

## **Assoc. Prof. AHMET KEMAL FİLİZ**

### **Personal Information**

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### **International Researcher IDs**

**ORCID:** 0000-0001-9260-5549  
**Yoksis Researcher ID:** 106466

### **Research Areas**

Health Sciences

### **Academic Positions**

Assistant Professor, Sivas Cumhuriyet University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2017 - Continues Expert, Sivas Cumhuriyet University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2013 - 2017  
Research Assistant, Sivas Cumhuriyet University, Tıp Fakültesi, Tıp Fakültesi, 2009 - 2013

### **Courses**

#### **Postgraduate**

Solunum Fizyolojisi ve Spirometrik Yöntemler, Postgraduate, 2019 - 2020

#### **Undergraduate**

Fizyoloji, Undergraduate, 2019 - 2020

Fizyoloji, Undergraduate, 2018 - 2019

### **Journal articles indexed in SCI, SSCI, and AHCI**

- I. **Mechanism of anticancer effect of ETP-45658, a PI3K/AKT/mTOR pathway inhibitor on HT-29 Cells**  
YULAK F., FİLİZ A. K., JOHA Z., ERGÜL M.  
Medical Oncology, vol.40, no.12, 2023 (SCI-Expanded)
- II. **The Role of Nitric Oxide Pathway in the Anti-Epileptogenic Effect of Valproic Acid in the Pentylenetetrazole-Kindling Model in Rats**  
Şahin B., Filiz A. K., Joha Z.  
NEUROCHEMICAL JOURNAL, vol.17, pp.289-296, 2023 (SCI-Expanded)
- III. **Galium aparine L. protects against acetaminophen-induced hepatotoxicity in rats**  
Şahin B., Karabulut S., Filiz A. K., Özkaraca M., Gezer A., Akpulat H. A., Ataseven H.  
Chemico-Biological Interactions, vol.366, 2022 (SCI-Expanded)
- IV. **Involvement of nitric oxide pathway in the acute anticonvulsant effect of salmon calcitonin in rats**  
FİLİZ A. K., KARABULUT S.  
EPILEPSY RESEARCH, vol.180, 2022 (SCI-Expanded)
- V. **Thiamine alleviates cognitive impairment and epileptogenesis by relieving brain inflammation in PTZ-induced kindling rat model**

- KARABULUT S., FİLİZ A. K., AKKAYA R.  
 NEUROLOGICAL RESEARCH, vol.44, no.10, pp.902-909, 2022 (SCI-Expanded)
- VI. Expression of Serum Vascular Endothelial Growth Factor and Angiopoietin Receptor Tie-2 in Essential Hypertension  
 FİLİZ A. K., ÖZDEMİR E., GÜNEŞ H., YILMAZ M.  
 WEST INDIAN MEDICAL JOURNAL, vol.69, no.7, pp.464-470, 2022 (SCI-Expanded)
- VII. Protective effects of lamotrigine and vitamin B12 on pentylenetetrazole-induced epileptogenesis in rats  
 Filiz A. K., Gumus E., Karabulut S., Tastemur Y., Taskiran A. Ş.  
 EPILEPSY & BEHAVIOR, vol.118, 2021 (SCI-Expanded)
- VIII. Ghrelin receptor agonist hexarelin attenuates antinociceptive tolerance to morphine in rats  
 Baser T., Ozdemir E., Filiz A. K., Taskiran A. Ş., Gursoy S.  
 CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, vol.99, no.5, pp.461-467, 2021 (SCI-Expanded)
- IX. Mechanism of anti-cancer effect of beta-glucan on SH-SY5Y cell line  
 FİLİZ A. K., Joha Z., YULAK F.  
 BANGLADESH JOURNAL OF PHARMACOLOGY, vol.16, no.4, pp.122-128, 2021 (SCI-Expanded)
- X. Role of dopaminergic system in oxytocin analgesia: The missing part in a puzzle  
 Taştemur Y., Taşkiran A. Ş., Altun A., Filiz A. K., Gulmez K., Çimen K., Özdemir E.  
 TROPICAL JOURNAL OF PHARMACEUTICAL RESEARCH, vol.19, pp.1087-1092, 2020 (SCI-Expanded)
- XI. Effect of the allopregnanolone and allotetrahydrodeoxycorticosteron on spike-wave discharges in the EEG of absence epilepsy rat models  
 Karabulut S., BAYRAMOV R., Bayramov K. K., Filiz A. K., Taskiran A. Ş., ÖZDEMİR E.  
 GENERAL PHYSIOLOGY AND BIOPHYSICS, vol.37, no.2, pp.205-211, 2018 (SCI-Expanded)
- XII. Evaluation of complement system in children with Crimean-Congo hemorrhagic fever  
 Sancakdar E., Uysal E. B., Guven A. S., Kaya A., Filiz A. K., Acibucu D. O., Deveci K., Seker M. M.  
 EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol.18, no.5, pp.675-679, 2014 (SCI-Expanded)
- XIII. The change in concentrations of VEGF endostatin and sVEGFR according to trimesters in pregnancy  
 Çetindağ A., Özdemir E., Filiz A. K., Boztosun A.  
 SYLWAN, vol.158, no.6, pp.508-530, 2014 (SCI-Expanded)
- XIV. Prognostic value of serum Tie-2 and vascular endothelial growth factor levels in cancer patients  
 Seker M. M., Sancaktar E., Acibucu D. O., Filiz A. K., Deveci K., Bahceci A., Kacan T., Babacan N., Yuce S.  
 EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol.17, no.21, pp.2929-2932, 2013 (SCI-Expanded)

