Asst. Prof. Arman ÇAKAR

Personal Information

Office Phone: +90 0212 414 2000 Extension: 32571
Email: arman.cakar@istanbul.edu.tr
Web: http://aves.istanbul.edu.tr/143/

International Researcher IDs
ORCID: 0000-0002-8129-4172
Publons / Web Of Science ResearcherID: AAE-5475-2020
Yoksis Researcher ID: 190348

Research Areas

Neurology

Academic Titles / Tasks

Assistant Professor, Istanbul University, Istanbul Medical Faculty, Division of Medical Sciences , 2020 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Phenotypic features of RETREG1-related hereditary sensory autonomic neuropathy**
Çakar A., Bagirova G., Durmuş H., Uyguner O., Parman Y.
Journal of the Peripheral Nervous System, vol.28, no.3, pp.351-358, 2023 (SCI-Expanded)

II. **Thymoma patients with or without myasthenia gravis have increased Th17 cells, IL-17 production and ICOS expression**
Cebi M., Cakar A., Erdogdu E., Durmus-Tekce H., Yegen G., Ozkan B., Parman Y., Saruhan-Direskeneli G.
JOURNAL OF NEUROIMMUNOLOGY, 2023 (SCI-Expanded)

III. **A novel homozygous loss-of-function variant in SOD1 causing progressive spastic tetraplegia and axial hypotonia**
Çakar A., Pekbilir E., CEYLANER S., Durmuş H., Battaloğlu E., Şahin U., Parman Y.
Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, vol.24, no.5-6, pp.535-538, 2023 (SCI-Expanded)

IV. **Disease activity in chronic inflammatory demyelinating polyneuropathy: A comparative study of clinical and skin biopsy markers**
Acarli A. N. O., Unverengil G., Sirin N. G., Cakar A., Durmus H., Parman Y.
MUSCLE & NERVE, vol.66, no.6, pp.736-743, 2022 (SCI-Expanded)

V. **Cerebellar ataxia, neuropathy and vestibular areflexia syndrome (canvas): an important cause of late-onset ataxia with unique clinical features**
ÇAKAR A., Sahin E., Tezel S., Candayan A., Samanci B., BATTALOĞLU E., Basak A. N., Bilgic B., Hanagasi H., Durmus H., et al.
ACTA NEUROLOGICA BELGICA, vol.122, no.4, pp.939-945, 2022 (SCI-Expanded)

VI. **AN EXPLORATORY STUDY OF COGNITIVE INVOLVEMENT IN HEREDITARY ATTRV**
Durmus H., Cakar A., Demirci H., Parman Y.

JOURNAL OF THE PERIPHERAL NERVOUS SYSTEM, vol.27, 2022 (SCI-Expanded)

VII. **NOVEL VARIANTS BROADEN THE MUTATIONAL SPECTRUM OF HEREDITARY SENSORY AND AUTONOMIC NEUROPATHY DISORDERS**
Lischka A., Eggermann K., Cakar A., Record C., Elbracht M., Hornemann T., Senderek J., Parman Y., Auer-Grumbach M., Reilly M., et al.
JOURNAL OF THE PERIPHERAL NERVOUS SYSTEM, vol.27, 2022 (SCI-Expanded)

VIII. **Genetic pain loss disorders**
Lischka A., Lassuthova P., cakar A., Record C. J., Van Lent J., Baets J., Dohrn M. F., Senderek J., Lampert A., Bennett D. L., et al.
NATURE REVIEWS DISEASE PRIMERS, vol.8, no.1, 2022 (SCI-Expanded)

IX. **Phenotypical spectrum of SACS variants: Neuromuscular perspective of a complex neurodegenerative disorder**
Cakar A., Inci M., Acarli A. N. O., Comu S., Candayan A., BATTALOĞLU E., Tekgul S., Basak A. N., Durmus H., Parman Y.
ACTA NEUROLOGICA SCANDINAVICA, vol.145, pp.619-626, 2022 (SCI-Expanded)

