

## Prof. TEVFİK ERHAN COŞAN

### Personal Information

**Email:** ecosan@ogu.edu.tr

**Web:** <https://avesis.ogu.edu.tr/ecosan>

### Education Information

Expertise In Medicine, Diğer (Kurumlar,hastaneler Vb.), Hastaneler, Ankara Numune Eğitim Ve Araştırma Hastanesi, Turkey 1987 - 1993

### Research Areas

Health Sciences

### Academic Titles / Tasks

Professor, Eskisehir Osmangazi University, TIP FAKÜLTESİ, Cerrahi Tıp Bilimleri Bölümü, 1995 - Continues

### Academic and Administrative Experience

Head of Ethics Committee, Eskisehir Osmangazi University, TIP FAKÜLTESİ, CERRAHİ TIP BİLİMLERİ BÖLÜMÜ, 2023 - Continues

Anabilim Dalı Akademik Kurul Üyesi, Eskisehir Osmangazi University, TIP FAKÜLTESİ, CERRAHİ TIP BİLİMLERİ BÖLÜMÜ, 2023 - Continues

Fakülte Yönetim Kurulu Üyesi, Eskisehir Osmangazi University, TIP FAKÜLTESİ, CERRAHİ TIP BİLİMLERİ BÖLÜMÜ, 2022 - Continues

Fakülte Kurulu Üyesi, Eskisehir Osmangazi University, TIP FAKÜLTESİ, CERRAHİ TIP BİLİMLERİ BÖLÜMÜ, 2022 - Continues

### Courses

#### Postgraduate

Cerrahi Bel Ağrıları, Postgraduate, 2024 - 2025

Kafa travmalı hastaya yaklaşım, Postgraduate, 2024 - 2025

### Jury Memberships

Competition, 2023-24 Yılı Proje Poster Sunum Yarışması, Eskişehir Osmangazi Üniversitesi, June, 2024

Associate Professor Exam, Associate Professor Exam, Eskisehir Osmangazi University, October, 2023

Associate Professor Exam, Associate Professor Exam, Eskisehir Osmangazi University, October, 2023

