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Education Information

Expertise In Medicine, Marmara University, School Of Medicine, Surgical Medical Sciences, Turkey 1998 - 2005

Undergraduate, Istanbul University, Istanbul Medical Faculty, İstanbul Tıp Pr., Turkey 1992 - 1998

Academic Titles / Tasks

Associate Professor, Acibadem Mehmet Ali Aydinlar University, School Of Medicine, Department Of Surgecal Sciences, 2012 - Continues

Assistant Professor, Acibadem Mehmet Ali Aydinlar University, School Of Medicine, Department Of Surgecal Sciences, 2009 - 2012

Academic and Administrative Experience

Head of Department, Acibadem Mehmet Ali Aydinlar University, School Of Medicine, Department Of Surgecal Sciences, 2023 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Detecting IDH and TERTp mutations in diffuse gliomas using 1H-MRS with attention deep-shallow networks**
Saclı-Bilmez B., Bas A., ERŞEN DANYELİ A., Yakicier M. C., PAMİR AKSOY N. A., ÖZDUMAN K., DİNÇER A., Ozturk-Isik E.
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- II. **A microdeletion event at 19q13.43 in IDH-mutant astrocytomas is strongly correlated with MYC overexpression**
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- III. **Susceptibility-Weighted MRI for Predicting NF-2 Mutations and S100 Protein Expression in Meningiomas**
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- IV. **Identification of IDH and TERTp mutations using dynamic susceptibility contrast MRI with deep learning in 162 gliomas**
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- V. **Resection of the contrast-enhancing tumor in diffuse gliomas bordering eloquent areas using electrophysiology and 5-ALA fluorescence: evaluation of resection rates and neurological outcome-a systematic review and meta-analysis**
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- VI. **Microsurgical resection of gliomas of the cingulate gyrus: a systematic review and meta-analysis**
Diaz S., Reyns N., Ozduman K., Levivier M., Schulder M., Tuleasca C.
NEUROSURGICAL REVIEW, vol.46, no.1, 2023 (SCI-Expanded)
- VII. **Super-enhancer hijacking drives ectopic expression of hedgehog pathway ligands in meningiomas**
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NATURE COMMUNICATIONS, vol.14, no.1, 2023 (SCI-Expanded)
- VIII. **Tumor heterogeneity and tumor-microglia interactions in primary and recurrent IDH1-mutant gliomas**
Blanco-Carmona E., Narayanan A., Hernandez I., Nieto J. C., Elosua-Bayes M., Sun X., Schmidt C., Pamir N., ÖZDUMAN K., Herold-Mende C., et al.
CELL REPORTS MEDICINE, vol.4, no.11, 2023 (SCI-Expanded)
- IX. **Associating IDH and TERT Mutations in Glioma with Diffusion Anisotropy in Normal-Appearing White Matter**
Halilibrahimoğlu H., Polat K., Keskin S., Genç O., Aslan O., Öztürk-Işık E., Yakicier C., Danyeli A., Pamir M. N., Özduman K., et al.
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- X. **The parietooccipital interhemispheric transtentorial approach for pineal tumors**
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- XI. **Optimum choice of MRA-sequences for Gamma Knife planning in AVM**
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- XII. **Magnetic resonance spectroscopic correlates of progression free and overall survival in "glioblastoma, IDH-wildtype, WHO grade-4"**
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- XIII. **The effect of tumor shape irregularity on Gamma Knife treatment plan quality and treatment outcome: an analysis of 234 vestibular schwannomas**
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- XIV. **MEOX2 homeobox gene promotes growth of malignant gliomas**
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- XV. **Information theory approaches to improve glioma diagnostic workflows in surgical neuropathology**
Cevik L., Landrove M. V., Aslan M. T., Khammad V., Garagorry Guerra F. J., Cabello-Izquierdo Y., Wang W., Zhao J., Becker A. P., Czeisler C., et al.
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- XVI. **Correlation of anatomical involvement patterns of insular gliomas with subnetworks of the limbic**

