

Halil Güllüoğlu, MD

Associate Professor of Neurology (Doç. Dr.)

İzmir University of Economics – Faculty of Medicine, Dept. of Internal Medical Sciences, Neurology

Academic Curriculum Vitae — complete English translation (updated 27.06.2026)

Education

Medical Specialty (Residency), Neurology — Ege University, Faculty of Medicine, Department of Internal Medical Sciences, Neurology. 2005 – 25 October 2010.

Thesis: “ACE (I/D) – MTHFR C677T gene polymorphisms, matrix metalloproteinase-9 gene expression analyses, and cranial magnetic resonance imaging correlation in migraine patients with and without aura” (2010). Thesis advisor: Prof. Dr. Figen Gökçay.

Doctor of Medicine (MD) — Firat University, Faculty of Medicine. 1999 – 29 June 2005.

Academic Appointments

Associate Professor (Doçent) — İzmir University of Economics, Faculty of Medicine, Dept. of Internal Medical Sciences, Neurology. From 27.12.2024.

Assistant Professor (Dr. Öğr. Üyesi) — İzmir University of Economics, Faculty of Medicine, Neurology. From 20.09.2021.

Assistant Professor (Yardımcı Doçent) — İzmir University, Faculty of Medicine, Neurology. 05.08.2013 – 23.07.2016.

Assistant Professor (Yardımcı Doçent) — Çanakkale Onsekiz Mart University, Faculty of Medicine, Neurology. 11.09.2012 – 13.05.2013.

Research Assistant (Araştırma Görevlisi) — Ege University, Faculty of Medicine, Neurology. 24.10.2005 – 31.12.2010.

Memberships in Scientific Societies

1. Turkish Neurological Society – Cerebrovascular Diseases Working Group, Member (2025)
2. Turkish Neurological Society – Neurophysiology EMG-EEG Working Group, Member (2025)
3. Turkish Neurological Society – Multiple Sclerosis Working Group, Member (2025)
4. Turkish Clinical Neurophysiology EMG-EEG Society, Member (2024)
5. The International Parkinson and Movement Disorder Society (MDS), Member (2024)
6. European Academy of Neurology, Member (2023)
7. Turkish Neurological Society, Member (2007)
8. İzmir Multiple Sclerosis Association, Board Member (2023)

Courses Taught

All courses are undergraduate level and taught in English (medical curriculum).

2025-2026 & 2024-2025

Myopathies · Epilepsy · Motor Neuron Diseases · Approach to the Patient with Impaired Consciousness and Coma · Neurodegenerative Diseases · Approach to Peripheral Nervous System Diseases · Cerebrovascular Diseases.

2023-2024

Approach to the Patient with Impaired Consciousness and Coma · Cerebrovascular Diseases · Epilepsy · Approach to Peripheral Nervous System Diseases · Myopathies · Motor Neuron Diseases · Neurodegenerative Diseases · Cranial Nerve Examination.

A. Articles Published in International Peer-Reviewed Journals

1. Bülül Nazlı Gamze, Piri Çınar Bilge, Kunt Refik, Yüksel Burcu, Güllüoğlu Halil, Çeliker Uslu Sibel, Özyayın Göksu Eylem, Öz Didem, Keskin Ahmet Onur, Korucu Osman, Akpınar Çetin Kürşad, Solmaz Volkan, Altunç Fatma Zehra, Elmas Zeynep, Ekici Mustafa, Atmaca Murat Mert, Karşıdağ Sibel, Özdağ Mehmet Fatih (2026). Determinants of stroke recurrence in a nationwide multicenter cohort. *Turkish Journal of Neurology*, 33(2), 155-164. DOI: 10.55697/tnd.2026.613
2. Güllüoğlu Halil, Uysal Hasan Armağan, Şahbaz Fatma Gülhan, Şahin Erkan (2026). Associations Among CTA Collateral Scores, Multimodal MRI Lesion Volumes, and Clinical Severity in Acute Middle Cerebral Artery Infarction. *Journal of Clinical Medicine*, 15(6), 2417-2433. DOI: 10.3390/jcm15062417
3. Uysal Hasan Armağan, Poyraz Turan, Güllüoğlu Halil, İdman Fethi, İdman Egemen (2025). An artificial intelligence model for Lhermitte's sign in patients with pediatric-onset multiple sclerosis: A follow-up study. *Advances in Clinical and Experimental Medicine*, 34(2), 165-177. DOI: 10.17219/acem/196466
4. Uysal Hasan Armağan, Güllüoğlu Halil, Poyraz Turan, Başaran Simay, Var Levent, Eşkut Neslihan (2024). Validity and Reliability of the Turkish Version of the Behavioral and Psychological Symptoms of Dementia Knowledge Scale (BPSD-T): A Psychometric Evaluation Among Caregivers. *Turkish Journal of Psychiatry*, 35(4), 295-305. DOI: 10.5080/u27614
5. Güllüoğlu Halil, Uysal Hasan Armağan, Şahin Erkan (2024). The Relationship between CT Angiography Collateral Score and Biochemical Parameters during Acute Ischemic Stroke Caused by Middle Cerebral Artery Infarct. *Journal of Clinical Medicine*, 13(8), 1-12. DOI: 10.3390/jcm13082443
6. Güllüoğlu Halil, Uysal Hasan Armağan, Uludağ Burhanettin (2024). Contralateral Facial Innervation in Healthy Subjects and in Patients with Peripheral Facial Palsy. *Journal of Clinical Medicine*, 13(7), 1-12. DOI: 10.3390/jcm13071846
7. Uysal Hasan Armağan, Güllüoğlu Halil, Kuzu Kumcu Müge, Durmaz Çelik Fatma Nazlı (2024). Methyl alcohol intoxication in Izmir: A retrospective analysis. *Turkish Journal of Neurology*, 30(1), 31-36. DOI: 10.4274/tnd.2023.25738
8. Güllüoğlu Halil, Hünerli Duygu, Çakmur Raif, Dönmez Çolakoğlu Berril, Ada Emel, Yener Görsev (2024). Structural and Functional Changes in Mild Cognitive Impairment in Parkinson's Disease. *Medicina*, 60(1), 1-12. DOI: 10.3390/medicina60010033
9. Güllüoğlu Halil, Uysal Hasan Armağan, Poyraz Turan, Altun Zekiye, Kaya Derya, Özçelik Pınar, İdman Egemen (2023). Differences in the Differential Expression of MicroRNAs Between Patients with Familial Multiple Sclerosis and Those with Sporadic Multiple Sclerosis. *Meandros Medical and Dental Journal*, 24(4), 334-342. DOI: 10.4274/meandros.galenos.2023.71135
10. Uysal Hasan Armağan, Keskin Ahmet Onur, Güllüoğlu Halil, Yıldız Sarıkaya Fatma Gökçem (2023). Burnout in Turkish Adult Neurology Specialists. *Namik Kemal Medical Journal*, 11(3), 276-283. DOI: 10.4274/nkmj.galenos.2023.73644
11. Uysal Hasan Armağan, Güllüoğlu Halil (2023). Comparison of Facial Palsy Cases before and during the Pandemic Coronavirus Disease-2019. *Medical Journal of Bakırköy*, 19(2), 156-162. DOI: 10.4274/BMJ.galenos.2023.2022.8-5
12. Güllüoğlu Halil, Uysal Hasan Armağan (2022). Evaluation of Neuromuscular Functions in Hashimoto's Thyroiditis. *Osmangazi Journal of Medicine*, 44(6), 761-772. DOI: 10.20515/otd.1142946
13. Çiftçi Aykaç Şeyma, Süzen Ekinci Ayşen, Tabaklıoğlu Ayçin Yıldız, Güllüoğlu Halil, Aydoğdu İbrahim, Bademkiran Fikret, Uludağ Burhanettin, Araç Nilgün, Güler Ayşe (2022). What does epileptic nystagmus show us in cases presenting acute neurological symptoms? *Seizure: European Journal of Epilepsy*, 101, 184-189. DOI: 10.1016/j.seizure.2022.08.005
14. Kunt Refik, Piri Çınar Bilge, Yüksel Burcu, Güllüoğlu Halil, Sayılır İdris, Çeliker Uslu Sibel, Özyayın Göksu Eylem, Bülül Nazlı Gamze, Yıldız Baykal, Öz Didem, Keskin Ahmet Onur, Korucu Osman, Akpınar Çetin Kürşad, Solmaz Volkan, Akpınar Meliha, Altunç Fatma Zehra, Elmas Zeynep, Büyükuysal Çağatay, Ekici Mustafa, Güvendi Güven (2021). Clinical, epidemiological and radiological characteristics of stroke patients: A multicentre study. *International Journal of Clinical Practice*, 75(12), e14963. DOI: 10.1111/ijcp.14963
15. Piri Çınar Bilge, Kunt Refik, Yüksel Burcu, Güllüoğlu Halil, Sayılır İdris, Çeliker Uslu Sibel, Özyayın Göksu Eylem, Bülül Nazlı Gamze, Yıldız Baykal, Öz Didem, Keskin Ahmet Onur, Korucu Osman, Akpınar Kürşad, Solmaz Volkan, Akpınar Meliha, Altunç Fatma Zehra, Elmas Zeynep, Açıkgöz Bilgehan (2021). Assessment of the relation between the neutrophil to lymphocyte ratio and severity of ischemic stroke in a large cohort. *International Journal of Clinical Practice*, 75(4), e13955. DOI: 10.1111/ijcp.13955
16. Vural Atay, Şimşir Gülşah, Tekgül Şeyma, Koçoğlu Cemile, Akçimen Fulya, Kartal Ece et al. (incl. Güllüoğlu Halil) (2021). The Complex Genetic Landscape of Hereditary Ataxias in Turkey and Implications in Clinical Practice. *Movement Disorders*, 36(7), 1676-1688. DOI: 10.1002/mds.28518

