



Gülsen BABACAN-YILDIZ

Nöroloji Profesörü

Adres: İstanbul Eğitim ve Araştırma Hastanesi, İstanbul/Türkiye

Tel: 0 212 201 58 58

GSM: 0 543 227 99 02

Web: www.gulsenbabacan.com

E-mail: drgbabacan@gmail.com

EĞİTİM

- **Selçuk Üniversitesi**, Tıp Fakültesi, 1987-1993
- **Boğaziçi Üniversitesi**, Deneysel Psikolojisi, 1996-2000
- **Sisli Etfal Eğitim ve Araştırma Hastanesi** Nöroloji Kliniği, Asistan Doktor, 2000- 2005
- **İstanbul Üniversitesi Tıp Fakültesi**, Nöroloji AD, Davranış Nörolojisi ve Hareket Bozuklukları Birimi, May 2005-2010
- **California Üniversitesi**, San Francisco (UCSF), Memory and Aging Center, Visiting Scholar, 2013
- **Bezmialem Vakıf Üniversitesi**, Tıp Fakültesi Nöroloji AD, 2010-2021
- **Biruni Vakıf Üniversitesi**, Tıp Fakültesi Nöroloji AD, 2023-Halen

BİLİMSEL KURULUŞLARA ÜYELİKLER

- Ulusal Nöroloji Derneği
- Ulusal Alzheimer Derneği
- Ulusal Parkinson Derneği

NÖROLOJİ UZMANLIK TEZİ

- Oksipital Lob Epilepsilerinde Nöropsikolojik Değerlendirme

YÖNETİLEN NÖROLOJİ UZMANLIK TEZLERİ

- İdiyopatik Parkinson Hastalığında Motor ve Non-motor Semptomlar ve Yaşam kalitesine Etkileri (2015)
- Multimodal egzersiz programının İdiyopatik Parkinson Hastalığında motor ve motor olmayan semptomlar üzerine etkisi ve alfa-sinüklein düzeyi ile klinik korelasyonu (2020)

ESERLER

A) Uluslararası hakemli dergilerde yayımlanan makaleler:

1. Korkmaz, N. D., Elibol, B., Süsgün, S., Toruntay, C., Bayrakoğlu, A., Yuzgulec, M., **Yıldız, G. B.** & Sümbül, B. (2024). Relationship between BDNF and LPS levels in the blood of patients with different neurological diseases: a small cohort study. *Experimed*, 14(2), 92-101.
2. Haciosmanoglu Aldogan, E., Elibol, B., Korkmaz, N. D., Karakayali, Z. C., & **Yıldız, G. B.** (2025). Plasma Levels of Chitinase 3-Like I Protein Increase in Patients With Neurodegenerative Diseases: A Small Cohort Study. *Geriatrics & gerontology international*, 25(12), 1955-1961.
3. Baran, G., Yıldız, S. S., Oner, O. G., Gurdal, A., Keskin, K., Sigirci, S., ... & **Babacan Yıldız, G.** (2024). Evaluation of cognitive functions in patients with acute coronary syndrome undergoing percutaneous coronary intervention: a prospective pilot study. *Diagnostics*, 14(14), 1492.
4. Yurtsever, I., Atasoy, B., Bozkurt, S., **Yıldız, G. B.**, Balsak, S., Yabul, F., ... & Alkan, A. (2024). Diffusion tensor imaging findings in the hunger and satiety centers of the brain after bariatric surgery: a preliminary study. *Irish Journal of Medical Science (1971-)*, 193(1), 191-197.
5. Gelisin, O., Susgun, S., Toruntay, C., Yabaci, A., Baran, G., Gursoy, A. E. B., **Babacan Yıldız G** & Yucesan, E. (2023). Evaluation of miR-526b-3p, miR-1179, miR-3529-3p, miR-5011-5p as potential diagnostic biomarkers in isolated cervical dystonia. *Revue Neurologique*, 179(6), 563-569.
6. **Babacan Yıldız G.**, Kayacan, Z.C., Karacan, I. et al. Altered gut microbiota in patients with idiopathic Parkinson's disease: an age-sex matched case-control study. *Acta Neurol Belg* **123**, 999– 1009 (2023).
7. Yurtsever I, Atasoy B, Bozkurt S, **Babacan Yıldız G**, Balsak S, Yabul F, Donmez Z, Selvitop R, Karaman O, Toluk O, Alkan A. Diffusion tensor imaging findings in the hunger and satiety centers of the brain after bariatric surgery: a preliminary study. *Ir J Med Sci*. 2023 May 25.
8. Gozde B, Ozlem G, **Babacan Yıldız G**. Acute parkinsonism due to transdermal methanol intoxication: First report. *Ideggyogy Sz*. 2023 Mar 30;76(3-4):141-144.
9. Koca S, Kiriş I, Sahin S, Cinar N, Karsidag S, Hanagasi HA, **Babacan Yıldız G**, Tarik Baykal A. Decreased levels of cytokines implicate altered immune response in plasma of moderate-stage Alzheimer's disease patients. *Neurosci Lett*. 2022 Aug 24;786:136799.
10. Aksu, S., Uslu, A., İşçen, P., **Babacan Yıldız G** et al. Does transcranial direct current stimulation enhance cognitive performance in Parkinson's disease mild cognitive impairment? An event-related potentials and neuropsychological assessment study. *Neurol Sci* **43**, 4029–4044 (2022).