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- XVII. **Oligosarcomas, IDH-mutant are distinct and aggressive**
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ACTA NEUROPATHOLOGICA, vol.143, no.2, pp.263-281, 2022 (SCI-Expanded)
- XVIII. **The reliability and interobserver reproducibility of T2/FLAIR mismatch in the diagnosis of IDH-mutant astrocytomas**
YENİÇERİ İ. Ö., Yildiz M. E., Ozduman K., Danyeli A. E., Pamir M. N., Dincer A.
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- XIX. **Associations of meningioma molecular subgroup and tumor recurrence.**
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- XX. **Sequential filtering for clinically relevant variants as a method for clinical interpretation of whole exome sequencing findings in glioma**
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- XXI. **Analysis of Mitochondrial DNA Control Region D-Loop in Gliomas: Result of 52 Patients**
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Turkish Neurosurgery, vol.31, no.3, pp.368-372, 2021 (SCI-Expanded)
- XXII. **Mutations and Copy Number Alterations in IDH Wild-Type Glioblastomas Are Shaped by Different Oncogenic Mechanisms**
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BIOMEDICINES, vol.8, no.12, 2020 (SCI-Expanded)
- XXIII. **Correlations between genomic subgroup and clinical features in a cohort of more than 3000 meningiomas**
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- XXIV. **Mutations and copy number alterations in diffuse gliomas are shaped by different mechanisms**
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- XXV. **Identification of IDH and TERTp mutation status using ^{1}H -MRS in 112 hemispheric diffuse gliomas.**
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- XXVI. **Whole exome sequencing-based analysis to identify DNA damage repair deficiency as a major contributor to gliomagenesis in adult diffuse gliomas**
Ulgen E., CAN Ö., Bilguvar K., OKTAY Y., AKYERLİ BOYLU C., Danyeli A., Yakıcıer M. C., Sezerman O. U., Pamir M. N., Ozdoğan K.
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- XXVII. **Clinoidal meningiomas.**
Pamir M., Özdoğan K.
Handbook of clinical neurology, vol.170, pp.25-35, 2020 (SCI-Expanded)
- XXVIII. **Current decision-making in meningiomas.**
Pamir M. N., Özdoğan K.
Handbook of clinical neurology, vol.169, pp.229-252, 2020 (SCI-Expanded)