17. Şen Nesli Ece, Drost Jessica, Gispert Suzana, Torres-odio Sylvia, Damrath Ewa, Klinkenberg Michael, Hamzeyi Hamid, Akdal Gulden, Güllüoğlu Halil, Başak A. Nazlı, Auburger Georg (2016). Search for SCA2 blood RNA biomarkers highlights Ataxin-2 as strong modifier of the mitochondrial factor PINK1 levels. *Neurobiology of Disease*, 96, 115–126. DOI: 10.1016/j.nbd.2016.09.002
18. Çelik Ufuk, Yurtay Nilüfer, Koç Emine Rabia, Tepe Nermin, Güllüoğlu Halil, Ertaş Mustafa (2016). Migraine, Tension-Type and Cluster-Type of Headaches Classification by Using Immunos Algorithms. *Journal of Medical Imaging and Health Informatics*, 6(5), 1173–1177. DOI: 10.1166/jmihi.2016.1930
19. Kumral Emre, Güllüoğlu Halil, Alakbarova Naila, Deveci Emrah Emre, Çolak Ayşe Y., Çağında Ayşe D., Evyapan Dilek, Orman Mehmet (2015). Cognitive Decline in Patients with Leukoaraiosis Within 5 Years after Initial Stroke. *Journal of Stroke & Cerebrovascular Diseases*, 24(10), 2338–2347. DOI: 10.1016/j.jstrokecerebrovasdis.2015.06.012
20. Çelik Ufuk, Yurtay Nilüfer, Koç Emine Rabia, Tepe Nermin, Güllüoğlu Halil, Ertaş Mustafa (2015). Diagnostic Accuracy Comparison of Artificial Immune Algorithms for Primary Headaches. *Computational and Mathematical Methods in Medicine*, 2015, 1–8. DOI: 10.1155/2015/465192
21. Özoğuz Aslıhan, Uyan Özgün, Birdal Güneş et al. (incl. Güllüoğlu Halil) (2015). The distinct genetic pattern of ALS in Turkey and novel mutations. *Neurobiology of Aging*, 36(4), 1764.e9–1764.e18. DOI: 10.1016/j.neurobiolaging.2014.12.032
22. Kumral Emre, Güllüoğlu Halil, Alakbarova Naila, Karaman Bedriye, Deveci Emrah Emre, Bayramov Aydın, Evyapan Dilek, Gökçay Figen, Orman Mehmet (2015). Association of Leukoaraiosis with Stroke Recurrence within 5 Years after Initial Stroke. *Journal of Stroke and Cerebrovascular Diseases*, 24(3), 573–582. DOI: 10.1016/j.jstrokecerebrovasdis.2014.10.002
23. Güllüoğlu Halil, Gökçay Figen, Durmaz Asude, Akın Haluk, Çallı Cem, Köse Timur (2015). ACE I/D and MTHFR C677T Gene Polymorphisms and Matrix Metalloproteinase-9 Gene Expression in Migraine Patients with and without Aura and Correlation with Cranial Magnetic Resonance Imaging Findings: A Case-Control Study. *Journal of Neurological Sciences-Turkish*, 32(2), 348–360.
24. Yapıcıoğlu Bülent, Çolakoğlu Muzaffer, Çolakoğlu Zafer, Güllüoğlu Halil, Bademkiran Fikret, Özkaya Özgür (2013). Effects of a Dynamic Warm-Up, Static Stretching or Static Stretching with Tendon Vibration on Vertical Jump Performance and EMG Responses. *Journal of Human Kinetics*, 39, 49–57. DOI: 10.2478/hukin-2013-0067
25. Çelebisoy Neşe, Karapolat Hale, Güllüoğlu Halil, Çelebisoy Mehmet, Köse Timur (2013). Foam Posturography: A Cheaper Way to Analyze Postural Stability in Peripheral Vestibular Disorders. *Journal of International Advanced Otolaryngology*, 9(1), 89–95.
26. Kumral Emre, Polat Fatma, Güllüoğlu Halil, Uzunköprü Cihat, Tunçel Rasim, Alpaydın Sezin (2011). Spinal ischaemic stroke: clinical and radiological findings and short-term outcome. *European Journal of Neurology*, 18(2), 232–239. DOI: 10.1111/j.1468-1331.2010.02994.x
27. Çelebisoy Neşe, Sağduyu Kocaman Ayşe, Güllüoğlu Halil, Yüceyar Ayşe Nur, Gökçay Figen, Köse Timur (2011). Optic Neuritis: Visual Outcome and Risk Factors for the Development of Multiple Sclerosis in Western Turkey. *Neuro-Ophthalmology*, 35(3), 115–120. DOI: 10.3109/01658107.2011.580888
28. Polat Fatma, Güllüoğlu Halil, Araç Nilgün (2010). Carbamazepine- and Oxcarbazepine-Induced Hyponatremia. *Archives of Epilepsy*, 16(2), 107–112.