## Articles Published in Other Journals

- I. The Effect of Carbamazepine Against Glutamate-induced Cytotoxicity in the C6 Cell Line  
 Filiz A. K., Öztürk A.  
 International Journal of Scientific and Technological Research, vol.7, no.8, pp.67-76, 2021 (Peer-Reviewed Journal)
- II. Farelerde Pentalentetrazol ile Oluşturulan Epileptik Nöbetler Üzerine Anakinranın Etkisinin Araştırılması  
 FİLİZ A. K., KARABULUT S.  
 Ahi Evran Medical Journal, vol.5, no.2, pp.103-108, 2021 (Peer-Reviewed Journal)
- III. The effect of penicillin-induced epileptiform activity on proinflammatory cytokines levels in the rat brain  
 FİLİZ A. K., KARABULUT S.  
 Cumhuriyet Science Journal, vol.42, no.1, pp.1-6, 2021 (Peer-Reviewed Journal)
- IV. Effects of the phosphodiesterase type-5 inhibitor tadalafil on nociception,morphine analgesia and tolerance in rats

- TAŞKIRAN A. Ş., ÖZDEMİR E., ARSLAN G., FİLİZ A. K., TAŞTEMUR Y.  
Experimental Biomedical Research, 2018 (Peer-Reviewed Journal)
- V. The Effect of Oxytocin and Some Chemicals in a Rat Model of Absence Epilepsy (WAG/RİJ)  
ÇAKIR Z., FİLİZ A. K., ÖZDEMİR E.  
European Journal of Experimental Biology, vol.7, no.2, pp.1-6, 2017 (Peer-Reviewed Journal)
- VI. The Effects of Daily Repeated Magnetic Field on S Nitroso N acetyl DL penicillamine Induced Hyperalgesia  
ALTUN A., ERGÜL M., FİLİZ A. K., PARLAK M., ERGÜL M., TEMİZ T.  
Cumhuriyet Medical Journal, vol.36, no.3, pp.310-319, 2014 (Peer-Reviewed Journal)