11. Bektay, M.Y., Gökçe, M., Selvitop, R., Bolat, E., & **Babacan Yıldız G.** (2021) . "Investigation of the Effects of Polypharmacy on Cognitive Functions: Cohort Study." *Indian Journal of pharmaceutical eEducation and Research* , vol.55, no.1.
12. Tunca C, Şeker T, Akçimen F, **Babacan Yıldız G.** et al. Revisiting the complex architecture of ALS in Turkey: Expanding genotypes, shared phenotypes, molecular networks, and a public variant database. *Hum Mutat.* 2020 Aug;41 (8):e7-e45.
13. Uslu FI, Elif G, Gürsoy AE, Kolukisa M, **Babacan Yıldız G.** Creutzfeldt-Jakob Disease: A single center experience and systemic analysis of cases in Turkey. *Idегgyogy Sz.* 2020 May 30;73(05-06): 177-184.
14. Yildizhan Sengul, Hakan Serdar Sengul, Elif Gokcal, Ismet Ustun, Ahmet Ozturk, Onur Yilmaz, **Babacan Yıldız G** & Elan D. Louis. *Neurological Research.* Volume 42, 2020 - [Issue 11](#)
15. Abdulkadir Tunç, Azize Esra Gürsoy, Vildan Güzel, Elif Gökçal, **Babacan Yıldız G.** Colchicine- induced myoneuropathy with myotonia in a patient with familial Mediterranean fever. *Acta Neurol Belg* 120, 687–688. 2020.
16. Merve Çebi, **Babacan Yıldız G**, Öget Öktem Tanör & Hakan Gürvit Discrimination ability of the Short Test of Mental Status (STMS) compared to the Mini Mental State Examination (MMSE) in the spectrum of normal cognition, mild cognitive impairment, and probable Alzheimer's disease dementia: The Turkish standardization study, *Journal of Clinical and Experimental Neuropsychology*, 42:5, 450-458. 2020.
17. Uslu FI, Elif G, Gürsoy AE, Kolukisa M, **Babacan Yıldız G.** Creutzfeldt-Jakob Disease: A single center experience and systemic analysis of cases in Turkey. *Idегgyogyaszati Szemle.* May;73 (05-06): 177-184. 2020.
18. Tugcu, B., Melikov, A., **Babacan Yıldız G.** et al. Evaluation of retinal alterations in Parkinson disease and tremor diseases. *Acta Neurol Belg* 120, 107–113. 2020.
19. Atasoy B., Aralasmak A., Cetinkaya E., Toprak H., Toprak A., Tokdemir S., **Babacan Yıldız G**, Alkan A., Normal Pressure Hydrocephalus: Clinical Symptoms, Cerebrospinal Fluid Flow Metrics and White Matter Changes.-, *Journal of computer assisted tomography*, cilt.44, ss.59-64. 2020
20. K Wojta, M Filippi, GW Small, **Babacan Yıldız G**, A Levey, CS DeCarli, CW Cotman. Frequency of the TREM2 R47H Variant in Various Neurodegenerative Disorders.-, *Alzheimer disease and associated disorders*, cilt.33, ss.327-330, 2019.
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22. Baran G., Gultekin T., Baran O., Deniz C., Katar S., **Babacan Yıldız G**, et al., "Association between etiology and lesion site in ischemic brainstem infarcts: a retrospective observational study.", *Neuropsychiatric Disease and Treatment*, vol.14, pp.757-766, 2018.
23. Ana Lopez and others, A152T tau allele causes neurodegeneration that can be ameliorated in a zebrafish model by autophagy induction, *Brain*, Volume 140, Issue 4, April 2017, Pages 1128–36 .
24. **Babacan Yıldız G** , Yacı Ö, Akça Z, Baral-Kulaksızoğlu I. Reliability and Validity of the Abbreviated Turkish Version of the Zarit Caregiver Burden Interview. *Bezmialem Science.* 4: 60-64). DOI: 10.14235/bs.2016.489. 2016.