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

- I. **An Enriched Environment Leads to Increased Synaptic Plasticity-Associated miRNA Levels after Experimental Subarachnoid Hemorrhage**  
Ergen F. B., Cosan D., Kandemir T., Dag İ., Mutlu F., Cosan T. E.  
JOURNAL OF STROKE & CEREBROVASCULAR DISEASES, no.6, 2021 (SCI-Expanded)
- II. **Early decompressive surgery after combined intra-venous thrombolysis and endovascular stroke treatment**  
Ozdemir O., ÖZBEK Z., VURAL M., DURMAZ R., Cosan E., ARSLANTAŞ A., Atasoy M. A.  
CLINICAL NEUROLOGY AND NEUROSURGERY, 2014 (SCI-Expanded)
- III. **Efficacy of Prognostic Factors on Survival in Patients with Low Grade Glioma**  
DURMAZ R., VURAL M., Isildi E., Cosan E., Ozkara E., BAL C., Ciftci E., ARSLANTAŞ A., Atasoy M. A.  
TURKISH NEUROSURGERY, no.4, pp.336-344, 2008 (SCI-Expanded)
- IV. **Genomic alterations in low-grade, anaplastic astrocytomas and glioblastomas**  
Arslantas A., Artan S., Oner U., Muslumanoglu M. H., Ozdemir M., Durmaz R., Arslantas D., Vural M., Cosan E., Atasoy M. A.  
PATHOLOGY & ONCOLOGY RESEARCH, no.1, pp.39-46, 2007 (SCI-Expanded)
- V. **Trace minerals in experimental subarachnoid haemorrhage: zinc, copper and manganese levels in rat brain tissue, blood and urine - Comment**  
Cosan T. E., Demir T., Yayla E., Cosan D., Berber A., Kaynak Z.  
ACTA NEUROCHIRURGICA, no.4, pp.448, 2006 (SCI-Expanded)
- VI. **Peripheral seventh nerve palsy due to transorbital intracranial penetrating pontine injury**  
Cosan T. E., Adapinar B., Cakli H., Gurbuz M. K.  
EUROPEAN ARCHIVES OF OTO-RHINO-LARYNGOLOGY, no.4, pp.327-330, 2006 (SCI-Expanded)
- VII. **Trace minerals in experimental subarachnoid haemorrhage: zinc, copper and manganese levels in rat brain tissue, blood and urine**  
Cosan T. E., Demir T., Yayla E., Cosan D., Berber A., Kaynak Z.  
ACTA NEUROCHIRURGICA, no.4, pp.443-448, 2006 (SCI-Expanded)
- VIII. **Surgical results in pediatric Spetzler-Martin grades I-III intracranial arteriovenous malformations**  
Cosan T. E.  
CHILDS NERVOUS SYSTEM, no.1, pp.75-76, 2005 (SCI-Expanded)
- IX. **The importance of genomic copy number changes in the prognosis of glioblastoma multiforme**  
Arslantas A., Artan S., Oner U., Muslumanoglu H., Durmaz R., Cosan E., Atasoy M., Basaran N., Tel E.  
NEUROSURGICAL REVIEW, no.1, pp.58-64, 2004 (SCI-Expanded)
- X. **Total sialic acid levels decrease in the periventricular area of infantile rats with hydrocephalus**  
Cosan T. E.  
CHILDS NERVOUS SYSTEM, no.12, pp.829-830, 2003 (SCI-Expanded)
- XI. **Assessment of cerebral blood flow velocities in pre and post angiographic states with transcranial doppler**  
Arslantas A., Gucuyener D., Uzuner N., Cosan E., Durmaz R., Atasoy M., Ozdemir G., Tel E.  
NEUROLOGY INDIA, no.4, pp.459-461, 2002 (SCI-Expanded)
- XII. **Progressive ventricular enlargement in the absence of high ventricular pressure in an experimental neonatal rat model**  
Cosan T. E., Guner A., Akcar N., UZUNER K., Tel E.  
CHILDS NERVOUS SYSTEM, no.1-2, pp.10-14, 2002 (SCI-Expanded)
- XIII. **Spinal toxoplasmic arachnoiditis associated with osteoid formation - A rare presentation of toxoplasmosis**  
Cosan T. E., Kabukcuoglu S., Arslantas A., Atasoy M., Dogan N., Ozgunes L., Kebabci M., Tel E.  
SPINE, no.15, pp.1726-1728, 2001 (SCI-Expanded)
- XIV. **Pulsatility index - Response**  
Cosan E., Gucuyener D.  
JOURNAL OF NEUROSURGERY, no.4, pp.686, 2001 (SCI-Expanded)

- XV. **Cerebral blood flow alterations in progressive communicating hydrocephalus: transcranial Doppler ultrasonography assessment in an experimental model**  
Cosan T. E., Gucuyener D., Dundar E., Arslantas A., Vural M., UZUNER K., Tel E.  
JOURNAL OF NEUROSURGERY, no.2, pp.265-269, 2001 (SCI-Expanded)
- XVI. **Inadvertent insertion of a nasogastric tube in a patient with head trauma**  
Arslantas A., Durmaz R., Cosan E., Tel E.  
CHILDS NERVOUS SYSTEM, no.1-2, pp.112-114, 2001 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Deneyisel Subaraknoid Kanama Sonrası Gelişen Vazospazmda Tadalafilin Damar Yapısı ve Apoptozis Üzerine Etkisi Tadalafil on Vessel Structure and Apoptosis in Vasospasm After Experimental Subarachnoid Hemorrhage**  
ÖZBEK Z., ÖZKARA E., HANCIOĞLU İ. E., KİPER G., BURUKOĞLU DÖNMEZ D., TURGUT COŞAN D., COŞAN T. E.  
TURK NOROLOJI DERGISI, vol.34, no.1, pp.23-32, 2024 (ESCI)
- II. **Instrumentation for posterior stabilisation of cervical traumatic and degenerative disorders: bullet-shaped implant and titanium cable.**  
Arslantas A., Cosan E., Durmaz R., Ert Lav K., Atasoy M., Tel E.  
Journal of neurosurgical sciences, vol.45, no.4, 2001 (Scopus)

## Books

- I. **CONSCIOUSNESS and REALITY in The Light of Quantum Universe**  
Coşan T. E., Alğın A.  
Nobel Tıp Kitapevi, Ankara, 2021
- II. **NÖROŞİRÜRJİ'DE TEMEL KONULAR VE İLKELER**  
Coşan T. E.  
Eskişehir Osmangazi Üniversitesi Yayınevi, Eskişehir, 2004