B. Papers Presented at International Scientific Meetings and Published in Proceedings

1. Güllüoğlu Halil (2025). What is a Movement Disorder? Classification. *3rd National Geriatrics Days Symposium (with International Participation)* (Full-Text Paper / Invited Speaker).
2. Güllüoğlu Halil (2026). SB54 — Two Different Rare Faces of IgG4-Related Neurological Involvement. *3rd Congress of Neurogenetic and Neurometabolic Diseases*, 48. (Abstract / Oral Presentation).
3. Sandal Evren, Güllüoğlu Halil, Akay Ali (2023). Ipsilateral Supracerebellar-Transtentorial Approach for Parahippocampal Gyrus Ganglioglioma Resection in Park Bench Position. *3rd International Rhoton Society Meeting*, 283–285. (Full-Text Paper / Oral Presentation).
4. Uysal Hasan Armağan, Güllüoğlu Halil (2022). Restless Legs Syndrome in Multiple Sclerosis Patients. *IMCIDU'22 – 4th International Medical Congress of İzmir Democracy University*, 8–10. (Full-Text Paper / Oral Presentation).
5. Güllüoğlu Halil, Uysal Hasan Armağan (2022). Primary Progressive Multiple Sclerosis — How Should We Treat It? *ECOMS 2022 – Educational Cases of Multiple Sclerosis* (Abstract / Oral Presentation).
6. Güllüoğlu Halil, Uysal Hasan (2022). Plasma Exchange in Neuroimmunologic Disorders. *8th European Academy of Neurology (EAN) Congress*, 29(1), 819. (Abstract / Poster).

7. Güllüoğlu Halil, Uysal Hasan Armağan (2021). Review Due to a Patient we Followed up for Intracranial Hypotension. *Global Migraine & Pain Summit — 5th MENA Meeting & 3rd Turkish-African Meeting of Headache and Pain Management (GMPS)*, 38(1). (Abstract / Oral Presentation).
8. Güllüoğlu Halil, Uysal Armağan (2021). Cyclophosphamide treatment in Neuromyelitis Optica Spectrum Disorder. *7th European Academy of Neurology (EAN) Congress*, 28(1), 798. (Abstract / Poster).
9. Güllüoğlu Halil (2020). Citalopram and Duloxetine for the Treatment of Migraine Headache. *5th International Congress of Health Sciences and Family Medicine*, 260. (Abstract / Oral Presentation).
10. Güllüoğlu Halil, Uysal Hasan Armağan (2019). Critical Illness Polyneuropathy and Myopathy. *IMCIDU'19 – The International Medical Congress of İzmir Democracy University*, 396. (Abstract / Oral Presentation).
11. Çinar Bilge, Güllüoğlu Halil, Kunt Refik (2018). An Evaluation of the Relation Between Atrial Fibrillation and Smoking in Patients Undergoing Stroke. *ISPTID 14th Annual Conference*, 16(1), 27. (Abstract / Oral Presentation).
12. Aydoğdu İbrahim, Ekinci Ayşen, Güllüoğlu Halil, Tabakoğlu A., Çiftçi S., Güler Ayşe, Bademkiran Fikret, Araç Nilgün (2016). Evaluation of 11 Cases With Epileptic Nystagmus. *12th European Congress on Epileptology*, 57(2), 62. DOI: 10.1111/epi.13611 (Abstract / Poster).
13. Çekdemir Demet, Akad Soyer Nur, Güllüoğlu Halil, Yılmaz Gülgün, Töbü Mahmut (2009). Cauda Equina Involvement in Myeloma. *Second International Congress on Leukemia Lymphoma Myeloma*, 175. (Abstract / Poster).

C. Books / Book Chapters Authored (National & International)

C2. Chapters in Authored National / International Books

1. **Neurological Sciences Textbook (3 Volumes)**, chapter: “Cerebral Venous Thrombosis” (2022). Güllüoğlu Halil, Kumral Emre. Ege University Press, Faculty of Medicine Publication No. 61; Ed. Kumral Emre; 1st ed., 1887 pp., ISBN: 978-605-338-208-9. Turkish (Textbook).
2. **Neurological Sciences Textbook (3 Volumes)**, chapter: “Clinical Neurophysiology — Electroencephalography (EEG)” (2022). Güllüoğlu Halil. Ege University Press, Publication No. 61; Ed. Kumral Emre; 1st ed., 1887 pp., ISBN: 978-605-338-208-9. Turkish (Textbook).
3. **Neurological Sciences Textbook (3 Volumes)**, chapter: “PRES (Posterior Reversible Encephalopathy Syndrome)” (2022). Güllüoğlu Halil. Ege University Press, Publication No. 61; Ed. Kumral Emre; 1st ed., 1887 pp., ISBN: 978-605-338-208-9. Turkish (Textbook).
4. **Neurological Sciences Textbook (3 Volumes)**, chapter: “Other Demyelinating Diseases” (2022). Güllüoğlu Halil. Ege University Press, Publication No. 61; Ed. Kumral Emre; 1st ed., 1887 pp., ISBN: 978-605-338-208-9. Turkish (Textbook).
5. **Alzheimer's Disease**, chapter: “Nutrition in Alzheimer's Disease” (2021). Uysal Hasan Armağan, Güllüoğlu Halil, Borand Nurşen. Türkiye Klinikleri; Ed. Yener Görsev, Yılmaz Küsbeci Özge; 1st ed., 190 pp., ISBN: 978-625-401-591-5. Turkish (Scientific Book).
6. **Current Approaches in Neurology**, chapter: “Current Approaches to Paraneoplastic Neurological Syndromes” (2020). Güllüoğlu Halil. Akademisyen Publishing; Ed. Uysal Hasan Armağan; 1st ed., 275 pp., ISBN: 978-625-7275-34-7. Turkish (Scientific Book).
7. **DeJong's The Neurologic Examination**, chapter: “Olfactory Nerve” (2018). Güllüoğlu Halil. Güneş Medical Publishing; Ed. İnan Levent Ertuğrul; 6th ed., 834 pp., ISBN: 978-975-277-718-7. Turkish (Book Translation).
8. **Neurological Sciences Textbook (3 Volumes)**, chapter: “Spinal Cord Diseases — Inflammatory and Vascular Diseases of the Spinal Cord” (2018). Güllüoğlu Halil, Kumral Emre. Ege University Press, Publication No. 61; Ed. Kumral Emre; 1st ed., 1887 pp., ISBN: 978-605-338-208-9. Turkish (Textbook).
9. **DeJong's The Neurologic Examination**, chapter: “Optic Nerve” (2018). Güllüoğlu Halil. Güneş Medical Publishing; Ed. İnan Levent Ertuğrul; 7th ed., 834 pp., ISBN: 978-975-277-718-7. Turkish (Book Translation).
10. **DeJong's The Neurologic Examination**, chapter: “Review of the Anatomy of the Brainstem and Cranial Nerves” (2018). Güllüoğlu Halil. Güneş Medical Publishing; Ed. İnan Levent Ertuğrul; 7th ed., 834 pp., ISBN: 978-975-277-718-7. Turkish (Book Translation).
11. **Cecil Essentials of Medicine**, chapter: “Cerebrovascular Diseases” (2016). Güllüoğlu Halil, Güler Ayşe. Güneş Medical Publishing; Ed. Ünal Serhat; 9th ed., 1222 pp., ISBN: 978-975-277-646-9. Turkish (Book Translation).
12. **Vascular Diseases of the Central Nervous System**, chapter: “Clinical Classification of Strokes” (2011). Güllüoğlu Halil, Kumral Emre. Güneş Medical Publishing; Ed. Kumral Emre; 2nd ed., 1260 pp., ISBN: 978-975-277-347-9. Turkish (Scientific Book).

