.
- B16.** Akman Ö., Effects of kindling stimulations on tyrosine hydroxylase immunoreactivity in substantia nigra pars reticulata of GAERS and Wistar Rats, In: *30th International Epilepsy Congress*, Montreal, Canada, 2013, pp. 357-357.
- B17.** Akman Ö., Briggs S. W., Galanopoulou A. S., Long term follow-up of the multiple hit rat model of symptomatic infantile spasms, In: *American Epilepsy Society 2012 Annual Meeting*, San Diego, United States, 2012, pp. 147-147.
- B18.** Akman Ö., Long term follow up of the multiple hit rat model of symptomatic infantile spasms, In: *American Epilepsy Society 2012 Annual Meeting*, Washington, United States, 2012, pp. 147-147.
- B19.** Akman Ö., Perirhinal cortical kindling in Genetic Absence Epilepsy Rat Strains, In: *9th European Congress on Epileptology, Jun 27 -July 01, 2010.*, Rodos, Greece, 2010, pp. 18-18.
- B20.** Akman Ö., Hippocampal Kindling in Rats with Absence Epilepsy Resembles Amygdaloid Kindling, In: *8th European Congress on Epileptology, Berlin. Sept 21 -25, 2008.*, Berlin, Germany, 2009, pp. 177-178.
- B21.** Akman Ö., Hippocampal kindling in rats with absence epilepsy, In: *Idiopathic generalized epilepsies (IGE): developmental Aspects; Bridging Basic Science and Clinical Research*, Antalya, Türkiye, 2007, pp. 42-42.
- B22.** Akman Ö., Effects of magnesium furosemid and metoprolol on spreading depression, In: *Sixteenth Meeting of the European Neurological Society, 27-31 May 2006*, Lozan, Switzerland, 2006, pp. 155-155.
- B23.** Arkan S., Kasap M., Akman Ö., Ateş N., Karson A., Investigation Of The Expression Of Calcium Binding Proteins In Somatosensorial Cortex Of Wag/rij Rats, In: *12th European Congress On Epileptology*, Prag, Czech Republic, 16, pp. 150-150.

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

C2. Chapters in national/international books written:

- C2.1.** Akman Ö., Kelly K. M., "Age and Sex in the Neurobiology of Epilepsies in Animal Models", *Epilepsy: A Comprehensive Textbook*, Wolters Kluwer, 2024.
- C2.2.** Akman Ö., "Reflexes, Posture, and Voluntary Control of Movement", *Ganong's Review of Medical Physiology: Exam Preparation and Review*, Güneş Tıp Kitabevleri, 2021.

C2.3. Akman Ö., "Smell and Taste", *Ganong's Review of Medical Physiology: Exam Preparation and Review*, Güneş Tıp Kitabevleri, 2021.

C2.4. Akman Ö., "Epilepsi ve Tedavisinde Klinik ve Deneysel Modellerde Biyobelirteç Olarak EEG", *Epilepsi ve Farmakoterapisi: Klinik ve Nörobiyolojik Yaklaşım*, Nobel Tıp Kitabevi, İstanbul, 2021.

C2.5. Ermutlu M. N., Akman Ö., Haciosmanoğlu E., "Dolaşım Dilimi Fizyolojisi", *Özet Fizyoloji*, Nobel, 2019.

D. Articles published in national peer-reviewed journals:

D1. Karamahmutoğlu T., Çarçak Yılmaz N., Şahiner A. M., Akman Ö., O Carter S., Eşkazan E., Onat F., "The Gamma Butyrolactone Model of Absence Epilepsy Acute and Chronic Effects in Wistar Rats Absans Epilepside Gama Butirolakton Modeli Wistar Sıçanlarda Akut ve Kronik Etkileri", *Epilepsi*, vol. 19, no. 2, pp. 48-52, 2013.

D2. Akman Ö., Ateş N., Karson A., "Genetik Absans Epilepsili WAG Rij Yavru Sıçanlarda Febril Nöbet Duyarlılığı Sensitivity to Febrile Seizures in Genetically Absence Epileptic WAG Rij Rat Pups", *Epilepsi*, vol. 11, no. 1, pp. 11-15, 2005.

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

E1. Akman Ö., Utkan T., Arıcıoğlu F., Ateş N., Karson A., Agmatinin Harmalin ile Oluşturulan Esansiyel Tremoru Azaltıcı Etkisi, In: 18. *Ulusal Sinirbilim Kongresi*, Ankara, Türkiye, 2020, pp. 111-112.

E2. Akman Ö., Epilepsilerin Nörobiyolojisinde Cinsiyet ve Yaş, In: 18. *Ulusal Sinirbilim Kongresi*, Ankara, Türkiye, 2020.

E3. Karamahmutoğlu T., Akman Ö., Gülçebi İdriz Oğlu M., Onat F., An animal model for interaction between epilepsy and Parkinson's disease, In: 16. *Ulusal Sinirbilim Kongresi*, İstanbul, Türkiye, 2018, pp. 95-95.

E4. Özdemir Ö., Yücesan E., Kesim Y., Akman Ö., Salman B., Uğur İşeri S. A., Özbek U., Investigation of epileptogenesis in the post-prolonged febrile seizure process, In: 16. *Ulusal Sinirbilim Kongresi*, İstanbul, Türkiye, 2018, pp. 38-38.

E5. Özdemir Ö., Yücesan E., Kesim Y., Akman Ö., Hüseyinbaş Ö., Salman B., Özbek U., Febril Nöbet Sonrası Epileptogenez Sürecinin Araştırılması, In: 53. *Ulusal Nöroloji Kongresi*, Antalya, Türkiye, 2017, pp. 46-47.