X. **Genetics of Pain: Novel variants identified by the European Network on Inherited Sensory Neuropathies and Insensitivity to Pain (ENISNIP)**
Lischka A., Eggermann K., Cakar A., Bocek R., Bartesaghi L., Elbracht M., Hornemann T., Senderek J., Auer-Grumbach M., Parman Y., et al.
EUROPEAN JOURNAL OF HUMAN GENETICS, vol.30, no.SUPPL 1, pp.128, 2022 (SCI-Expanded)

XI. **Lumbar Spinal Stenosis: A Rare Presentation of Hereditary Transthyretin Amyloidosis**
Cakar A., Atmaca M. M., Kotan D., Durmus H., Deymeer F., Oflazer P., Parman Y.
NOROPSIKIYATRI ARSIVI-ARCHIVES OF NEUROPSYCHIATRY, vol.59, no.1, pp.77-79, 2022 (SCI-Expanded)

XII. **An Exploratory Study of Cognitive Involvement in Hereditary Transthyretin Amyloidosis**
Durmus H., Cakar A., Demirci H., ALAYLIOĞLU M., GEZEN AK D., DURSUN E., Gulsen Parman Y.
ACTA NEUROLOGICA SCANDINAVICA, vol.144, no.6, pp.640-646, 2021 (SCI-Expanded)

XIII. **Cerebellar ataxia, neuropathy and vestibular areflexia syndrome (Canvas) is an important cause of late-onset ataxia**
Cakar A., Sahin E., Tezel S., Candayan A., Samanci B., BATTALOĞLU E., Basak A. N., Bilgic B., Hanagasi H., Durmus H., et al.
JOURNAL OF THE PERIPHERAL NERVOUS SYSTEM, vol.26, no.3, pp.364, 2021 (SCI-Expanded)

XIV. **Thymoma associated myasthenia gravis patients have increased Th17 Cells, IL-17 production and ICOS expression on CD4 T cells**
Cebi M., ÇAKAR A., ERDOĞDU E., Tekce H. D., YEGEN G., ÖZKAN B., Parman Y., Direskeneli G. S.
EUROPEAN JOURNAL OF IMMUNOLOGY, vol.51, pp.172, 2021 (SCI-Expanded)

XV. **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)

XVI. **Late-onset TK2-Deficiency Patients from Turkey**
DURMUŞ TEKÇE H., ÇAKAR A., PARMAN F. Y.
NEUROLOGY, no.15, 2021 (SCI-Expanded)

XVII. **SOD1 Mutation: A Single Center Experience**
ÇAKAR A., DURMUŞ TEKÇE H., PARMAN F. Y.
NEUROLOGY, no.15, 2021 (SCI-Expanded)

XVIII. **Genotypic and phenotypic features of mutations in the HINT1 gene among Turkish patients with hereditary axonal neuropathy**
Acarli A. O., Cakar A., Candayan A., Durmus H., Ceylaner S., Matur Z., Oge A., Parman Y.
JOURNAL OF THE PERIPHERAL NERVOUS SYSTEM, vol.26, no.1, pp.124-125, 2021 (SCI-Expanded)

XIX. **Clinical Features of the Patients with Neuromyelitis Optica Spectrum Disorder**
Cakar A., Ulusoy C., Gunduz T., Kucukali C. I., Kurtuncu M.
NOROPSIKIYATRI ARSIVI-ARCHIVES OF NEUROPSYCHIATRY, vol.58, no.1, pp.21-25, 2021 (SCI-Expanded)

XX. **Revisiting the complex architecture of ALS in Turkey: Expanding genotypes, shared phenotypes,**

molecular networks, and a public variant database
Tunca C., Seker T., Akcimen F., Coskun C., Bayraktar E., Palvadeau R., Zor S., Kocoglu C., Kartal E., Sen N. E., et al.
HUMAN MUTATION, vol.41, no.8, 2020 (SCI-Expanded)