E. Papers Presented at National Scientific Meetings and Published in Proceedings

1. Güllüoğlu Halil (2025). Reflex Neuroanatomy and Examination. *Turkish Neurological Society 2nd Residents' School* (Full-Text Paper / Invited Speaker).
2. Güllüoğlu Halil (2025). IgG4-Mediated Diseases. *13th Neuroradiology School 2025* (Full-Text Paper / Invited Speaker).
3. Kürtüncü Murat, Ayaz Taha Burak, Emekli Ahmed Serkan, Gündüz Tuncay, Kıyloğlu Nefati, Köseoğlu Mesrur, Demir Mehmet, Güllüoğlu Halil (2025). SS-569 — The Effect of Spinal Reserve and Atrophy Rate on Long-Term Disability in Multiple Sclerosis Patients. *2025 National Neurology Congress*, 104. (Abstract / Oral Presentation).
4. Güllüoğlu Halil (2026). Nutrition, Microbiota and Immune Balance — Will Microbes Have a Say in Healing? *8th Symposium on Physiotherapy and Neurorehabilitation in Multiple Sclerosis* (Full-Text Paper / Invited Speaker).
5. Güllüoğlu Halil (2026). Diagnosis and Treatment Approaches in Neuroimmunological Diseases Through Cases. *14th Clinical Neuroimmunology Symposium* (Abstract / Invited Speaker).
6. Güllüoğlu Halil (2026). Autoimmune and Paraneoplastic Syndromes. *Aegean Neurology Days* (Full-Text Paper / Invited Speaker).
7. Güllüoğlu Halil (2026). Relapse / Pseudo-relapse Findings in MS Patients. *1st Multiple Sclerosis Congress 2026 – TURCTRIMS* (Full-Text Paper / Invited Speaker).
8. Güllüoğlu Halil, Uysal Hasan Armağan (2024). Fatal Guillain-Barré Syndrome due to Immune Checkpoint Inhibitors. *13th Clinical Neuroimmunology Symposium*, 47. (Abstract / Oral Presentation).
9. Güllüoğlu Halil, Uysal Hasan Armağan, Uludağ Burhanettin (2023). Contralateral Facial Innervation in Healthy Subjects and Patients with Peripheral Facial Palsy. *39th National Clinical Neurophysiology EEG-EMG Congress*, 84. (Abstract / Oral Presentation).
10. Güllüoğlu Halil, Uysal Hasan Armağan, Borand Nurşen, Yılmaz Küsbeci Özge (2023). Could It Be Neuro-Behçet? *11th Neuroradiology School* (Abstract / Poster).
11. Uysal Hasan Armağan, Güllüoğlu Halil, Yılmaz Küsbeci Özge (2022). Is Every Case of Diplopia of Neurological Origin? *58th National Neurology Congress*, 595. (Abstract / Poster).
12. Uysal Hasan Armağan, Güllüoğlu Halil, Yılmaz Küsbeci Özge (2022). Transient Lesion of the Splenium of the Corpus Callosum. *58th National Neurology Congress*, 583. (Abstract / Poster).
13. Uysal Hasan Armağan, Güllüoğlu Halil, Yılmaz Küsbeci Özge (2022). A Mild Dementia Case: LATE Syndrome. *58th National Neurology Congress*, 538. (Abstract / Poster).
14. Güllüoğlu Halil, Uysal Hasan Armağan, Borand Nurşen, Yılmaz Küsbeci Özge (2022). Can MOGAD Follow a More Aggressive Course than Neuromyelitis Optica? *58th National Neurology Congress*, 658. (Abstract / Poster).
15. Başaran Simay, Uysal Hasan Armağan, Güllüoğlu Halil, Yılmaz Küsbeci Özge (2022). Early-Onset Alzheimer's Disease Presenting with Acalculia: A Case Report. *12th National Alzheimer's Congress*, 58. (Abstract / Poster).
16. Güllüoğlu Halil, Uysal Hasan Armağan, Yılmaz Küsbeci Özge (2022). Creutzfeldt-Jakob Disease. *12th National Alzheimer's Congress*, 23. (Abstract / Oral Presentation).
17. Güllüoğlu Halil, Uysal Hasan Armağan, Borand Nurşen, Yılmaz Küsbeci Özge (2022). IgG4-Related Pseudotumoral Lesion. *Eskişehir Neurology Days – 3rd Neuro-Rheumatology Symposium*, 32. (Abstract / Oral Presentation).
18. Uysal Hasan Armağan, Güllüoğlu Halil, Borand Nurşen, Yılmaz Küsbeci Özge (2022). Three COVID-19 Cases Developing Lithium Intoxication. *Current Approaches to Diagnosis and Treatment in Movement Disorders* (Abstract / Poster).
19. Güllüoğlu Halil, Uysal Hasan Armağan (2022). Myasthenia Gravis Arising Due to Immune Checkpoint Inhibitor Use. *12th Clinical Neuroimmunology Symposium*, 24. (Abstract / Oral Presentation).
20. Borand Nurşen, Güllüoğlu Halil, Uysal Armağan, Yılmaz Küsbeci Özge (2022). CGRP Antagonists in Migraine: Erenumab and Galcanezumab — İzmir University of Economics Faculty of Medicine Neurology Outpatient Clinic Experience. *17th Uludağ Neurology Days*, 53. (Abstract / Oral Presentation).
21. Güllüoğlu Halil, Uysal Hasan Armağan, Borand Nurşen, Yılmaz Küsbeci Özge (2022). Use of Cyclophosphamide in the Treatment of Multiple Sclerosis. *17th Uludağ Neurology Days*, 61. (Abstract / Oral Presentation).
22. Güllüoğlu Halil, İdman Fethi, İdman Egemen (2021). Isolated Central Nervous System Sarcoidosis — Neurosarcoidosis. *Eskişehir Neurology Days – Neuro-Rheumatology Symposium*, 28. (Abstract / Oral Presentation).