E6. Arkan S., Kasap M., Akman Ö., Ateş N., Karson A., The expression of calcium binding proteins on somatosensorial cortex of genetic absence epileptic WAG/Rij rats, In: 15. *Ulusal Sinirbilim Kongresi*, Sakarya, Türkiye, 2017, pp. 69-69.

E7. Akman Ö., Yaşamın Erken Dönemlerinde Görülen Nöbetlere Yatkınlıkta ve Bu Nöbetlerin Sonuçlarında Cinsiyet Farklılıkları, In: 14. *Ulusal Sinirbilim Kongresi*, Ankara, Türkiye, 2016, pp. 10-11.

E8. Karamahmutoğlu T., Gülçebi İdriz Oğlu M., Akman Ö., Çarçak Yılmaz N., Onat F., Genetik Absans Epilepsili Sıçanlar ile Kontrol Grubu Sıçanların Substantia Nigra Bölgesinde Glutamik Asit Dekarboksilaz İmmünoaktivitesinin Karşılaştırılması, In: 10. *Ulusal Epilepsi Kongresi*, İzmir, Türkiye, 2016, pp. 52-52.

E9. Özdemir Ö., Yücesan E., Kesim Y., Akman Ö., Uğur S., Şeker H., Özbek U., Febril nöbet sonrasında epileptogenez süreci genom boyu analizlerle sıçan modelinde araştırılması, In: 10. *Ulusal Epilepsi Kongresi*, İzmir, Türkiye, 2016, pp. 50-51.

E10. Akman Ö., Long-term epilepsy outcome in the Multiple Hit model of symptomatic infantile spasms., In: 12. *Ulusal Sinirbilim Kongresi*, İstanbul, Türkiye, 2014, pp. 45-45.

E11. Karamahmutoğlu T., Çarçak Yılmaz N., Şahiner A. M., Akman Ö., O Carter S., Eşkazan E., Onat F., Gama-Butirolakton ile Oluşturulan Absans Epilepsi Modelinde Kindling Gelişimine Direnç, In: 22. *Ulusal Farmakoloji Kongresi*, Antalya, Türkiye, 2013, pp. 323-323.

E12. Akman Ö., Densitometric analysis of dopaminergic neurons in substantia nigra and striatum in genetic absence epilepsy rat strain, In: 10. *Ulusal Sinirbilim Kongresi*, İstanbul, Türkiye, 2011, pp. 216-216.

E13. Akman Ö., The role of cerebellum in the control of generalized absence seizures, In: 10. *Ulusal Sinirbilim Kongresi*, İstanbul, Türkiye, 2011, pp. 113-113.

E14. Akman Ö., The Role of Substantia Nigra in Kindling Resistance in Genetic Model of Absence Epilepsy, In: 9. *Ulusal Sinirbilim Kongresi*, İstanbul, Türkiye, 2010, pp. 139-139.

E15. Akman Ö., The tremor-reducing and neuroprotective effects of memantine: a vibration analysis and immunohistochemical approach, In: 35. *Ulusal Fizyoloji Kongresi*, Ankara, Türkiye, 2009, pp. 84-84.

E16. Akman Ö., The role of proinflammatory cytokine levels in kindling process in genetic absence epileptic WAG Rij rats, In: 35. *Ulusal Fizyoloji Kongresi*, Ankara, Türkiye, 2009, pp. 79-79.

E17. Akman Ö., Genetik absans epilepsili sıçanlarda peririnal kortikal kindling direnci Resistance to Perirhinal Cortical Kindling Process in Rats with Genetic Absence Epilepsy, In: 8. *Ulusal Sinirbilim Kongresi*, Bolu, Türkiye, 2009, pp. 235-236.

E18. Akman Ö., A comparative analysis of spike and wave discharges of two rat models of absence epilepsy, In: 8. *Ulusal Sinirbilim Kongresi*, Bolu, Türkiye, 2009, pp. 167-168.

E19. Akman Ö., The effects of KCl induced cortical spreading depression on the kindling process, In: 6. *Ulusal Sinirbilim Kongresi*, Bolu, Türkiye, 2007, pp. 24-25.

E20. Akman Ö., The effect of memantin on harmalin induced tremor in rats, In: 5. *Ulusal Sinirbilim Kongresi*, Zonguldak, Türkiye, 2006, pp. 22-22.

- E21.** Akman Ö., The effects of metoprolol and furosemide on cortical spreading depression involved in migraine pathogenesis., In: 31. *Ulusal Fizyoloji Kongresi*, Gaziantep, Türkiye, 2005, pp. 35-35.
- E22.** Akman Ö., The effects of early febrile seizures on the sensitivity of PTZ in WAG Rij rats, In: 30. *Ulusal Fizyoloji Kongresi*, Konya, Türkiye, 2004, pp. 44-44.
- E23.** Akman Ö., Genetik absans epilepsili WAG Rij sıçanların febril nöbet duyarlılığı Sensitivity to Febrile Seizures in Genetically Absence Epileptic WAG Rij Rat Pups, In: 30. *Ulusal Fizyoloji Kongresi*, Konya, Türkiye, 2004, pp. 43-43.
- E24.** Akman Ö., The effects of febrile convulsions on generalized epilepsies, In: 30. *Ulusal Fizyoloji Kongresi*, Konya, Türkiye, 2004, pp. 43-43.
- E25.** Akman Ö., Changes in blood brain barrier permeability during hot water induced seizures in rats, In: 30. *Ulusal Fizyoloji Kongresi*, İzmir, Türkiye, 2002, pp. 41-41.