## Papers Published in Refereed Scientific Meetings

- I. **Changes in expression levels of some microRNAs in the rat frontal lobe at different times of healing period after experimental subarachnoid hemorrhage**  
Ergen F. B., Cosan D., Kandemir T., Mutlu F., Cosan T. E.  
52nd Conference of the European-Society-of-Human-Genetics (ESHG), Gothenburg, Sweden, 15 - 18 June 2019, pp.1458-1459
- II. **The association between pain, mood, disability, quality of life after lumbar disc surgery**  
DEMİRTAŞ R. N., KAVLAK Y., UYSAL H. H., DURMAZ R., ARSLANTAŞ A., COŞAN T. E., ATASOY A. M., DOĞAN F.  
7. International congress on spine, Turkey, 14 - 17 April 2005
- III. **The Associations Between Pain, Mood, Disability, Quality of Life, Balance, Hand Grip, Upper Extremities Strength Following Cervical Disc Surgery**  
DEMİRTAŞ R. N., KAVLAK Y., UYSAL H. H., DURMAZ R., ARSLANTAŞ A., COŞAN T. E., ATASOY M. A., MUTLU F.  
7th International Congress on Spine- Abstract Book, 14 - 17 April 2005, pp.42
- IV. **The Associations Between Pain Mood Disability Quality of Life Balance Hand Grip Upper Extremities Strengthes and Neck Mobility Following Cervical Disc Surgery**  
DEMİRTAŞ R. N., KAVLAK Y., UYSAL H. H., ARSLANTAŞ A., COŞAN T. E., DURMAZ R., ATASOY A. M.  
International Neurological Rehabilitation Congress, Antalya, Turkey, 14 - 17 April 2005
- V. **The Associations Between Pain Mood Disability Quality of Life Trunk and Extremities Muscle**

## **Strength After Lumbar Disc Surgery**

Demirtaş R. N., Kavlak Y., Uysal H. H., Durmaz R., Arslantaş A., Coşan T. E., Atasoy A. M.

International Neurological Rehabilitation Congress, Antalya, Turkey, 14 - 17 April 2005

## **Supported Projects**

COŞAN T. E., BAŞYAZICI EKİNCİ G., Project Supported by Higher Education Institutions, Glioblastoma Multiformede Karbon Monoksitin Temazolomid ile Karşılaştırmalı Terapötik Etkisinin Araştırılması-Hücre Kültür Çalışması, 2023 - 2024

COŞAN T. E., TURGUT COŞAN D., ÖZKARA E., ERGEN F. B., KANDEMİR T., Project Supported by Higher Education Institutions, Spinal Kord Hasarı Oluşturulan Sıçanlarda Metformin Uygulamasının Bazı Nörolojik Fonksiyon Aktiviteleri ve İlişkili Bölgelerdeki Sinaptik Bağlantılara Etkisi, 2022 - 2023

Turgut Coşan D., Coşan T. E., Kandemir T., TÜBİTAK Project, Deneysel Subaraknoid Kanamada Bazı Nörolojik Fonksiyon Ve Sinaptik Bağlantılara Metforminin Etkisi, 2021 - 2022

COŞAN T. E., Ergen F. B., TURGUT COŞAN D., Project Supported by Higher Education Institutions, Subaraknoid Kanama Sonrası Farklı Ortam Koşullarının, Mikrotübüller ve Tau Proteini ile Bazı MikroRNA'lar Üzerine Etkisi, 2016 - 2017

TURGUT COŞAN D., COŞAN T. E., Project Supported by Higher Education Institutions, Subaraknoid kanama sonrası farklı ortam koşullarının, mikrotübüller ve Tau proteini ile bazı mikroRNA'xxlar üzerine etkisi, 2016 - 2017

## **Peer Reviews in Scientific Publications**

THE EUROPEAN RESEARCH JOURNAL, National Scientific Refreed Journal, November 2024

## **Metrics**

Publication: 118

Citation (WoS): 173

Citation (Scopus): 211

H-Index (WoS): 8

H-Index (Scopus): 8

## **Congress and Symposium Activities**

1. Ulusal Beyin ve Psikoloji Zirvesi, Invited Speaker, Diyarbakır, Turkey, 2024

Türk Nöroşirürji Derneği 37. Bilimsel Kong, Invited Speaker, Antalya, Turkey, 2024

## **Non Academic Experience**

ESOGÜ Tıp Fakültesi, Prof.