23. Güllüoğlu Halil, Uysal Hasan Armağan, Borand Nurşen, Yılmaz Küsbeci Özge (2021). Spontaneous Intracerebral Hemorrhage — Hypertension Relationship. *19th National Hypertension and Cardiovascular Diseases Congress*, 76. (Abstract / Oral Presentation).
24. Güllüoğlu Halil, Uysal Hasan Armağan, Borand Nurşen, Yılmaz Küsbeci Özge (2021). Effect of the Neutrophil-to-Lymphocyte Ratio on Prognosis in Cerebral Venous Thrombosis. *16th Uludağ Neurology Days*, 46. (Abstract / Oral Presentation).
25. Uysal Hasan Armağan, Güllüoğlu Halil, Borand Nurşen, Yılmaz Küsbeci Özge (2021). Essential Tremor Resolving After Ischemic Stroke. *16th Uludağ Neurology Days*, 85. (Abstract / Poster).
26. Borand Nurşen, Güllüoğlu Halil, Uysal Armağan, Şahin Erkan, Yıldırım Utku Mahir, Serter Selim, Solak Aynur, Solak İlhami (2020). Fahr Syndrome: An Interesting Cause of Neck Pain. *41st National Radiology Congress*, 339-340. (Abstract / Poster).
27. Güllüoğlu Halil (2020). A Cause of Acute-Onset Quadriplegia: Guillain-Barré Syndrome. *1st National Emergency Medicine E-Congress*, 1. (Abstract / Oral Presentation).
28. Güllüoğlu Halil, Uysal Hasan Armağan (2019). Hypertensive Encephalopathy — Posterior Reversible Encephalopathy Syndrome (PRES). *17th National Hypertension and Cardiovascular Diseases Congress*, 1. (Abstract / Oral Presentation).
29. Güllüoğlu Halil, Uysal Hasan Armağan (2018). Recurrent Stroke — Relationship with Carotid Artery Atherosclerotic Plaque. *54th National Neurology Congress*, 35. (Abstract / Oral Presentation).
30. Güllüoğlu Halil (2018). Glatiramer Acetate Use During Pregnancy and Lactation. *54th National Neurology Congress*, 322. (Abstract / Poster).
31. Uysal Hasan Armağan, Güllüoğlu Halil, Eşkut Neslihan (2018). Two Cases with Coexistence of Idiopathic Parkinson's Disease and Myasthenia Gravis. *54th National Neurology Congress*, 232. (Abstract / Poster).
32. Güllüoğlu Halil, Elmas Zeynep (2018). Examination of Cerebral Hyperintense Lesions in Migraine Patients. *13th Çukurova Neurology Days* (Abstract / Oral Presentation).
33. Akyol Ali, Özkul Ayça, Güllüoğlu Halil, Gökçil Zeki (2018). An Epileptic Case Triggered by Cold Warning and the Sensation of Feeling Cold. *11th National Epilepsy Congress*, 53. (Abstract / Poster).
34. Güllüoğlu Halil, Uludağ Burhanettin (2009). Contralateral Innervation of the Orbicularis Oris Muscle in Peripheral Facial Palsy. *45th National Neurology Congress* (Abstract / Oral Presentation).
35. Güllüoğlu Halil, Sağduyu Kocaman Ayşe, Kumral Emre (2009). Primary Central Nervous System Lymphoma (Diffuse Large B-Cell Lymphoma): A Case Report. *45th National Neurology Congress* (Abstract / Oral Presentation).
36. Güllüoğlu Halil, Aydoğdu İbrahim, Araç Nilgün (2009). Epileptic Nystagmus. *45th National Neurology Congress* (Abstract / Oral Presentation).
37. Güllüoğlu Halil, Çolakoğlu Zafer (2008). Familial Hemifacial Spasm. *44th National Neurology Congress* (Abstract / Oral Presentation).
38. Güllüoğlu Halil, Uludağ Burhanettin (2007). Congenital Endplate Acetylcholinesterase Deficiency. *43rd National Neurology Congress*, 13, 38. (Abstract / Oral Presentation).
39. Güllüoğlu Halil, Sağduyu Kocaman Ayşe, Kumral Emre (2007). Paraneoplastic Subacute Pyramidal Degeneration: A Case Report. *43rd National Neurology Congress*, 13, 26. (Abstract / Oral Presentation).
40. Güllüoğlu Halil, Polat Fatma, Araç Nilgün (2007). Lamotrigine and Skin Rash. *43rd National Neurology Congress*, 13, 118-119. (Abstract / Poster).
41. Güllüoğlu Halil, Akyürekli Önder (2006). Paraneoplastic Paroxysmal Downbeat Nystagmus-Ataxia-Diplopia. *42nd National Neurology Congress*, 12, 134. (Abstract / Poster).

Technical Notes, Case Reports & Short Articles

1. **Case Report.** Başaran Simay, Uysal Hasan Armağan, Güllüoğlu Halil, Yılmaz Küsbeci Özge (2023). Seeing is Deceiving: Optic Neuritis Parading as Glioma. *Journal of Multiple Sclerosis Research*, 3(2), 37-39. DOI: 10.4274/jmsr.galenos.2023.2023-5-1
2. **Case Report.** Çekdemir Demet, Soyer Nur, Güllüoğlu Halil, Yılmaz Ovalı Gülgün, Töbü Mahmut (2018). Cauda equina involvement in newly diagnosed myeloma patient. *Clinical Case Reports and Reviews (CCRR)*, 4(3), 1-2. DOI: 10.15761/CCRR.1000395
3. **Case Report.** Özkan Adile, Güllüoğlu Halil, Karaman Özışık Handan Işık (2016). A Case of Subacute Combined Degeneration: Atypical Involvement of the Anterior Columns of the Spinal Cord. *Okmeydanı Medical Journal*, 32(4), 227-229.

4. **Case Report.** Mete Gökmen Nihal, Evyapan Dilek, Güllüoğlu Halil, Jara Maria, Sanchez Laura, Özsan Nazan, Dönmez Ayhan, Escibano Luis, Gökmen Erhan (2014). Frontal Lobe-Like Syndrome Due to Bee Sting. *Journal of Neurological Sciences (Turkish)*, 31(2), 398-407.
5. **Case Report.** Özkan Adile, Adam Gürhan, Güllüoğlu Halil, Çınar Celal, Uysal Fatma, Reşorlu Mustafa, Özdemir Hüseyin (2014). A Case of Indirect Carotid-Cavernous Fistula Presenting with Painful Total Ophthalmoparesis. *Journal of Haydarpaşa Numune Training and Research Hospital*, 54(2), 131-135.
6. **Case Report.** Evyapan Akkuş Dilek, Güllüoğlu Halil, Oran İsmail (2008). Cerebral Venous Thrombosis: A Review Prompted by a Case Due to Dural Arteriovenous Malformation. *Yeni Symposium*, 46(4), 170-183.
7. **Short Article / Letter.** Kumral Emre, Güllüoğlu Halil, Dramalı Banu (2007). Thalamic chronotaxis: isolated time disorientation. *Journal of Neurology, Neurosurgery and Psychiatry*, 78(8), 880-882. DOI: 10.1136/jnnp.2006.113654

Non-University (Clinical) Experience

Specialist in Neurology / Faculty Member — İzmir University of Economics Medical Point Hospital (Sentez Health Services Inc.), İzmir. From 06.07.2022. Formerly Medical Park İzmir Hospital; renamed Medical Point İzmir Hospital on 06.07.2022; affiliated with İzmir University of Economics. (Private)

Specialist in Neurology / Assistant Professor — Medical Park İzmir Hospital (Sentez Health Services Inc.), İzmir. 15.05.2013 – 05.07.2022. Renamed Medical Point İzmir Hospital on 06.07.2022. (Private)

Specialist in Neurology — Ministry of Health, İzmir Provincial Health Directorate, Tire State Hospital. 01.01.2011 – 30.08.2012. Compulsory public service. (Public)

Certificates (Congress & Symposium Participation)