25. Gökçal E, **Babacan-Yıldız G** .Treatment of Motor Symptoms in Idiopathic Parkinson's Disease. *Bezmialem Science* ; 3: 43-47. DOI: 10.14235/bs. 2015.
26. **Babacan Yıldız G** , E. Ur-Özçelik, M. Kolukisa, E. Gursoy G. Kocaman, A. Celebi. Validity and Reliability Studies of Modified Mini Mental State Examination (MMSE-E) For Turkish Illiterate Patients With Diagnosis of Alzheimer Disease. *Türk Psikiyatri Dergisi*; 26. 2015.
27. **G.Babacan-Yıldız**, A.T. Isik, E. Ur, E. Aydemir, C. Ertas, M. Cebi, P. Soysal, E. Gursoy, M. Kolukisa, G. Kocaman A. Celebi. COST: Cognitive State Test, a brief screening battery for Alzheimer disease in illiterate and literate patients. *International Psychogeriatrics*. 1-10; 10.1017/ S1041610212001780.2012.
28. **G.Babacan-Yıldız**, H. Hanagası, H. Gurvit, G. Sirin, S. Solakoglu, O. Su Kucuk. A rare dementing disease: Adult Neuronal Ceroid Lipofuscinoses. *The Journal of Neuropsychiatry and Clinical Neurosciences*. ; 24:1-6. 2012.
29. **G.Babacan-Yıldız**, E. Gursoy, M. Kolukisa, F. Karaköse, E. Akkoyunlu, A. Celebi, E. Lohmann. Clinical features of a large Turkish pedigree with Restless Leg Syndrome and Periodic Limb Movements. *Sleep and Breathing International Journal of the Science and Practice of Sleep Medicine*. Aug 2. 2012.
30. **G.Babacan-Yıldız**, E. Gursoy, M. Kolukisa, and A. Celebi. Restless Legs Syndrome Responsive to Rasagiline Treatment: A Case Report. *Clinical Neuropharmacology*. Volume 35, Number 2, March/ April 2012.
31. AE Gursoy, **G Babacan- Yıldız**, M Kolukisa, A Celebi. Idiopathic spinal accessory nerve palsy: A case report and review of the literature. *Neurology India*. Jan-Feb 2013, Vol: 61 Issue 1.
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33. A.T. Isik, **G.Babacan Yıldız**, E. Bozoglu, A. Yay, E. Aydemir. Cardiac Safety of Donepezil in Elderly Patients with Alzheimer Disease. *Internal Medicine*. 51: 575-578, 2012.
34. AE Gursoy, M Kolukisa, **G.Babacan-Yıldız**, Ö Altıntaş, A Yaman, T Asil. Reversible conduction failure in overlap of Miller Fisher syndrome and pharyngeal-cervical-brachial variant of Guillain- Barré syndrome in the spectrum of nodo-paranodopathies. *Clin Neurosci*. 2014.
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36. E. Lohmann, B. Dursun, S. Lesage, H.A. Hanagasi, G. Sevinc, A. Honore, B. Bilgic, H. Gurvit, O. Dogu, H. Kaleagasi, **Babacan Yıldız G** , J. Yazici, N. Erginel-Unaltuna, A. Brice and M. Emre. Genetic bases and phenotypes of autosomal recessive Parkinson disease in a Turkish population. *European Journal of Neurology*. 19: 769-775. 2012
37. AE. Gursoy, M. Kolukisa, **G. Babacan Yıldız**, G. Kocaman, A. Çelebi. Relationship between electrodiagnostic severity and neuropathic pain assessed by the LANSS pain scale in carpal tunnel syndrome. *Neuropsychiatric Disease and Treatment* :9 65-71. 2013
38. AE Gursoy, **G.Babacan Yıldız**, A.M. Gülhan, M. Kolukisa. Hemifacial Spasm due to Compression of the Posterior Inferior Cerebellar Artery Aneurysm Treated with Botulinum Toxin Type-A: A Case Report. *Case Report Neurol Med*. 132594.2012.

