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### Personal Information

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### Education Information

Doctorate, Erzincan Binali Yildirim University, Sağlık Bilimleri Enstitüsü, Pharmaceutical Chemistry, Turkey 2023 - Continues

Undergraduate, Karadeniz Technical University, Eczacılık Fakültesi, Turkey 2017 - 2022

### Research Areas

Pharmaceutical Chemistry

### Books & Book Chapters

- I. **ARTIFICIAL INTELLIGENCE IN DRUG CANDIDATE DISCOVERY & PRODUCTION**  
YILDIZ C., AYKAÇ O.  
in: Research And Evaluations In HEALTH SCIENCES, Şahna Engin, Doğan Hasan Hüseyin, Editor, Gece Kitaplığı Yayınevi, Ankara, pp.55-69, 2023
- II. **Treatment of Crispr in Therapy**  
AYKAÇ O., HEPOKUR C.  
in: Recent Developments on Drug Addiction, CRISPR and Herbal Treatment Options, Bilgili Ali, Editor, BIDGE Publications, Ankara, pp.20-50, 2023
- III. **DRUG DISCOVERY WITH COMPUTER AIDED DRUG DESIGN METHODS**  
AYKAÇ O., TÜRKMEÑOĞLU B.  
in: HEALTH & SCIENCE 2023-II, Yanık Fazlı, Editor, Efe Academy Publication, İstanbul, pp.205-218, 2023

### Refereed Congress / Symposium Publications in Proceedings

- I. **The Amanita Vaginata Mushrooms of Antioxidant Properties and Antiproliferatif Effects on Breast Cancer**  
AYKAÇ O., HEPOKUR C.  
14. Uluslararası Tıp ve Sağlık Bilimleri Araştırmaları, Ankara, Turkey, 24 - 25 December 2023, vol.1
- II. **The Cytotoxic Effects of The Macrolepiota procera Mushrooms**  
HEPOKUR C., AYKAÇ O.  
14. Uluslararası Tıp ve Sağlık Bilimleri Araştırmaları Kongresi, Ankara, Turkey, 23 - 24 December 2023, vol.1
- III. **A series of (p-anisyl)-3(2H) pyridazinone derivatives incorporating 1,2,4-triazole as potent**

**acetylcholinesterase inhibitors.**

AYKAÇ O., BOZBEY MERDE İ., TAŞKOR ÖNEL G., TÜRKMENOĞLU B., GÜRSOY Ş., DİLEK E.

17th International Conference on CHEMISTRY AND MEDICINAL CHEMISTRY, 4 - 06 December 2023

**IV. Salvia officinalis bitkisinin GC/MS yöntemi ile fitokimyasal olarak aydınlatılması ve in silico antioksidan aktivitesinin değerlendirilmesi**

AYKAÇ O., HEPOKUR C.

6th International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 13 October 2023, pp.1379-1390

**V. Investigation Of New Potential Bcl-2 Inhibitors via In Silico Approaches**

ŞİMŞEK Ş., AYKAÇ O., TÜRKMENOĞLU B.

33rd International Symposium on Pharmaceutical and Biomedical Analysis (PBA 2023), Ankara, Turkey, 02 July 2023, vol.1, pp.1