XXI. **Coronavirus Disease 2019 (COVID-19) From the Point of View of Neurologists: Observation of Neurological Findings and Symptoms During the Combat Against a Pandemic**
Özdağ A. N., Samanci B., Ekizoğlu E., Çakar A., Şirin N. G., Gündüz T., Parman Y., Baykan B.
NOROPSIKIYATRI ARSIVI-ARCHIVES OF NEUROPSYCHIATRY, vol.57, no.2, pp.154-159, 2020 (SCI-Expanded)

XXII. **CD4+ T Cells of Myasthenia Gravis Patients Are Characterized by Increased IL-21, IL-4, and IL-17A Productions and Higher Presence of PD-1 and ICOS**
Cebi M., DURMUŞ TEKÇE H., Aysal F., ÖZKAN B., Gul G. E., ÇAKAR A., Hocaoglu M., Mercan M., YENTÜR S. P., Tutuncu M., et al.
Frontiers in Immunology, vol.11, 2020 (SCI-Expanded)

XXIII. **A Val30Met sporadic familial amyloid polyneuropathy case with atypical presentation: upper limb onset of symptoms**
Sahin E., Cakar A., Durmus-Tekce H., Parman Y.
ACTA NEUROLOGICA BELGICA, vol.119, no.4, pp.627-628, 2019 (SCI-Expanded)

XXIV. **A novel homozygous FBXO38 variant causes an early-onset distal hereditary motor neuronopathy type IID.**
Akcimen F., Vural A., Durmus H., Cakar A., Houlden H., Parman Y. G., Basak A. N.
Journal of human genetics, vol.64, no.11, pp.1141-1144, 2019 (SCI-Expanded)

XXV. **The first biallelic missense mutation in the FXN gene in a consanguineous Turkish family with Charcot-Marie-Tooth-like phenotype**
Candayan A., Yunisova G., Cakar A., Durmus H., Basak A. N., Parman Y., BATTALOĞLU E.
NEUROGENETICS, 2019 (SCI-Expanded)

XXVI. **Familial Amyloid Polyneuropathy**
Cakar A., Durmus-Tekce H., Parman Y.
NOROPSIKIYATRI ARSIVI-ARCHIVES OF NEUROPSYCHIATRY, vol.56, no.2, pp.150-156, 2019 (SCI-Expanded)

XXVII. **Paraplegia following lumbar puncture: a rare complication in spinal dural arteriovenous fistula**
Cakar A., Akcay H. I., Gunduz T., Kurtuncu M.
ACTA NEUROLOGICA BELGICA, vol.118, no.4, pp.543-545, 2018 (SCI-Expanded)

XXVIII. **Orbital Myositis: An Underrecognized Clinical Syndrome with a Need of Management Guidelines**
KIRAC L. B., Cakar A., TURKOGLU Y., AK H., COSKUN D., USTUN-OZEK S., UCLER-YAMAN S., Baykan B.
CANADIAN JOURNAL OF NEUROLOGICAL SCIENCES, vol.45, no.1, pp.121-125, 2018 (SCI-Expanded)

XXIX. **Genotypic and phenotypic presentation of transthyretin-related familial amyloid polyneuropathy (TTR-FAP) in Turkey.**
Durmus-Tekce H., MATUR Z., Atmaca M. M., Poda M., Cakar A., ULAS U. H., Oflazer-Serdaroglu P., Deymeer F., Parman Y. G.
Neuromuscular disorders : NMD, vol.26, no.7, pp.441-6, 2016 (SCI-Expanded)

XXX. **Genotypic and phenotypic presentation of TTR-FAP in Turkey**
Durmus H., ÇAKAR A., Atmaca M. M., Matur Z., Altunoglu U., PODA M., Ulas U. H., Oflazer P., Deymeer F., Parman Y.
EUROPEAN JOURNAL OF NEUROLOGY, vol.23, pp.341, 2016 (SCI-Expanded)

