

# Lect. PhD MÜNTEHA ZEYNEP KEMERLİ

## Personal Information

**Office Phone:** [+90 352 207 6666](tel:+903522076666) Extension: 13882

**Email:** mzeynepkemerli@erciyes.edu.tr

**Web:** <https://avesis.erciyes.edu.tr/mzeynepkemerli>

## International Researcher IDs

ORCID: 0000-0002-3950-2978

Yoksis Researcher ID: 245839

## Education Information

Doctorate, Sivas Cumhuriyet University, Tibbi Farmakoloji , Turkey 2016 - 2021

Undergraduate, Erciyes University, Eczacılık Fakültesi, Turkey 2010 - 2015

Postgraduate, Erciyes University, Eczacılık Fakültesi, Turkey 2010 - 2015

## Foreign Languages

English, B2 Upper Intermediate

## Certificates, Courses and Trainings

Health&Medicine, HPLC cihazı kullanıcı eğitimi, Ant Teknik, 2022

Health&Medicine, Deney Hayvanları Kullanım Sertifikası, Erciyes Üniversitesi, 2022

Health&Medicine, Paula personel automated lab assistant, Leica microsystems, 2021

Health&Medicine, Thunder Imager 3D Live Cell & 3D Cell Culture, Leica Microsystems, 2021

Health&Medicine, Synergy HTX cihazı kullanıcı eğitimi , Ant Teknik, 2020

Other, GLP-Good Laboratory Practices, The Swiss Consulting, 2019

Other, GMP-Good Manufacturing Practice, The Swiss Consulting, 2019

Data Analysis, Likit Kromatografi Kütle Spektrometresi LC/MSMS kullanıcı eğitimi (uygulamalı), Prosolution, 2018

Vocational Training, Akreditasyon Ön Bilgilendirme Eğitimi (ECZAKDER), ECZAKDER, 2017

Data Analysis, İlaç endüstrisinde analiz yöntemleri semineri , SEM Laboratuvar Cihazları Pazarlama San. ve Tic A.Ş, 2016

## Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Pharmacology and Clinical Pharmacology

## Academic Titles / Tasks

Lecturer PhD, Erciyes University, Ziya Eren İlaç Uygulama ve Araştırma Merkezi, 2021 - Continues

Lecturer, Erciyes University, Ziya Eren İlaç Uygulama Ve Araştırma Merkezi, 2019 - 2021

Research Assistant, Sivas Cumhuriyet University, Eczacılık Fakültesi, Meslek Bilimleri Bölümü, 2016 - 2019

Research Assistant, Tiflis Devlet Tip Üniversitesi, Faculty of Pharmacy, Pharmacology, 2018 - 2018

## **Academic and Administrative Experience**

Quality Assurance Representative, Erciyes University, Drug Application and Research Center (ERFARMA), 2021 - Continues

## **Courses**

Farmakoloji, Associate Degree, 2020 - 2021

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

- I. **Nanostructures for the Prevention, Diagnosis, and Treatment of SARS-CoV-2: A Review**  
Kiremitler N. B., Kemerli M. Z., Kayaci N., Karagoz S., Pekdemir S., Sarp G., Sanduvaç S., Önses M. S., Yilmaz E.  
ACS APPLIED NANO MATERIALS, vol.5, no.5, pp.6029-6054, 2022 (SCI-Expanded)

## **Articles Published in Other Journals**

- I. **Investigation of Analgesic Effects of Venlafaxine, Atomoxetine and Trazodone Alone and in Combination in Acute Pain Models of the Rats**  
Kemerli M. Z., Yıldırım M. K., Joha Z., Taşkiran A. Ş., Bağcivan I.  
Turkish Journal of Science and Health, vol.3, no.3, pp.254-265, 2022 (Peer-Reviewed Journal)
- II. **The Effect of Exercise and Mesenchimal Stem Cell Application on Plasma Oxidative Stress Levels in Experimental Neuropathy**  
Kuzay D., Kestane S., Kemerli M. Z., Ozocak O., Aktoprak M., Çöksevim B.  
TURKISH JOURNAL OF HEALTH AND SPORT (TJHS), vol.3, no.1, pp.20-25, 2022 (Peer-Reviewed Journal)

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **Synthesis of A New Hybrid Sulfonylurea Derivatives for Evaluation of Antihyperglycemic Activity**  
Kemerli M. Z., Dayan S., Karaboga Arslan A. K., Ünal G., Bozkurt N. M., Kestane S.  
11. Drug Chemistry Conference, Antalya, Turkey, 9 - 12 March 2023, pp.85
- II. **Drug Release Application of The New Fabricated Organic / Inorganic Nanomaterial bearing Cobalt(II) Complex**  
Uyan F., Dayan S., Kemerli M. Z., Bekci H.  
11. Drug Chemistry Conference, Antalya, Turkey, 9 - 12 March 2023, pp.73
- III. **Characterization and Anticancer Activity of Nanoflowers Synthesized by Green Synthesis Method with Pistacia terebinthusL.**  
Somtürk Yilmaz B., Kemerli M. Z., Bekci H., Önal İ., Altıparmak A., Uysal Ş.  
11. Drug Chemistry Conference, Antalya, Turkey, 9 - 12 March 2023, pp.86
- IV. **EFFECTS OF GLIPIZIDE, CINNAMON AND THEIR COMBINED USE IN DIABETES ON MOUTH WOUNDS CAUSED BY LONG-TERM COMPLICATIONS OF DIABETES**  
Kemerli M. Z., Bekci H., Altıparmak A., Önal İ.  
INTERNATIONAL INTERDISCIPLINARY CONGRESS OF WOMEN IN SCIENCE ", Sivas, Turkey, 13 January - 14 February 2023, pp.46-53
- V. **Nano-Hydroxyapatite bearing Carbon Dots and Pr(III) Ion for Drug Release and Cytotoxic Activity**  
Dayan S., Bekci H., Kemerli M. Z., Büyükbeyzirci K., Güney F., Altıparmak A., Aycan M. B.  
10. International Drug Chemistry Conference, Antalya, Turkey, 10 - 12 March 2022, pp.95
- VI. **INVESTIGATION OF THE SIDE EFFECTS OF FAVIPIRAVIR USED DURING COVID-19 TREATMENT AND**