39. AE Gürsoy, I. Ugurad, **G.Babacan Yıldız**, M.Kolukisa, A.Çelebi. Effects of botulinum toxin type a on quality of life assessed with the WHOQOL-BREF in hemifacial spasm and blepharospasm. Neurol Psychiatry Brain Res. 2012.
40. P.Soydal, **G.Babacan-Yıldız**, A.T.İsık. Pituitary insufficiency: A cause of hypoglycemia in an elderly diabetic patient. Geriatr Gerontol Int. Feb 2. 2012
41. M. Çelik, H. Forta, Türker Dalkılıç, **G. Babacan**. MRI reveals reversible lesions resembling posterior reversible encephalopathy in porphyria. Neuroradiology;44: 839–841. 2002.
42. M. Basak, M. Erturk, B. Oflazoğlu, A. Ozel, **G. Babacan Yıldız**, H. Forta. Magnetic resonance imaging in ALS. Acta Neurol Scand. 105:395–399. ISSN 0001-6314. 2002

B) Ulusal hakemli dergilerde yayımlanan makaleler:

1. Akin, S.O., **Babacan Yıldız G**, and Yıldız, T. (2021) 'Increased Osteoporosis Risk and Risk Factors in Parkinson's Patients', *Bezmialem Science*, 9, S25
2. Ali, A., **Babacan Yıldız G**, and Yıldız, T. (2021) 'Oxidative Stress and Neural Damage Parameters in Parkinson's Disease', *Bezmialem Science*, 9, S11
3. B. Oflazoğlu, H. Forta , Ç. Öncel, G. **Babacan Yıldız**. Demiyelinizan Polinöropatilerde 'İntravenöz 'İmmünglobulin G'nin Etkinliği. *Düşünen Adam*. 18(4):196-204. 2005
4. A.E.Gürsoy, **G.Babacan-Yıldız**. Botulinum Toksin Tip A Tedavisine Yanıtlı Derin Beyin Stimülasyonu Sonrası Geç Dönem Ortaya Çıkan Göz Kapağı Açma Apraksisi. *Parkinson Hastalığı ve Hareket Bozuklukları Dergisi*. 15(1):21-25. doi: 10.5606/ phhb. dergisi.05.2012
5. Bak, Hatice Neva; **Babacan Yıldız G**; Eren, Kamer Ünal. The Effect of Mindfulness Based Exercise Training on Motor and Non-motor Disfunctions in Patient with Parkinson Disease. *Bezmialem Science* . 2020, Supplement I, Vol. 8, pS105-S105. 2/3p.
6. **G.Babacan-Yıldız**, AE.Gürsoy, A.Güneri. Botulinum Toxin Type-A Application for the Treatment of Cervical Dystonia. *Parkinson Hastalığı ve Hareket Bozuklukları Dergisi*. 2012;15(1):1-6.
7. **G. Babacan**. Alzheimer Hastalığında Klinik Semptomlar. Sendrom. *Aktüel Tıp Dergisi*. Ocak / Şubat 2011. *Nöroloji*, 23(1):27-30, 2011.
8. Baran G, Deniz Ç, Gürsoy AE, **Babacan Yıldız G**. Asymmetric Blepharospasm. *Bezmialem Science* 2018. DOI: 10.14235/bs.2018.1931. 2018
9. Yıldızhan Şengül, Hakan Serdar Şengül, Elif Gökçal, İsmet Üstün, Ahmet Öztürk, Onur Yılmaz, **Gülşen Babacan Yıldız**. Essential Tremor and Alexithymia. *Turk J Neurol*. 2018; 24(3): 248-251
10. **G.Babacan-Yıldız**. Non-Alzheimer Dementias 1: Primary Progressive Aphasia. Review. *Geriatr Neuropsychiatr* 2011;2 (2-3):28-34.
11. **G.Babacan-Yıldız**. Non-Alzheimer Dementias 2: Frontotemporal Dementias. Review. *Geriatr Neuropsychiatr* 2012;3 (1):9-14.
12. **G.Babacan-Yıldız**, A. Çoban, H. Hanağası, H. Gürvit, J. Yazıcı. Differences Between Essential Tremor And Essential Tremor Developing Parkinson's Disease. *Archives of Neuropsychiatry* 2010;47(2):101-4

