

# Prof. DİLEK GÜNAL

## Personal Information

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## Education Information

Expertise In Medicine, Marmara University, School of Medicine, Internal Medical Sciences, Turkey 1991 - 1996

Doctorate, Marmara University, School of Medicine, Turkey 1983 - 1990

Expertise In Medicine, Marmara University, School of Medicine, Turkey 1983 - 1990

## Dissertations

Doctorate, Multipl sklerozda otonomik sinir sistemi fonksiyonlarının değerlendirilmesi, Marmara Üniversitesi, School of Medicine, 1996

## Research Areas

Health Sciences

## Academic Titles / Tasks

Professor, Marmara University, School of Medicine, Internal Medical Sciences, 2018 - Continues

Professor, Marmara University, School of Medicine, Internal Medical Sciences, 2009 - Continues

Professor, Marmara University, School of Medicine, Internal Medical Sciences, 2016 - 2017

Associate Professor, Marmara University, School of Medicine, Internal Medical Sciences, 2002 - 2009

Assistant Professor, Marmara University, School of Medicine, Internal Medical Sciences, 2003 - 2005

Lecturer PhD, Marmara University, School of Medicine, Internal Medical Sciences, 1996 - 1998

## Academic and Administrative Experience

Marmara University, School of Medicine, Internal Medical Sciences, 2018 - Continues

Marmara University, Institute of Neurological Sciences, 2015 - Continues

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. Demographic and clinical characteristics of our patients diagnosed with laryngeal dystonia**  
ASYA O., Kavak Ö. T., Özden H., GÜNAL D., ENVER N.  
European Archives of Oto-Rhino-Laryngology, 2024 (SCI-Expanded)
- II. Real-life outcomes for oral disease-modifying treatments of relapsing-remitting multiple sclerosis patients: Adherence and adverse event profiles from Marmara University**

VURAL E., ENGİN E., SÜNTER G., Ağan K., GÜNAL D.

Turkish Journal of Medical Sciences, vol.53, no.3, pp.771-779, 2023 (SCI-Expanded)

