

## Prof. Dr. Mehmet Dumlu AYDIN

### Kişisel Bilgiler

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### Eğitim Bilgileri

Tıpta Uzmanlık, Atatürk Üniversitesi, Tıp Fakültesi, Beyin Cerrahisi Anabilim Dalı, Türkiye 1991 - 1996

### Yabancı Diller

İngilizce, B2 Orta Üstü

### Sertifika, Kurs ve Eğitimler

Sağlık ve Tıp, Emory University Neuroscience Lab, Emory University Aatlanta ABD, 2011

Sağlık ve Tıp, Maastricht University, Neuroscience, 2008

### Yaptığı Tezler

Tıpta Uzmanlık, Mide Kanseri Vagal Sinir İlişkileri, Atatürk Üniversitesi, Tıp Fakültesi, Beyin Cerrahisi Anabilim Dalı, 2017

Tıpta Uzmanlık, BCCAL nun PCOMA ya etkisi, Sağlık Bilimleri Üniversitesi, Bakırköy Hastanesi, Beyin Cerrahisi, 2006

### Araştırma Alanları

Tıp, Sağlık Bilimleri, Temel Tıp Bilimleri, Anatomi, Biyofizik, Histoloji-Embriyoloji, Cerrahi Tıp Bilimleri, Sinir Sistemi Cerrahisi, Fizik, Elektromanyetizma, Akustik, Isı Transferi, Klasik Mekanik ve Akışkanlar Dinamiği, Akustik, Temel Bilimler

### Akademik Unvanlar / Görevler

Prof. Dr., Atatürk Üniversitesi, Tıp Fakültesi, Cerrahi Tıp Bilimleri, 2011 - Devam Ediyor

### Akademik İdari Deneyim

Atatürk Üniversitesi, 2017 - 2017

## Verdiği Dersler

Kafa travmaları , Tıpta Uzmanlık, 2023 - 2024  
Posterior dolaşım anevrizmaları , Tıpta Uzmanlık, 2023 - 2024  
Glial tümörler , Tıpta Uzmanlık, 2023 - 2024  
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Metastatik tümörler , Tıpta Uzmanlık, 2023 - 2024  
Kraniyal cerrahi anatomi , Tıpta Uzmanlık, 2023 - 2024

## Yönetilen Tezler

AYDIN M. D., Vagal sinir Mide kanseri ilişkileri, Tıpta Uzmanlık, S.Kara(Öğrenci), 2017  
AYDIN M. D., BCCAL'nin PComA'ya Etkisi, Tıpta Uzmanlık, M.KARALAR(Öğrenci), 2006

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

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- III. **New experimental finding of dangerous autonomic ganglia changes in cardiac injury following subarachnoid hemorrhage; a reciprocal culprit-victim relationship between the brain and heart**  
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- XII. **First histopathological bridging of the distance between Onuf & apos;s nucleus and substantia nigra after olfactory bulbectomy-new ideas about the urinary dysfunction in cerebral neurodegenerative disease: an experimental study**  
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- XXIII. **The Role of Cardiac Ganglia in the Prevention of Coronary Atherosclerosis: An Analytical Examination of Cholesterol-fed Rabbits**  
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- XXV. **Olfactory bulbectomy and raphe nucleus relationship: a new vision for well-known depression model.**  
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- XXVI. **Describing a New Mechanism of Retinal Detachment Secondary to Ophthalmic Artery Vasospasm Following Subarachnoid Hemorrhage: An Experimental Study**  
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- XXVII. **Exploring of the Unpredicted Effects of Olfactory Network Injuries on Mammary Gland Degeneration: A Preliminary Experimental Study.**  
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- XXXII. **Neurogenic Stress Cardiomyopathy Following Subarachnoid Hemorrhage Is Associated with Vagal Complex Degeneration: First Experimental Study.**  
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- XXXIII. **Toward understanding the causes of blood pH irregularities and the roles of newly described binuclear neurons of carotid bodies on blood pH regulation during subarachnoid hemorrhage: Experimental study.**

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- XXXIV. **The casual association of cervical spinal cord ischemia and axonal degeneration in second motor neuron following subarachnoid hemorrhage: Experimental study.**  
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Journal of clinical neuroscience : official journal of the Neurosurgical Society of Australasia, cilt.66, ss.235-238, 2019 (SCI-Expanded)
- XXXV. **First emerging objective experimental evidence of hearing impairment following subarachnoid haemorrhage; Felix culpa, phonophobia, and elucidation of the role of trigeminal ganglion.**  
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- XXXVI. **Predeterminative role of Onuf's nucleus ischemia on mesenteric artery vasospasm in spinal subarachnoid hemorrhage: A preliminary experimental study**  
KARADENİZ E., ÇAĞLAR Ö., FIRINCI B., AHISKALIOĞLU A., AYDIN M. D., KOÇAK M. N., TAGHIZADEHGHALEHJOUGHİ A., YİĞİTER M., ŞİPAL S., GÜNDOĞDU B.  
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- XXXVII. **Brachial Artery Vasospasm Caused by Cervical Dorsal Root Ganglion Degeneration After Subarachnoid Hemorrhage: An Experimental Study.**  
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- XXXVIII. **A New Neuropathologic Mechanism of Blood pH Irregularities After Neck Trauma: Importance of Carotid Body-Glossopharyngeal Nerve Network Degeneration.**  
ÇAKIR T., KAYACI S., Aydın M. D., OZONER B., ÇALIK İ., ALTINKAYNAK K.  
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- XXXIX. **Paradoxic Relations between Basilar Artery Reconfiguration and Superior Cervical Ganglia Ischemia After Bilateral Common Carotid Artery Ligation.**  
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- XL. **Mysterious effects of olfactory pathway lesions on intestinal immunodeficiency targeting Peyer's patches: The first experimental study**  
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- XLI. **Predictive Role of the Cervical Sympathetic Trunk Ischemia on Lower Heart Rates in an Experimentally Induced Stenoocclusive Carotid Artery Model by Bilateral Common Carotid Artery Ligation**  
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- XLII. **Spinal Subarachnoid Hemorrhage Induced Intractable Miotic Pupil. A Reminder of Ciliospinal Sympathetic Center Ischemia Based Miosis: An Experimental Study.**  
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- TANRIVERDI O., Aydin M. D., ONEN M., YILMAZ I., KILIC M., AYDIN N., DUMAN A., OZMEN S.  
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- XLVII. **The sooth beneath the taste roseas in the urethra and first description of neuro-morpho-chemical mechanism of penile erectile posture in males: an experimental study.**  
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- L. **A New Technique in Surgical Management of the Giant Cerebral Hydatid Cysts**  
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- LI. **Uncovering the Forgotten Effect of Superior Cervical Ganglia on Pupil Diameter in Subarachnoid Hemorrhage: an Experimental Study**  
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- LVI. **Inverse Association Between Basilar Artery Volume and Neuron Density in the Stellate Ganglion**

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- LIX. **An experimental study of the neurophysical mechanisms of photophobia induced by subarachnoid hemorrhage.**  
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## Diğer Dergilerde Yayınlanan Makaleler

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## **Experimental Study**

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