XXXI. **Adult-onset phenylketonuria with rapidly progressive dementia and parkinsonism**
Tufekcioglu Z., Cakar A., Bilgic B., Hanagasi H. A., Gurvit H., Emre M.
NEUROCASE, vol.22, no.3, pp.273-275, 2016 (SCI-Expanded)

XXXII. **Temporary and Permanent Magnetic Resonance Imaging Findings in Status Epilepticus: Case Series**
Atmaca M. M., Cakar A., Dede H. O., Bebek N., Gokyigit A., Gurses C.
JOURNAL OF NEUROLOGICAL SCIENCES-TURKISH, vol.33, no.3, pp.507-514, 2016 (SCI-Expanded)

Articles Published in Other Journals

I. **LETTER TO THE EDITOR Novel and nano-rare genetic causes of paediatric-onset motor neuronopathies**
Cakar A., Maroofian R., Parman Y., Reilly M. M., Houlden H.
Brain Communications, vol.6, no.1, 2024 (ESCI)

II. **Botulinum Toxin Treatment in Blepharospasm: Single-center Experience Blefarospazm Tedavisinde Botulinum Toksin: Tek-merkez Deneyimi**
Çakar A., Samancı B., Hanağası H., Parman Y.
Turk Noroloji Dergisi, vol.29, no.3, pp.204-208, 2023 (ESCI)

III. **Comparison of Mitoxantrone versus Cyclophosphamide Treatment in Patients with Secondary Progressive Multiple Sclerosis**
GÜNDÜZ T., ÖZCAN G., ÇAKAR A., AKÇAY H. İ., ÖZDAĞ ACARLI A. N., ERAKSOY M., KÜRTÜNCÜ M.
Dicle Tıp Dergisi, vol.49, no.1, pp.29-35, 2022 (Peer-Reviewed Journal)

IV. **Aquaporin-4 Gene Polymorphisms in Neuromyelitis Optica and Recurrent Optic Neuritis**
Çakar A., Ulusoy C. A., İplik E. S., Küçükali C. İ., Tüzün E., Kürtüncü M.
Turkish Journal of Neurology, vol.26, no.2, pp.127-130, 2020 (Peer-Reviewed Journal)

V. **The COVID-19 from Neurological Overview**
Acar T., Demirel E. A., AFSAR N., AKÇALI A., Demir G. A., ALAGÖZ A. N., Mengi T. A., ARSAVA E. M., Ayta S., Bebek N., et al.
TURKISH JOURNAL OF NEUROLOGY, vol.26, no.2, pp.58-108, 2020 (ESCI)

VI. **Aquaporin-4 Gene Polymorphisms in Neuromyelitis Optica and Recurrent Optic Neuritis**
ÇAKAR A., ULUSOY C. A., BİRELLER E. S., KÜÇÜKALİ C. İ., TÜZÜN E., KÜRTÜNCÜ M.
TURKISH JOURNAL OF NEUROLOGY, vol.26, no.2, pp.122-125, 2020 (ESCI)

VII. **Transthyretin-Related Familial Amyloid Polyneuropathy: In the Light of New Developments**
Cakar A., Tekce H. D., Deymeer F., Serdaroglu P. O., Parman Y. G.
TURKISH JOURNAL OF NEUROLOGY, vol.23, no.3, pp.105-111, 2017 (ESCI)

VIII. **A HaNDL case with papilledema mimicking transient ischemic attack**
Gungor I., Cakar A., Orhan E. K., Baykan B.
AGRI-THE JOURNAL OF THE TURKISH SOCIETY OF ALGOLOGY, vol.28, no.4, pp.199-202, 2016 (ESCI)