**THE INTERACTIONS OF DRUGS AND FOOD SUPPLEMENTS USED COMBINED IN THE TREATMENT  
(SURVEY STUDY)**

Kemerli M. Z., Demirpolat E., Aycan M. B.

2 ND INTERNATIONAL HEALTH AND MEDICAL SCIENCES CONFERENCE, Muş, Turkey, 18 - 19 September 2021,  
pp.42

**VII. Catalytic and Cytotoxic Applications of In situ Ruthenium(II); Synthesis and Characterization**

Dayan S., Bekci H., Kemerli M. Z., Aycan M. B.

9th Drug Chemistry Conference, Antalya, Turkey, 8 - 11 April 2021, pp.0-1

**VIII. Cytotoxic Activities Investigations of New Ruthenium(II) Complexes bearing Aromatic Sulfonamide**

Bekci H., Dayan S., Kemerli M. Z., Aycan M. B.

9th Drug Chemistry Conference, Antalya, Turkey, 8 - 11 April 2021, pp.0-1

**IX. Drug Interaction on the treatment of lung cancer, breast cancer and some gastrointestinal system  
cancer diseases**

Kemerli M. Z., Aycan M. B.

GPSS 2017, Ankara, Turkey, 11 - 13 October 2017, pp.93

### **Supported Projects**

KEMERLİ M. Z., BOZKURT N. M., DAYAN S., KARABOĞA ARSLAN A. K., ÜNAL G., KESTANE S., Project Supported by Higher Education Institutions, Yeni Sentez sulfonilüre türevlerinin antihiperglisemik etkinliğinin in vitro ve in vivo değerlendirilmesi, 2022 - Continues

YILMAZ E., KEMERLİ M. Z., YAŞAR Z., YAŞAR M., SARP G., SOYLAK M., BOŞGELMEZ İ. İ., Project Supported by Higher Education Institutions, Dünyada Yoğun Kullanılan Bazı İlaç Etkin Maddelerinin Antarktika Horseshoe Adası ve Çevresindeki Su DipKıyı Sedimentleri ve Balık Örneklerinde İzlenmesi için Yeni Nesil Ekstraksiyon Yöntemleri ile Ayırma Zenginleştirme ve Kromatografik Tayin Basamaklarını İçeren Yüksek Duyarlılık Analitik Yöntemlerin Geliştirilmesi, 2021 - Continues

Kemerli M. Z., Somtürk Yılmaz B., Uysal Ş., Bekci H., Önal I., Project Supported by Higher Education Institutions, Pistacia terenbinthus L yaprak ekstresi ile bakır fosfat hibrit nano partiküllerinin yeşil kimya yöntemi ile biyosentezi karakterizasyonu Antimikrobiyal ve Antikanser Aktivitesinin Belirlenmesi, 2022 - 2023

AYCAN M. B., DEMİRPOLAT E., DAYAN S., UYSAL Ş., KEMERLİ M. Z., Project Supported by Higher Education Institutions, Biyolojik materyallerin farmakolojik ve toksikolojik analizi, 2019 - 2023

Dayan S., Bekçi H., Kemerli M. Z., Project Supported by Higher Education Institutions, Antineoplastik ajan Metotreksatin ve Vaccinum myrtillus ekstresinin hedefe özgü tedavi için carbon dot kompleksi olarak sentezlenmesi ve etkililiğinin invitro değerlendirilmesi, 2021 - 2022

Yıldırım M. K., Kemerli M. Z., Bağcivan İ., Project Supported by Higher Education Institutions, Noradrenerjik ve serotonerjik ilaçlardan Venlafaksin, Atomoksetin ve Trazodon'un ratlarda analjezik etkilerinin incelenmesi, 2019 - 2021

### **Memberships / Tasks in Scientific Organizations**

TEB 12. Bölge Kayseri Eczacı Odası, Member, 2021 - Continues, Turkey

### **Tasks In Event Organizations**

Karaboğa Arslan A. K., KEMERLİ M. Z., UZUNHİSARCIKLİ E., 4th International Conference On Natural Products for Cancer Prevention and Therapy, Scientific Congress, Kayseri, Turkey, Aralık 2021

Kemerli M. Z., 3rd International Conference on Natural Products for Cancer Prevention and Therapy, Scientific Congress, Kayseri, Turkey, Aralık 2019

## **Metrics**

Publication: 12

Citation (WoS): 10

Citation (Scopus): 12

H-Index (WoS): 1

H-Index (Scopus): 1

## **Awards**

Kemerli M. Z., Erciyes Üniversitesi Eczacılık Fakültesi 6.Dönem Mezunları Dönem üçüncüsü, Erciyes Üniversitesi Eczacılık Fakültesi, June 2015

Kemerli M. Z., 12. Ulusal Hasta Bilgilendirme Yarışması-Türkiye üçüncüsü, Ankara Eczacı Odası, May 2015