1. Multiple Sclerosis Congress TURCTRIMS — delivered the talk “Relapse / Pseudo-relapse Findings in MS Patients” (06.06.2026, 15:45-17:15); Crowne Plaza Asia, İstanbul. 05-07.06.2026. (National)
2. 14th Clinical Neuroimmunology Symposium — spoke in the session “Diagnosis and Treatment Approaches in Neuroimmunological Diseases Through Cases-1” (30.04.2026, 17:30-19:00, Hall A); organized by Black Sea MS Association & Neuroimmunology Working Group, Hilton Dalaman Sarıgerme, Muğla. 30.04-03.05.2026. (National)
3. 3rd Neurogenetic and Neurometabolic Diseases Congress & 12th Rare Diseases School — presented the oral abstract “SB54 IgG4-Related Neurological Involvement — Two Different Rare Faces”; The Marmara Hotel, Taksim, İstanbul. 09-12.04.2026. (International)
4. Rare Diseases in Neurology Congress — oral abstract session chair (01.03.2026, 08:00-09:00); organized by the National Rare Diseases Association, Hyatt Regency Hotel, İzmir. 28.02-01.03.2026. (National)
5. 61st National Neurology Congress — poster session chair (14-15.12.2025); Antalya. 13-17.12.2025. (National)
6. Training on Preparing Scientific Research with Generative AI (Gen AI) Support in Health Sciences — TÜBİTAK 2237-A supported; İzmir University of Economics Faculty of Medicine, Medical Point Hospital. 06-07.12.2025. (National)
7. 5th Parkinson Autumn School (online). 15-16.11.2025. (National)
8. X. İstanbul MS Days, İstanbul. 21-24.10.2025. (International)
9. 12th Neuroimmunology School — oral abstracts session chair (10.05.2025, 08:00-08:50, Hall 1); Cyprus. 08-11.05.2025. (National)
10. 16th National Parkinson's Disease and Movement Disorders Congress; Bodrum La Blanche Island Hotel, Muğla. 27.04-01.05.2025. (National)
11. VII. Symposium on Physiotherapy and Neurorehabilitation in MS — session chair “New Developments in Rehabilitation, Technology in MS” (27.04.2025); İzmir. 25-27.04.2025. (National)
12. Child and Adolescent Neurology Spring School; Turkish Neurological Society Child & Adolescent Neurology Working Group (online). 15.03.2025. (National)
13. 1st Congress of the Deep Brain Stimulation Society; İstanbul Atlas University Vadi Campus, İstanbul. 03-05.01.2025. (National)
14. MS Days IX — participation; Dalaman, Muğla. 16-20.10.2024. (National)
15. 12th Neuroradiology School; Cyprus. 30.09-02.10.2024. (National)

- 16.** 6th Interventional Neurology Symposium & 6th Neuronutrition Symposium; Turkish Neurological Society, Kozyatağı-İstanbul. 06–09.06.2024. (National)
- 17.** Updates in Parkinson's Disease & Functional Movement Disorders Symposium; Turkish Parkinson's Disease Association, Dalaman-Muğla. 09–12.05.2024. (National)
- 18.** “MS'izm — An MS Gathering in İzmir” Congress; MS Research Association, İzmir. 19–21.05.2023. (National)
- 19.** 15th National Parkinson's Disease and Movement Disorders Congress; Turkish Parkinson's Disease Association, Dalaman-Muğla. 15–19.03.2023. (National)
- 20.** Controversial Ideas in Neurodegenerative Diseases 2022 Meeting; Turkish Alzheimer Association, İstanbul. 11–12.11.2022. (National)
- 21.** 38th ECTRIMS – 27th Annual RIMS Conference; Amsterdam, Netherlands. 26–28.10.2022. (International)
- 22.** 15th Neuropsychiatry Days; Turkish Neuropsychiatry Association. 15–16.10.2022. (National)
- 23.** Neuro-Ophthalmology / Neuro-Otology Symposium; Turkish Neurological Society (online). 15–17.04.2022. (National)
- 24.** V. Workshop on Sleep Medicine in Neurological Diseases; TND Sleep Medicine Working Group (online). 19.03.2022. (National)
- 25.** Neurodegenerative Diseases Symposium; Neurodegenerative Diseases Association. 12.02.2022. (National)
- 26.** 57th National Neurology Congress; Antalya. 26.11–02.12.2021. (National)
- 27.** Online MS Academy — participation. 26.04–31.10.2021. (National)
- 28.** Online MS Academy — Certificate of Achievement (completed successfully). 26.04–31.10.2021. (National)
- 29.** 6th Annual MENA-SINO Meeting; Ataköy, İstanbul (Hybrid). 22–24.10.2021. (International)
- 30.** EACCME – WLNC-OCIN Joint Meeting (online, Canada). 20–22.10.2021. (International)
- 31.** VI. Behavioral Neurology and Dementia School; TND (online). 03.10.2021. (National)
- 32.** V. Neuromuscular Diseases Congress; Neuromuscular Diseases Research Association (online). 24–26.09.2021. (National)
- 33.** II. Neuromuscular Diseases Online Symposium; TND (online). 26.09.2021. (National)
- 34.** 11th National Alzheimer Virtual Congress; Turkish Alzheimer Association (online). 21–25.09.2021. (National)
- 35.** MDS Virtual Congress; International Parkinson and Movement Disorder Society (online). 17–22.09.2021. (International)
- 36.** 14th National Parkinson's Disease and Movement Disorders Congress; Turkish Parkinson's Disease Association (online). 02–06.06.2021. (National)
- 37.** 12th National Epilepsy Congress; Turkish Epilepsy Society (online). 27–30.05.2021. (National)
- 38.** 9th Neurological Intensive Care Symposium; TND (online). 21–23.05.2021. (National)
- 39.** 10th Neuroimmunology School — Certificate of Appreciation; ANİD Ankara Neuroimmunology Association. 29.04–02.05.2021. (National)
- 40.** 10th Neuroimmunology School — participation; ANİD. 29.04–02.05.2021. (National)
- 41.** 3rd International Turkic World Multiple Sclerosis Congress (online). 02–04.04.2021. (International)
- 42.** 4th Turkey Stroke Academy; Turkish Cerebrovascular Diseases Society (online). 18–20.12.2020. (National)
- 43.** 11th Clinical Neuroimmunology Symposium; Koç University & Ondokuz Mayıs University (online). 19–21.11.2020. (National)
- 44.** Symposium on Algorithmic Approaches in Diagnosis and Treatment of Movement Disorders; Turkish Parkinson's Disease Association. 10–11.10.2020. (National)
- 45.** MY DAYS VI — participation; Neurological Research Support Association, İstanbul. 31.10–02.12.2019. (National)
- 46.** Turkish Neurological Society Board Qualification Written Examination — passed with 84.53/106; Antalya. 16.11.2019. (National)
- 47.** 3rd Turkey Stroke Academy; TND, Bodrum-Muğla. 03–06.10.2019. (National)
- 48.** TND – II. Neuromuscular Diseases Congress; TND, Çeşme-İzmir. 19–21.04.2019. (National)
- 49.** 13th National Parkinson's Disease and Movement Disorders Congress; Turkish Parkinson's Disease Association, Antalya. 11–14.04.2019. (National)
- 50.** 9th Neuroimmunology School; ANİD, Dalaman-Muğla. 04–07.04.2019. (National)
- 51.** TND Board Qualification Written Examination — passed with 83.00/106; Antalya. 04.12.2018. (National)