- III. **Brief communication: A case of cyclophosphamide exposure in the first trimester of pregnancy**  
KAŞKAL M., TURGAN AŞIK Z. N., Kale B. Y., GÜNAL D., Idrisoglu M. G., Akdas S., GÜLHAN R.  
EUROPEAN JOURNAL OF OBSTETRICS & GYNECOLOGY AND REPRODUCTIVE BIOLOGY, vol.272, pp.262-263, 2022 (SCI-Expanded)
- IV. **Assessment of the Effect of Subthalamic Deep Brain Stimulation on Sleep Quality of Parkinson's Disease Patients**  
Oner O. G., SÜNTER G., Jafarova S., AĞAN YILDIRIM K., Seker A., GÜNAL D.  
TURKISH NEUROSURGERY, vol.32, no.3, pp.398-405, 2022 (SCI-Expanded)
- V. **Risk assessment of obstructive sleep apnea syndrome and other sleep disorders in multiple sclerosis patients**  
SÜNTER G., Ozden H., VURAL E., GÜNAL D., AĞAN YILDIRIM K.  
CLINICAL NEUROLOGY AND NEUROSURGERY, vol.207, 2021 (SCI-Expanded)
- VI. **The Complex Genetic Landscape of Hereditary Ataxias in Turkey and Implications in Clinical Practice**  
Vural A., Simsir G., Tekgul S., Kocoglu C., Akcimen F., Kartal E., Sen N. E., Lahut S., Omur O., Saner N., et al.  
MOVEMENT DISORDERS, vol.36, pp.1676-1688, 2021 (SCI-Expanded)
- VII. **Acquired modification of sphingosine-1-phosphate lyase activity is not related to adrenal insufficiency**  
Sünter G., Enver E. O., Akbarzade A., Turan S., Vatansever P., Günal D., Haklar G., Bereket A., Ağan Yıldırım K., Güran T.  
BMC NEUROLOGY, vol.18, 2018 (SCI-Expanded)
- VIII. **Wernicke's Encephalopathy in Two Different Clinical Settings: One After Whipple Surgery and the Other Due to Alcohol Abuse**  
Kilinc O., Caferov K., KAHRAMAN KOYTAK P., GÜNAL D., ULUÇ K.  
JOURNAL OF NEUROPSYCHIATRY AND CLINICAL NEUROSCIENCES, vol.27, no.1, 2015 (SCI-Expanded)
- IX. **Deep brain stimulation as treatment for dystonic storm in pantothenate kinase-associated neurodegeneration syndrome: case report of a patient with homozygous C.628 2 T > G mutation of the PANK2 gene**  
Tanrikulu B., Ozen A., GÜNAL D., TÜRKDOĞAN D., BAYRAKLI F., BAYRI Y., DAĞÇINAR A., Seker A.  
ACTA NEUROCHIRURGICA, vol.157, no.9, pp.1513-1517, 2015 (SCI-Expanded)
- X. **Changes in The Normal Appearing White-Gray Matter and Cognitive Impairment in Clinically Isolated Syndrome**  
Kocak M., AĞAN YILDIRIM K., Mollahasanoglu A., EKİNCİ G., Tuncer-Elmaci N., GÜNAL D.  
JOURNAL OF NEUROLOGICAL SCIENCES-TURKISH, vol.32, no.4, pp.661-669, 2015 (SCI-Expanded)
- XI. **Clinical and cognitive profiles of patients with both Parkinson's disease and essential tremor**  
Barut B. O., GÜNAL D., Turkmen C., Mollahasanoglu A., Ankarali H.  
ACTA NEUROLOGICA BELGICA, vol.113, no.2, pp.117-125, 2013 (SCI-Expanded)
- XII. **Bilateral striopallidodentate calcinosis presenting with psychiatric symptoms and speech disorders**  
Ozdilek B., ULUÇ K., GÜNAL D.  
ACTA NEUROPSYCHIATRICA, vol.24, no.5, pp.310-313, 2012 (SCI-Expanded)
- XIII. **Motor and Non-Motor Symptoms in Turkish Patients With Parkinson's Disease Affecting Family Caregiver Burden and Quality of Life**  
Ozdilek B., GÜNAL D.  
JOURNAL OF NEUROPSYCHIATRY AND CLINICAL NEUROSCIENCES, vol.24, no.4, pp.478-483, 2012 (SCI-Expanded)
- XIV. **The Effects of Rasagiline on Cognitive Deficits in Parkinson's Disease Patients Without Dementia: A Randomized, Double-Blind, Placebo-Controlled, Multicenter Study**  
Hanagasi H. A., Gurvit H., Unsalan P., Horozoglu H., Tuncer N., Feyzioglu A., GÜNAL D., YENER G., Cakmur R., Sahin H. A., et al.  
MOVEMENT DISORDERS, vol.26, no.10, pp.1851-1858, 2011 (SCI-Expanded)
- XV. **Speech-induced primary lingual dystonia: a rare focal dystonia**

Ozen B., GÜNAL D., Turkmen C., AĞAN YILDIRIM K., Elmaci N. T.  
NEUROLOGICAL SCIENCES, vol.32, no.1, pp.155-157, 2011 (SCI-Expanded)