C) Yazılan ulusal kitaplar:

1. Babacan-Yıldız G., Editör, "*Semptomdan Teşhise Nöroloji*", Nobel Tıp Kitabevi, 2020
2. Babacan-Yıldız G., Editör, "*Nörolojinin ABC'si* ", İstanbul Tıp Eğitim Kitabevi, 2018

D) Yazılan ulusal/uluslararası kitaplardaki bölümler:

1. G.Babacan-Yıldız, "A Neurologist's Perspective "Approach to the Elderly Patient with Delirium", Ahmet Turan Isik, George T. Grossberg, Eds., Springer International Publishing AG. Switzerland 2018, Cham, pp.77-87, 2018
2. Elif Gökçal & G.Babacan-Yıldız, "Frontotemporal Demansda Ayırıcı Tanı", Editor: Nerses Bebek, O'TIP, İstanbul, ss.200-210, 2015
3. G.Babacan-Yıldız, "Parkinson Hastalığında Tedavi", Geriatri Pratiğinde İlaç Tedavisi, Turan Işık A, Editor, OTIP, İstanbul, ss. 200-222, 2015
4. Babacan-Yıldız G., "Posterior Kortikal Atrofi" Editor: Tanrıdağ O., Davranı, Nörolojisi, Nobel Tıp Kitabevi, İstanbul, 2015
5. Babacan-Yıldız G., "Davranışsal Varyant Frontotemporal Demans" Editor: Tanrıdağ O., Davranış Nörolojisi, Nobel Tıp Kitabevi, İstanbul, 2015
6. Elif Gökçal & G.Babacan-Yıldız, "Lewy Cisimcikli Demans" Editor: Tanrıdağ O., Davranış Nörolojisi, Nobel Tıp Kitabevi, İstanbul, 2015
7. G.BabacanYıldız. Editor: A.Turan Işık, Pınar Soysal. MMSE, SÇT. İstanbul Tıp Kitabevleri. İstanbul. 2016
8. G.Babacan-Yıldız. Editor: A.Turan Işık, Turgay Çelik. Geriatri Pratiğinde İlaç Tedavisi . Parkinson Hastalığı Tedavisi. Nobel Tıp Kitabevi. 2015
9. G.Babacan-Yıldız, Editör: A.Turan Işık, "Her Yönüyle Alzheimer Hastalığı" (Alzheimer Hastalığı Kliniği: Kognitif Semptomlar), 267-285 pp., İstanbul, SOM, 2012
10. G.Babacan-Yıldız, Editör: A.Turan Işık, "Her Yönüyle Alzheimer Hastalığı" (Alzheimer Hastalığında

KLİNİKTE UYGULADIĞIM TESTLER

1. Addenbrooke's Cognitive Examination-Revised (ACE-R)
2. Alzheimer's Disease Assessment Scale cognitive subscale (ADAS-Cog)
3. Beck Depression Inventory (BDI)
4. Boston Naming Test (BNT)
5. Clinical Dementia Rating Scale (CDR)
6. Clinicians' Interview-Based Impression of Change (CIBIC)
7. Clinicians' Interview-Based Impression of Change-Plus (CIBIC+)
8. Clock Drawing Test (CDT)
9. Facial Recognition Test
10. Geriatric Depression Scale (GDS)
11. Global Deterioration Scale (GDS)

12. Line Orientation Test
13. Mini Mental State Examination (MMSE)
14. Montreal Cognitive Assessment (MoCA)
15. Neuropsychiatric Inventory (NPI)
16. Severe Impairment Battery (SIB)
17. Trail Making Test (TMT)
18. Short Test of Mental Status (STMS)
19. Zarit Caregiver Burden