52. MS Days V — participation; Neurological Research Support Association, Cyprus. 02-04.11.2018. (National)
53. 2nd Turkey Stroke Academy; TND, Taksim-İstanbul. 14-16.09.2018. (National)
54. 11th National Epilepsy Congress; Turkish Epilepsy Society, Dalaman-Muğla. 03-06.05.2018. (National)
55. Credited Session Participation Certificates — TND National Neurology Congresses: 44th (2008), 45th (2009), 46th (2010), 47th (2011), 51st (2015), 52nd (2016), 53rd (2017). 11.11.2008-30.11.2017. (National)
56. TND Board Qualification Written Examination — passed with 82.12/106; Antalya. 28.11.2017. (National)
57. Tepecik Neurology Days Symposium – Current Treatments in Neurology; Ministry of Health Tepecik Training & Research Hospital & İzmir Neurology Association, İzmir. 14.10.2017. (National)
58. Stroke Thrombolysis and Neurovascularization Academy; TND, İstanbul. 08-10.09.2017. (National)
59. 8th Neuroimmunology School; ANİD, Cyprus. 30.03-02.04.2017. (National)
60. IX. Clinical Neuroimmunology Symposium; Aegean Neuroimmunology Association, Kuşadası-Aydın. 02-05.06.2016. (National)
61. 10th Epilepsy Congress; Turkish Epilepsy Society, Seferihisar-İzmir. 12-15.05.2016. (National)
62. 22nd National Applied Interventional Cardiology Meeting; Turkish Cardiology Society – Interventional Cardiology Union, İstanbul. 23-26.04.2015. (National)
63. 11th National Parkinson's Disease and Movement Disorders Congress; Parkinson's Disease Association, Antalya. 15-19.04.2015. (National)
64. 7th Neuroimmunology School; ANİD, Antalya. 05-08.03.2015. (National)
65. MS Academy Aegean; Aegean MS Working Group, İzmir. 20.12.2014. (National)
66. 9th World Stroke Congress + 24-credit “Uncommon Causes of Stroke” course; EACCME, İstanbul. 22-25.10.2014. (International)
67. The Joint Congress of European Neurology – ENS; EACCME, London-İstanbul. 31.05-03.06.2014. (International)
68. 30th National Clinical Neurophysiology EEG-EMG Congress; Turkish Clinical Neurophysiology EEG-EMG Society, Antalya. 16-20.04.2014. (National)
69. NÖBİVA XIV Symposium – VI. Rumeli Neuropsychiatry Days, Consultation Neurology; Turkish Neurological Sciences Foundation & Namık Kemal University, Tekirdağ. 10-12.05.2013. (National)
70. 10th National Parkinson's Disease and Movement Disorders Congress; Parkinson's Disease Association, Antalya. 01-05.05.2013. (National)
71. 29th National Clinical Neurophysiology EEG-EMG Congress; Turkish Clinical Neurophysiology EEG-EMG Society, Antalya. 03-07.04.2013. (National)
72. 10th Neuropathic Pain Symposium; TND, Antalya. 08-10.03.2013. (International)
73. 9th Botulinum Toxin Autumn Symposium; Ankara University Faculty of Medicine, Ankara. 12.10.2012. (National)
74. 7th Clinical Neuroimmunology Symposium; TND & Neuroimmunology Association, İstanbul University & İstanbul Bilim University, Çeşme-İzmir. 17-20.05.2012. (National)
75. 28th National Clinical Neurophysiology EEG-EMG Congress; Turkish Clinical Neurophysiology EEG-EMG Society, Antalya. 25-29.04.2012. (National)
76. The MS Neurology Academy Fall Edition; EACCME, Budapest, Hungary. 23-24.09.2011. (International)
77. 7th Headache Winter School; TND Headache Scientific Working Group, Kuşadası-Aydın. 24-28.02.2010. (National)
78. 8th National Parkinson's Disease and Movement Disorders Congress + Botulinum Toxin Applications Course; Parkinson's Disease Association, Marmaris-Muğla. 30.09-04.10.2009. (National)
79. 1st MS Spring Symposium; Antalya. 26-28.03.2009. (National)
80. 7th National Parkinson's Disease and Movement Disorders Congress; Parkinson's Disease Association, Bodrum-Muğla. 23-26.04.2008. (National)

Courses & Trainings Attended

1. ICH E6 (R2) GCP Investigator Site Training — “Novo Nordisk GCP Refresher for Investigators”; awarded 4 CPD credits by the Faculty of Pharmaceutical Medicine (Royal Colleges of Physicians, UK); Cert. No. NNINVRQ/0943, Brookwood Global (online). 24.07.2024. (International)
2. 5th Turkey Stroke Academy & Applications Course; Turkish Cerebrovascular Diseases Society (online). 17-19.12.2021. (National)

3. Interventional Neurology Training Meeting & Revascularization in Acute Ischemic Stroke Course; TND, Ankara. 23-24.12.2017. (National)
4. ENS Credited Course: Case-based decision making in multiple sclerosis; The Joint Congress of European Neurology, İstanbul. 31.05-03.06.2014. (International)
5. ENS Credited Course: Symptoms and disability management of multiple sclerosis; İstanbul. 31.05-03.06.2014. (International)
6. ENS Credited Course: Neuro-ophthalmology; İstanbul. 31.05-03.06.2014. (International)
7. 9th Epilepsy Congress + EEG Course; Turkish Epilepsy Society, Fethiye-Muğla. 15-19.05.2014. (National)
8. 8th Uludağ Neurology Days + Vertigo Course; Uludağ University Faculty of Medicine, Bursa. 28-31.03.2013. (National)
9. 27th National Clinical Neurophysiology EEG-EMG Congress + EMG Course; Turkish Clinical Neurophysiology EEG-EMG Society, Muğla. 27.04-01.05.2011. (National)
10. Good Publication Practices Course; Ege University Faculty of Medicine, İzmir. 17.09.2009. (National)
11. Postgraduate Epilepsy Interactive Training Program Meeting; SPIKE Education Group – Novartis. 26.11.2005. (National)

Clinical Studies / Trials (Sub-Investigator)

All trials below were/are conducted at İzmir University of Economics Medical Point Hospital, İzmir, with Dr. Güllüoğlu serving as Sub-Investigator.

1. **EVOKE (NN6535-4730)** — Sponsor: Novo Nordisk. Placebo-controlled, double-blind, randomized study evaluating the efficacy and safety of oral semaglutide in patients with early Alzheimer's disease (multinational). From 25.10.2021.
2. **EVOKE PLUS (NN6535-4725)** — Sponsor: Novo Nordisk. Placebo-controlled, double-blind, randomized study of oral semaglutide efficacy and safety in early Alzheimer's disease (multinational). From 25.10.2021.
3. **MK-7684A-008** — Sponsor: MSD. Randomized, double-blind, Phase 3 study evaluating MK-7684A plus etoposide/platinum followed by MK-7684A alone versus atezolizumab plus etoposide/platinum followed by atezolizumab alone as first-line treatment of extensive-stage small cell lung cancer. From 09.12.2022.
4. **POD1UM-304 (INCMGA0012-304)** — Randomized, double-blind, Phase 3 study of platinum-based chemotherapy with or without INCMGA0012 in first-line metastatic squamous and non-squamous NSCLC. Site PI: Prof. Dr. Çağatay Arslan. From 15.03.2022.
5. **GO43104** — Sponsor: Roche. Phase III, randomized, open-label, multicenter study of atezolizumab versus atezolizumab plus lurbinectedin as maintenance therapy following first-line induction with carboplatin, etoposide and atezolizumab in extensive-stage SCLC. From 27.04.2022.
6. **KAR-032** — Sponsor: Karuna Therapeutics (via PPD/Thermo Fisher). Phase 3, randomized, double-blind, placebo-controlled, parallel-group study evaluating the safety and efficacy of KarXT in the treatment of psychosis associated with Alzheimer's disease. From 27.06.2024.
7. **KEYNOTE-B21 (MK3475-B21 / ENGOT-en11 / GOG-3053)** — Sponsor: MSD. Phase 3, randomized, double-blind study of pembrolizumab versus placebo, with or without radiotherapy, in combination with adjuvant chemotherapy, for newly diagnosed high-risk endometrial cancer after curative surgery. From 31.03.2022.
8. **KEYNOTE-867 (MK3475-867)** — Sponsor: MSD. Phase 3, randomized, placebo-controlled study of stereotactic body radiotherapy (SBRT) with or without pembrolizumab in unresected Stage I or IIA NSCLC. From 29.03.2022.
9. **LEAP-010 (MK7902-010)** — Sponsor: MSD. Phase 3, randomized, placebo-controlled, double-blind study of pembrolizumab with or without lenvatinib as first-line treatment in the PD-L1-selected population with recurrent/metastatic squamous cell head and neck carcinoma (R/M HNSCC). From 19.04.2022.
10. **KEYNOTE-365 (MK3475-365)** — Sponsor: MSD. Phase Ib/II study of pembrolizumab combination therapies in metastatic castration-resistant prostate cancer (mCRPC). From 11.05.2022.