- XVI. **An unpredicted side effect of bisphosphonates in a patient with chronic renal failure due to multiple myeloma: Reversible parkinsonism**  
İŞAK B., Koytak P., Bilgin Ö., Horozoğlu H., Saritemur M., Denizbaşı A., GÜNAL D.  
Turk Noroloji Dergisi, vol.16, no.3, pp.141-143, 2010 (SCI-Expanded)
- XVII. **PSYCHOTIC DEPRESSION: A PECULIAR PRESENTATION FOR MULTIPLE SCLEROSIS**  
AĞAN YILDIRIM K., GÜNAL D., Afsar N. E. Y., Tuncer N., Kuscu K.  
INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.119, no.11, pp.2124-2130, 2009 (SCI-Expanded)
- XVIII. **Leukoencephalopathy with brain stem and spinal cord involvement and high lactate: A genetically proven case with distinct MRI findings**  
ULUÇ K., Baskan O., AĞAN YILDIRIM K., Ozsahin S., Koseoglu M., İŞAK B., Scheper G. C., GÜNAL D., van der Knaap M. S.  
JOURNAL OF THE NEUROLOGICAL SCIENCES, vol.273, pp.118-122, 2008 (SCI-Expanded)
- XIX. **The clinical utility of 99(m)Tc-HMPAO SPECT in Fahr's disease**  
Ones T., DEDE F., GÜNAL D., EKİNCİ G., Memis H., ERDİL T. Y., İNANIR S., TUROĞLU H. T.  
ANNALS OF NUCLEAR MEDICINE, vol.22, no.5, pp.425-428, 2008 (SCI-Expanded)
- XX. **Multiple sclerosis and thyroid disease: Case report of two patients and review of the literature**  
Sun A. G., AĞAN YILDIRIM K., Deyneli O., Horozoglu H., GÜNAL D.  
JOURNAL OF NEUROLOGICAL SCIENCES-TURKISH, vol.25, no.1, pp.45-50, 2008 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Developing a wearable device for upper extremity tremors**  
Yıldız S. D., AKGÜN G., GÜNAL D., Kaplanoglu E., AKÜNER M. C., ŞEHİRLİ Ü. S.  
Marmara Medical Journal, vol.37, no.2, pp.157-165, 2024 (ESCI)
- II. **Parkinson hastalığını önlemek mümkün mü?**  
GÜNAL D.  
türkiye Parkinson hastalığı derneği dergisi, vol.1, no.2, pp.1-3, 2017 (Peer-Reviewed Journal)
- III. **An unpredicted side effect of biphosphonates in a patient with chronic renal failure due to multiple myeloma Reversible parkinsonism**  
İŞAK B., KOYTAK P., BİLGİN Ö., HOROZOĞLU H., SARITEMUR M., DENİZBAŞI ALTINOK A., GÜNAL D.  
TÜRK NÖROLOJİ DERGİSİ, vol.16, no.3, pp.141-143, 2010 (Scopus)
- IV. **Electrophysiological investigation of hemifacial spasm F waves and abnormal muscle responses**  
TANRIDAĞ T., GÜNAL D., KARAGÖZ E., AKTAN S.  
Marmara Medical Journal, vol.12, no.2, pp.79-81, 1999 (Scopus)

## Books & Book Chapters

- I. **Kore, ballizm ve atetoz: fenomenoloji ve etyoloji**  
GÜNAL D., SÜNTER G.  
in: Principles and Practice of Movement Disorders, Cenk Akbostancı, Editor, Veri Medikal Yayıncılık, İstanbul, pp.393-407, 2008

## Refereed Congress / Symposium Publications in Proceedings

- I. **PARKİNSON HASTALIĞININ TEDAVİSİNDE SÜREKLİ LEVODOPA- KARBİDOPA BAĞIRSAK JELİ (LCIG) İNFÜZYONU İÇİN PERKÜTAN ENDOSKOPİK TRANSGASTRİK JEJUNOSTOMİ (PEG-J) TÜPÜ TAKILMASI**

## TEKNİĞİ VE TEK MERKEZ SONUÇLARIMIZ

AKMERCAN T., UPRAK T. K., COŞKUN M., GÜNAL Ö., GÜNAL D.

15.Ulusal ve 2. Uluslararası Endoskopik Laparoskopik Cerrahi Kongresi, Antalya, Turkey, 28 - 30 October 2021