Books & Book Chapters

I. **Familial Amiloid Polinöropati - Dünya ve Türkiye Deneyimi Yeni Gelişmeler Işığında Transtiretin İlişkili Ailevi Amiloid Polinöropatisi**
ÇAKAR A., DURMUŞ TEKÇE H., DEYMEER F., OFLAZER P., PARMAN F. Y.
in: Nadir Hastalıklar Pompe, Fabry ve TTR-FAP, Hilmi Uysal, Editor, Palme Yayınevi, Ankara, pp.177-190, 2020

Refereed Congress / Symposium Publications in Proceedings

I. **Long-term follow-up of five families from Turkey with UBQLN2 variants**
Durmus H., ÇAKAR A., Aysal F., Ertas M., Basak N., Parman Y.
21st Annual Meeting of the Northeast-Amyotrophic-Lateral-Sclerosis-Consortium (NEALS), Florida, United States Of America, 1 - 03 November 2022

II. **Paraplegia following lumbar puncture: a rare complication of spinal dural arteriovenous fistula**
ÇAKAR A., AKÇAY H. İ., GÜNDÜZ T., KÜRTÜNCÜ M.
2nd Congress of European Academy of Neurology, Kopenhag, Denmark, 28 - 31 May 2016

III. **An Exploratory Study of Cognitive Involvement in Hereditary Transthyretin Amyloidosis**
Durmus H., ÇAKAR A., Demirci H., Parman F. Y.
Annual Meeting of the American-Academy-of-Neurology, Washington, United States Of America, 2 - 07 April 2022

IV. **YAYGIN HİPERPİGMENTASYON İLE BAŞVURAN BİR DERMATOMİYOZİT OLGUSU**
GEZEGEN H., ALTINKAYNAK M., ÇAKAR A., DURMUŞ TEKÇE H., AKPINAR T. S., PARMAN F. Y.
57. Ulusal nöroloji kongresi, Antalya, Turkey, 27 November 2021

V. **Clinical and Electrophysiological Characteristics of Guillain-Barré Syndrome Before and During the Pandemic: Multicenter Istanbul Study**
Taşdemir V., Şirin İnan N. G., Çakar A., Çulha A., Soysal A., Elmalı Yazıcı A. D., Gündüz A., Yalçın D., Ataklı D., Kocasoy Orhan E., et al.
57. Ulusal Nöroloji Kongresi, Antalya, Turkey, 27 November - 01 December 2021

VI. **Cognitive involvement in transthyretin-related familial amyloid polyneuropathy (TTR-FAP)**
DURMUŞ TEKÇE H., ÇAKAR A., Demirci H., PARMAN F. Y.
Virtual Annual Meeting of the American-Academy-of-Neurology, ELECTR NETWORK, 17 - 22 April 2021

VII. **Expanding the phenotypical spectrum of SACS mutation: A Single Center Experience**
ÇAKAR A., İNCİ M., ÖZDAĞ ACARLI A. N., DURMUŞ TEKÇE H., PARMAN F. Y.
Virtual Annual Meeting of the American-Academy-of-Neurology, ELECTR NETWORK, 17 - 22 April 2021

VIII. **WRITER'S CRAMP: A SINGLE-CENTER EXPERIENCE**
Cakar A., Tufekcioglu Z., Hanagasi H., Parman Y.
TOXINS Conference on Basic Science and Clinical Aspects of Botulinum and other Neurotoxins, ELECTR NETWORK, 16 - 17 January 2021, vol.190

IX. **Clinical features of a homozygous missense mutation in the FXN gene resulting in a Charcot-Marie-Tooth-like phenotype**
ÇAKAR A., Candayan A., Yunisova G., Battaloglu E., DURMUŞ TEKÇE H., PARMAN F. Y.
Virtual Conference of Peripheral-Nerve-Society, ELECTR NETWORK, 01 January 2020, pp.490

X. **Cognitive involvement in ATTR amyloidosis (TTR-FAP)**
DURMUŞ TEKÇE H., ÇAKAR A., Demirci H., Alaylioglu M., GEZEN AK D., DURSUN E., PARMAN F. Y.
Virtual Conference of Peripheral-Nerve-Society, ELECTR NETWORK, 01 January 2020, pp.527