- XXIX. **Elderly Patients with Intracranial Meningioma: Surgical Considerations in 228 Patients with a Comprehensive Analysis of the Literature.**
Ekşi M. Ş., Canbolat C., Akbas A., Ozmen B. B., Akpınar E., Usseli M. İ., Güngör A., Güdük M., Hacıhanefioglu M., Danyeli A., et al.
World neurosurgery, vol.132, 2019 (SCI-Expanded)
- XXX. **Ventricular Meningiomas: Surgical Strategies and a New Finding That Suggest an Origin From the Choroid Plexus Epithelium.**
Güngör A., Danyeli A., Akbas A., Ekşi M. Ş., Güdük M., Özdoğan K., Pamir M. N.
World neurosurgery, vol.129, 2019 (SCI-Expanded)
- XXXI. **Sphenoid Wing Meningiomas: Surgical Outcomes in a Series of 141 Cases and Proposal of a Scoring System Predicting Extent of Resection**
Güdük M., Özdoğan K., Pamir M. N.
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- XXXII. **Meningiomas Display a Specific Immunoexpression Pattern in a Rostrocaudal Gradient: An Analysis of 366 Patients**
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- XXXIII. **Use of telomerase promoter mutations to mark specific molecular subsets with reciprocal clinical behavior in IDH mutant and IDH wild-type diffuse gliomas**
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- XXXIV. **Longitudinal analysis of treatment-induced genomic alterations in gliomas**
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- XXXV. **Pterional and Unifrontal Approaches for the Microsurgical Resection of Olfactory Groove Meningiomas: Experience with 61 Consecutive Patients.**
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- XXXVI. **IDH-mutant glioma specific association of rs55705857 located at 8q24.21 involves MYC deregulation**
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- XXXVII. **Integrated genomic characterization of IDH1-mutant glioma malignant progression**
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- XXXVIII. **Somatic POLE mutations cause an ultramutated giant cell high-grade glioma subtype with better prognosis**
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- XXXIX. **Gliomların Moleküler Patogenezi**
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Urologic Clinics Of North America, vol.2, no.3, pp.23-27, 2014 (SCI-Expanded)
- XL. **Gliomların Patolojisi ve Moleküler Biyolojik Özellikleri**
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- XLI. **Sporadic Spinal Hemangioblastomas Can be Effectively Treated by Microsurgery Alone**
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- WORLD NEUROSURGERY, vol.82, no.5, pp.836-847, 2014 (SCI-Expanded)
- XLII. **Quantification of fibrin degradation products in glioma and meningioma patients**
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- XLIII. **Using intraoperative dynamic contrast-enhanced T1-weighted MRI to identify residual tumor in glioblastoma surgery**
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- XLIV. **Intraoperative magnetic resonance spectroscopy for identification of residual tumor during low-grade glioma surgery Clinical article**
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- XLV. **Genomic Analysis of Non-NF2 Meningiomas Reveals Mutations in TRAF7, KLF4, AKT1, and SMO**
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- XLVI. **The Impact of German-Speaking Academicians on Higher Education in Turkey**
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- XLVII. **LuIII parvovirus selectively and efficiently targets, replicates in, and kills human glioma cells.**
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- XLVIII. **Oncolytic Virus Therapy for Glioblastoma Multiforme Concepts and Candidates**
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- L. **Current Status of Neurosurgery in Turkey**
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- LI. **Temporal Expression of Angiogenesis-Related Genes in Developing Neonatal Rodent Retina: A Novel in Vivo Model to Study Cerebral Vascular Development**
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- LII. **First intraoperative, shared-resource, ultrahigh-field 3-Tesla magnetic resonance imaging system and its application in low-grade glioma resection Clinical article**
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- LIII. **3-T ultrahigh-field intraoperative MRI for low-grade glioma resection.**
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- LIV. **Peripheral immunization blocks lethal actions of vesicular stomatitis virus within the brain.**
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- LVI. **Anterior clinoidal meningiomas: analysis of 43 consecutive surgically treated cases**
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- ACTA NEUROCHIRURGICA, no.7, pp.625-636, 2008 (SCI-Expanded)
- LVII. **Systemic vesicular stomatitis virus selectively destroys multifocal glioma and metastatic carcinoma in brain.**
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- LVIII. **Adenoviral-mediated gene transfer into the canine brain in vivo - Comments**
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- LX. **Non-meningeal tumours of the cavernous sinus: A surgical analysis**
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- LXI. **The galenic venous system: Surgical anatomy and its angiographic and magnetic resonance venographic correlations**
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- LXII. **Outcome determinants of pterional surgery for tuberculum sellae meningiomas**
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- LXV. **Long-term outcome after epilepsy surgery for focal cortical dysplasia.**
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- LXVI. **Clinicopathological review: Giant intraventricular cavernous malformation**
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- LXVII. **Anatomic landmarks of the glossopharyngeal nerve: A microsurgical anatomic study**
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- LXX. **Effects of valproate, phenytoin, and MK-801 in a novel model of epileptogenesis**
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Articles Published in Other Journals

- I. **Gliom Gelişiminde Genetik Yatkınlığın Rolü**
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- II. **Meningiomların moleküler biyolojisi**
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- III. **Tumor-biology and current treatment of skull-base chordomas.**
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- IV. **Delayed intracerebral hemorrhage after ventriculoperitoneal shunting**
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- V. **Intradural rupture of cervical vertebral disc**
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Books

- I. **Düşük Gradeli Gliomlar**
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- II. **Kraniyal kordomalar**
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- III. **19-Perioperative management of patients with meningiomas**
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in: Meningiomas- A comprehensive text, Pamir MN, Black P, Fahlbusch R, Editor, Elsevier Science, Oxford/Amsterdam , Pennsylvania, pp.291-296, 2020

Papers Published in Refereed Scientific Meetings

- I. **METILASYON PROFİLİNE DAYALI TÜMÖR SINIFLAMASI DENEYİMİ**
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Memberships / Tasks in Scientific Organizations

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Scientific Research / Working Group Memberships

Acibadem Üniversitesi Beyin Tümör Araştırma Grubu, Acibadem Mehmet Ali Aydınlar University, Turkey,
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