Assessments & Qualifications

1. MS Days II — Certificate of Appreciation for Participation (2015); Neurological Research Support Association & Turkish Multiple Sclerosis Association, İstanbul. 13-15.11.2015. (National)

2. Technical Assistance for Alignment in Organ Donation (EU-funded project) — “Specialist Physician Training Programme” completion certificate; General Directorate of Health Services, İzmir. 15-17.01.2015. (International)
3. Documented experience in neurological intensive care and thrombolytic therapy in acute ischemic cerebrovascular disease; Ege University Faculty of Medicine, Department of Neurology. 31.05.2012. (National)

Invited Talks & Presentations

1. Progressive Multifocal Leukoencephalopathy (PML): Epidemiology, Clinical Manifestation, Diagnosis, Treatment and Prognosis — Turkish Neurological Society, Neuroimmunology Working Group Journal Hour X Webinar. 22.06.2026. (National)
2. Nutrition, Microbiota and Immune Balance — Will Microbes Have a Say in Healing? — 8th Symposium on Physiotherapy and Neurorehabilitation in MS, Session 7: Holistic Approaches in MS, Diyarbakır. 13-15.02.2026. (National)
3. IgG4-Mediated Diseases — 13th Neuroradiology School 2025, Antalya. 12.11.2025. (National)
4. Reflex Neuroanatomy and Examination — Turkish Neurological Society 2nd Residents' School, Kuşadası-Aydın. 24.10.2025. (National)
5. What is a Movement Disorder? Classification — 3rd National Geriatrics Days Symposium (with International Participation), İzmir. 24.10.2025. (International)
6. Longitudinally Extensive Transverse Myelitis — Aegean MS Working Group Meeting Series-5, Mövenpick Hotel Alsancak, İzmir. 26.05.2025. (National)
7. IgG4-Related Neurological Diseases — Turkish Neuroradiology Society, Neuroradiology Academy Online Meeting. 24.02.2025. (National)
8. Aegean MS Working Group Meeting Series-IV: Case 2 — Aegean MS Working Group, İzmir (Live). 20.05.2024. (National)
9. MS, NMOSD and MOGAD Brain: Let's Compare; My Summary — 8th Symposium on Cognition in MS, “Brain Agenda / Brain Age”, MS Research Association, İzmir. 18-19.05.2024. (National)
10. The Four Faces of Optic Neuritis — İzmir University of Economics Dept. of Neurology: Toxic Optic Neuropathies, Medical Point Hospital Ata Hall, İzmir. 04.10.2023. (National)
11. Rare Neuroimmunological Diseases — Turkish Neuroradiology Society Webinar (Online Zoom). 29.05.2023. (National)
12. Autoimmune Encephalitides — Turkish Neuroradiology Society Webinar / Neuroradiology Academy (Online Zoom). 01.05.2023. (National)
13. Case-2: MOGAD — Joint Meeting of İzmir MS Association and Aegean MS Working Group, Narlıdere, İzmir. 04.01.2023. (National)
14. Inflammatory Diseases of the Spinal Cord — Turkish Neuroradiology Society Webinar (Online Zoom). 03.10.2022. (National)
15. Neurological Complications Due to Immune Checkpoint Inhibitors — Turkish Neurological Society, Young Neurologists Working Group Webinar (Online Zoom). 08.09.2022. (National)
16. IgG4-Related Neurological Diseases — Turkish Neurological Society, Young Neurologists Working Group Webinar (Online Zoom). 16.06.2022. (National)
17. Approach to Spinal Cord Diseases from a Neurologist's Perspective — Turkish Neuroradiology Society Webinar (Online Zoom). 09.05.2022. (National)
18. Demyelinating Diseases and Malignancy — Case 4: Optic Neuritis? Optic Glioma — Aegean MS Working Group Meeting (Online Zoom). 28.04.2022. (National)
19. Diagnostic & Follow-up Value of MRI in Demyelinating Diseases in Children and Adults — İzmir MS Association (Online Zoom). 06.09.2021. (National)
20. Neurology and Hypertension — 15th Congress on Fighting Hypertension, Antalya. 27-30.04.2017. (National)
21. Neurological Patient Consultations in Intensive Care Units — 14th NÖBİVA Symposium / 6th Rumeli Neuropsychiatry Days, Ramada Hotel, Tekirdağ. 11.05.2013. (National)
22. Epidemiology of Parkinson's Disease — Early Diagnosis and Treatment in Parkinson's Disease, Çanakkale Onsekiz Mart University, Kolin Hotel, Çanakkale. 15.03.2013. (National)

- 23.** Neuropathic Pain: Etiology-Epidemiology; Neurophysiological Investigations in Neuropathic Pain — Multidisciplinary Diagnosis and Treatment of Neuropathic Pain Update Meeting, Truva Hotel, Çanakkale. 13.01.2013. (National)
- 24.** Emergency Approach to the Acute Ischemic Stroke Patient — Symposium on Approach to Emergency Cases, Çanakkale Onsekiz Mart University, Çanakkale. 13.12.2012. (National)
- 25.** Symptoms, Types and Definition of Relapse in Multiple Sclerosis — Meeting on Diagnosis, Treatment & Follow-up of MS in Family Medicine Practice, Truva Hotel, Çanakkale. 14.11.2012. (National)
- 26.** Anti-NMDA Receptor Encephalitis — Neurology Clinics Case Meeting, Çanakkale Onsekiz Mart University, Kolin Hotel, Çanakkale (with Dr. Çağdaş Balcı, Prof. Dr. Handan Işın Özişik Karaman). 12.02.2012. (National)
- 27.** A Case with Coexistent Tethered Cord and Spinal Dural Arteriovenous Fistula — Aegean Neurology Meeting, TND, İzmir. 05.01.2007. (National)
- 28.** Paraneoplastic Paroxysmal Downbeat Nystagmus-Ataxia-Diplopia — Aegean Neurology Meeting, TND, İzmir. 06-07.01.2006. (National)
- 29.** Creutzfeldt-Jakob Case Report — Aegean Neurology Meeting, TND, İzmir. 06-07.01.2006. (National)
- 30.** Congenital Endplate Acetylcholinesterase Deficiency — Aegean Neurophysiology Meeting, TND, İzmir. 06-07.01.2006. (National)
- 31.** Limbic Encephalitis Due to Cytomegalovirus Infection: A Case Report — Aegean Neurology Meeting, TND, İzmir. 02.12.2005. (National)

Complete English translation of the original Turkish academic CV (updated 27 June 2026). Author names retain their original Turkish spelling; journal names, DOIs, dates and identifiers are preserved as in the source. Abbreviations: TND = Turkish Neurological Society; ANİD = Ankara Neuroimmunology Association.