- II. **SS-46 OCRELİZUMAB TEDAVİSİ GERÇEK YAŞAM VERİLERİ:3 MULTİPL SKLEROZ MERKEZİNİN TECRÜBELERİ**  
VURAL E., TERZİ M., SÜNTER G., GÜNAL D., AĞAN YILDIRIM K., BOZ C.  
55. Ulusal Nöroloji Kongresi, Antalya, Turkey, 16 - 20 November 2019, pp.30
- III. **Real-life outcomes of Ocrelizumab treatment from 3 multiple sclerosis centers in Turkey**  
VURAL E., Terzi M., SÜNTER G., GÜNAL D., Agan K., BOZ C.  
35th Congress of the European-Committee-for-Treatment-and-Research-in-Multiple-Sclerosis (ECTRIMS) / 24th Annual Conference of Rehabilitation in MS, Stockholm, Sweden, 11 - 13 September 2019, vol.25, pp.751
- IV. **Parkinson Hastalarında Bilateral Subtalamik Nukleus Stimulasyonu Tedavisinin Uyku Kalitesi Üzerine Etkisi**  
gönül ö., SÜNTER G., GÜNAL D.  
Hareket Bozukluklarında Tedavi Sempozyumu, Turkey, 10 - 12 May 2018
- V. **Psychological distress among caregivers of Parkinson'xxs patients assessed with the SCL-90-R self-reported questionnaire**  
ÖZDİLEK F. B., BOZKURT ZİNCİR S., GÜNAL D.  
21. International Congress of Parkinson'xxs diseaseand movement disorders, Vancouver, Canada, 15 - 21 June 2018, vol.32, pp.1-627
- VI. **Tardive dyskinesia after longterm treatment with topical prostoglandin F2alpha analog**  
BULUT B., GÜNAL D., AĞAN YILDIRIM K.  
PARKİNSON'S DİSEASE AND RELATED DİSORDERS KONGRESİ, Milan, Italy, 4 - 08 December 2015, vol.22, pp.134-135
- VII. **Tardive dyskinesia after long term treatment with topical prostoglandin F2 alfa analog Latanoprost**  
BULUT B., GÜNAL D., AĞAN YILDIRIM K.  
21st world congress on Parkinson's Disease and Related disorders, 6 - 09 December 2015
- VIII. **Hemikore hemiballismus İle Prezente Limb Shaking GİA Olgu Sunumu**  
BULUT B., GÜNAL D., KULA E., KESKİNER E., MİDİ İ.  
51. Ulusal Nöroloji Kongresi, Antalya, Turkey, 26 November - 03 December 2015
- IX. **Pantotenat KinaZ ilişkili nörodejenerasyon olgusunda derin beyin stimülasyonu uygulaması**  
ÖZEN A., TÜRKDOĞAN D., GÜNAL D., BAYRİ Y., DAĞÇINAR A., ŞEKER A.  
Türk Nöroşirürji Derneği 28. Bilimsel Kongresi, Beldibi, Antalya, 4-8 Nisan 2014., Turkey, 04 April 2014
- X. **Efficacy, safety and tolerability of natalizumab in Turkish multiple sclerosis patients with high disease activity: a prospective, multicentre study**  
Eraksoy M., Akman-Demir G., Agan K., GÜNAL D., Us O., Saip S., Demirci N. O., Tutuncu M., Turan O. F., Taskapilioglu O., et al.  
19th World Congress of Neurology, Bangkok, Thailand, 24 - 30 October 2009, vol.285
- XI. **Manganese induced extrapyramidal symptoms Methcathinone encephalopathy**  
GÜNAL D., AĞAN YILDIRIM K., HOROZOĞLU H., KAHRAMAN KOYTAK P.  
13th International Congress of Parkinson's Disease and Movement Disorders, Paris, France, 7 - 11 June 2009, vol.24, pp.66
- XII. **Efedron ensefalopatisi**  
CHABOU B., AĞAN YILDIRIM K., HOROZOĞLU H., KAHRAMAN KOYTAK P., ÇALIŞ M., ERGÜN A., GÜNAL D.  
44. Ulusal Nöroloji Kongresi, Antalya, Turkey, 14 - 19 October 2008
- XIII. **Spontan intrakraniyal hipotansiyon radyolojik görüntüler eşliğinde bir olgu sunumu**  
KOÇAK M., KAHRAMAN KOYTAK P., ULUÇ K., GÜNAL D.  
42. Ulusal Nöroloji Kongresi, Antalya, Turkey, 12 - 17 November 2006
- XIV. **Bir Lafora olgusunda elektrofizyoloji ve patoloji bulguları P 147**  
AĞAN YILDIRIM K., ERBAŞ B., SALÇINI C., ULUÇ K., GÜNAL D., AKTAN S.  
42. Ulusal Nöroloji Kongresi, Antalya, Turkey, 12 - 17 November 2006

XV. **Spontan intrakranial hipotansiyon radyolojik görüntüler eşliğinde bir olgu sunumu P 147**

KOÇAK M., KAHRAMAN KOYTAK P., ULUÇ K., GÜNAL D.

42. Ulusal Nöroloji Kongresi, Antalya, Turkey, 12 - 17 November 2006

## **Memberships / Tasks in Scientific Organizations**

Parkinson Hastalığı Derneği, Chairman, 2021 - Continues, Turkey

## **Metrics**

Publication: 41

Citation (WoS): 182

Citation (Scopus): 168

H-Index (WoS): 6

H-Index (Scopus): 6