### Papers Presented at Peer-Reviewed Scientific Conferences

- I. TANNİK ASİTİN MİDE ADENOKARSİNOM KANSERİ (SNU-1) HÜCRE HATTI ÜZERİNDEKİ ANTİPROLİFERATİF ETKİSİNİN ARAŞTIRILMASI  
FİLİZ A. K., ÖZTÜRK A.  
2. ULUSLARARASI SAĞLIK BİLİMLERİ, BİYOMEDİKAL VE YENİLİKÇİ YAKLAŞIMLAR KONGRESİ, Ankara, Turkey, 09 March 2022, (Full Text)
- II. INVESTIGATION OF THE ANTIPIROLIFERATIVE EFFECT OF OMIPALISIB ON C6 GLIOMA CELL LINE  
FİLİZ A. K.  
16. MAS INTERNATIONAL EUROPEAN CONFERENCE ON MATHEMATICS, ENGINEERING, NATURAL & MEDICAL SCIENCES, Mardin, Turkey, 22 - 23 February 2022, pp.1-552, (Summary Text)
- III. INVESTIGATION OF THE ANTIPIROLIFERATIVE EFFECT OF URIDINE ON MDA-MB-231 CELL LINE  
FİLİZ A. K., JOHA Z.  
2. International Cancer Days, Sivas, Turkey, 16 September 2021, (Summary Text)
- IV. INVESTIGATION OF THE EFFECT OF CISPLATIN ON FETUIN A IN THE SH-SY5Y CELL LINE  
JOHA Z., YULAK F., FİLİZ A. K.  
INTERNATIONAL GEVHER NESIBE HEALTH SCIENCES CONFERENCE-VII, Kayseri, Turkey, 16 April 2021, (Summary Text)
- V. The Effect of Valproic Acid Pentylenetetrazole-induced Neurotoxicity in the SH-SY5Y Human Neuroblastoma Cell Line  
TAŞKIRAN A. Ş., FİLİZ A. K.  
6. INTERNATIONAL GEVHER NESIBE HEALTH SCIENCES CONFERENCE, 13 - 15 November 2020, (Summary Text)
- VI. The Effect of Metformin against Hydrogen Peroxide (H<sub>2</sub>O<sub>2</sub>)-Induced Oxidative Damage in C6 Cell Line  
TAŞKIRAN A. Ş., FİLİZ A. K.  
4th International Hippocrates Congress on Medical and Health Sciences, 25 - 26 September 2020, (Summary Text)
- VII. Vitamin B12 ve Lamotrijin Kombinasyonunun Sıçanlarda Pentilentetrazolle Oluşturulan Epileptogez ve Epileptogenez Sonrası Hafıza Bozukluğu Üzerine Etkisi  
FİLİZ A. K.  
3. uluslararası hipokrat tip ve sağlık bilimleri kongresi, Ankara, Turkey, 06 March 2020, vol.1, pp.88-89, (Summary Text)
- VIII. Effect of Vitamin B12 on TNF- $\alpha$  and IL-1 $\beta$  Levels in Rat Brain After Epileptic Seizures in PTZ-Kindling Model  
FİLİZ A. K., KARABULUT S.  
1. International Ahi Evran Medicine and Science Congress, Kırşehir, Turkey, 11 - 14 April 2019, pp.401-402, (Full Text)
- IX. Elektromanyetik Alanın Gebe Sıçanlarda Öğrenme ve Hafıza Üzerine Etkisinin Araştırılması  
ÇAKIR Z., BOZOKLU AKKAR Ö., FİLİZ A. K.  
13. Ulusal Sinirbilim Kongresi, Konya, Turkey, 30 April - 03 May 2015, (Summary Text)
- X. Absans Epileptik (Wag/Rij) Sıçanlarda Oksitosinin Antiepileptik Etkisinin Araştırılması

- ÇAKIR Z., BENEK B. S., FİLİZ A. K., ÖZDEMİR E.  
8. Hücresel Sinirbilim Günleri, Sakarya, Turkey, 29 - 30 November 2014
- XI. **Anjiogenik Faktör ve Anjiyopoietin/tie-2 Rezeptör Sisteminin Arteriyel Hipertansiyondaki Rolü**  
FİLİZ A. K., ÖZDEMİR E., GÜNEŞ H., ÇAKIR Z.  
40. Ulusal Fizyoloji Kongresi, Kayseri, Turkey, 2 - 06 September 2014, (Summary Text)
- XII. **Absans Epileptik (Wag/Rij) Sıçanlarda Oksitosinin ve Çeşitli İlaçlarla Kombinasyonlarının Antiepileptik Etkileri**  
ÇAKIR Z., BENEK B. S., FİLİZ A. K., ÖZDEMİR E.  
40. Ulusal Fizyoloji Kongresi, Kayseri, Turkey, 2 - 06 September 2014, (Summary Text)
- XIII. **Finasterid uygulanan WAG/Rij sıçanlarda nöroaktif steroidler olan THDOC ve THPROG'un EEG'de diken dalga deşarjlara etkisi**  
KARABULUT S., BENEK B. S., FİLİZ A. K., ÇAKIR Z., GÜLTÜRK S.  
11. ulusal sinir bilim kongresi, İzmir, Turkey, 28 April 2013 - 01 May 2012, (Summary Text)
- XIV. **Finasterid uygulanan WAG/Rij sıçanlara nöroaktif steroidler olan THDOC ve THPROG'un EEG'de diken dalga deşarjlara etkisi**  
KARABULUT S., FİLİZ A. K., GÜLTÜRK S., GÜVEN A. S., BENEK B. S., ÇAKIR Z.  
29. ULUSAL KLİNİK NÖROFİZYOLOJİ EEG-EMG KONGRESİ, Antalya, Turkey, 03 April 2013, (Summary Text)

## Metrics

Publication: 37  
Citation (WoS): 13  
Citation (Scopus): 59  
H-Index (WoS): 3  
H-Index (Scopus): 5

## Non Academic Experience

SAĞLIK BAKANLIĞI, HALK SAĞLIĞI HİZMETLERİ BAŞKANLIĞI  
SAĞLIK BAKANLIĞI, TIBBİ HİZMETLER BAŞKANI  
SAĞLIK BAKANLIĞI YILDIZELİ-YAVU SAĞLIK OCAĞI, PRATİSYEN HEKİMLİK, SORUMLU HEKİMLİK