XI. **Clinical and genetic features of SPG11: A Single Center Experience**
Cakar A., Gezegen H., Tunca C., Bayraktar E., Basak N., Durmus-Tekce H., Parman F. Y.
Annual Meeting of the American-Academy-of-Neurology, Toronto, Canada, 25 April - 01 May 2020, vol.94

XII. **Circulating B Cell Subsets and Cytokine Gene Expression Levels in Peripheral Blood and Skin Biopsy in Chronic Inflammatory Demyelinating Polyneuropathy**
Acarli A. N. O., Yilmaz V., Sirin N. G., ÇAKAR A., Soysal A., Aysal F., DURMUŞ TEKÇE H., Tuzun E., Parman Y.
Annual Meeting of the American-Academy-of-Neurology, Toronto, Canada, 25 April - 01 May 2020

XIII. **Skin Biopsy as a Biomarker in Chronic Inflammatory Demyelinating Polyneuropathy**
Parman Y., Acarli A. N. O., ÜNVERENGİL G., Sirin N. G., ÇAKAR A., DURMUŞ TEKÇE H.
Annual Meeting of the American-Academy-of-Neurology, Toronto, Canada, 25 April - 01 May 2020

XIV. **Studying Clinical and Genetic Characteristics of Emery-Dreifuss Muscular Dystrophy**
Yunisova G., Oflazer P., Deymeer F., ÇAKAR A., PARMAN F. Y., DURMUŞ TEKÇE H.
Annual Meeting of the American-Academy-of-Neurology, Toronto, Canada, 25 April - 01 May 2020, vol.94

XV. **Autosomal Recessive Charcot-Marie-Tooth Disease in Turkey**
Parman Y., Cakar A., Candayan A., Akcay H. I., Yunisova G., Ulukan Ç., Durmus-Tekce H., BATTALOĞLU E.
71st Annual Meeting of the American-Academy-of-Neurology (AAN), Pennsylvania, United States Of America, 4 - 10 May 2019, vol.92

XVI. **Comparison of Mitoxantrone versus Cyclophosphamide in Patients with Secondary Progressive Multiple Sclerosis**
GÜNDÜZ T., ÖZCAN G., ÇAKAR A., AKÇAY H. İ., ÖZDAĞ ACARLI A. N., KÜRTÜNCÜ M., ERAKSOY M.
2nd Congress of European Academy of Neurology, Kopenhag, Denmark, 28 - 31 May 2016, vol.23, pp.601-879

XVII. **Switching From Glatiramer Acetate: Comparison of Disease Modifying Treatments**
Kurtuncu M., Akcay H. I., Cakar A., Gunduz T., Tuzun E., Eraksoy M.
ACTRIMS Forum, Louisiana, United States Of America, 18 - 20 February 2016, vol.22, pp.18-19

XVIII. **Clinical features of patients with relapsing inflammatory optic neuritis**
Tuzun E., Cakar A., Akcay H. I., Kurtuncu M., Eraksoy M.

ACTRIMS Forum, Louisiana, United States Of America, 18 - 20 February 2016, vol.22, pp.20-21

XIX. **Genotype-Phenotype Evaluation In 476 Turkish Dystrophinopathy Patients**
Durmuş H., GEYİK F., ERGINEL-UENALTUNA N., PODA M., Çakar A., Altınkaya A., Deymeer F., Parman Y., Torun A., Serdaroğlu P., et al.
The 66th AAN Annual Meeting, Philadelphia, United States Of America, 26 April 2014 - 03 May 0215, pp.96

Metrics

Publication: 60
Citation (WoS): 158
Citation (Scopus): 161
H-Index (WoS): 8
H-Index (Scopus): 8

Non Academic Experience

UCL Queen Square Institute of Neurology