

# ÇAĞLA BEGÜM APAYDIN

## ASST. PROF.

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### International Researcher IDs

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ORCID: 0000-0001-6703-9389

Publons / Web Of Science ResearcherID: AAD-5092-2020

ScopusID: 57209027979

Yoksis Researcher ID: 235117



### Learning Knowledge

Doctorate

2013 - 2018

Istanbul University, Faculty Of Pharmacy , Farmasötik Kimya Anabilim Dalı, Turkey

Undergraduate

2008 - 2013

Istanbul University, Faculty Of Pharmacy , Turkey

### Academic Titles / Tasks

Assistant Professor

2022 - Continues

Istanbul University, Faculty of Pharmacy , Department of Professional Pharmaceutical Sciences

Research Assistant PhD

2015 - 2022

Istanbul University, Faculty of Pharmacy , Department of Professional Pharmaceutical Sciences

### Supported Projects

1. Apaydin Ç. B., Cihan Üstündağ G., TUBITAK Project, SARS-CovV-2'ye Karşı Etki Potansiyeline Sahip Yeni Spirotiyazolidinon Bileşiklerinin Sentezi ve Yapı Tayini, 2021 - 2023
2. APAYDIN Ç. B., CİHAN ÜSTÜNDAĞ G., Project Supported by Higher Education Institutions, Antiviral etki potansiyeline sahip sülfamoil artığı taşıyan yeni spirotyazolidinon bileşiklerinin sentezi ve yapı tayini, 2020 - 2022
3. KARALI N. L., BOZDAĞ M., NAESENS L., CİHAN ÜSTÜNDAĞ G., GÖKTAŞ F., APAYDIN Ç. B., SUPURAN C. T., VULLO D., CARTA F., STEVAERT A., et al., Project Supported by Higher Education Institutions, Sülfamoilfenil artığı taşıyan 1H-indol-2,3-dion 3-tiyosemikarbazon türevleri: Moleküler modelleme, sentez, yapı tayini, antikanser ve antiviral etki tayini, 2018 - 2021
4. Erginer Y., Cevher E., Ertürk E., TUBITAK Project, Prostat kanseri tedavisi için yeni nesil sentetik ajanların geliştirilmesi, 2016 - 2020
5. CESUR Z., APAYDIN Ç. B., CESUR N., Project Supported by Higher Education Institutions, Fenoksiasetamid Yapısı Taşıyan Tiyazolidinonlar Üzerinde Çalışmalar, 2016 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- One-pot synthesis, characterization and antiviral properties of new benzenesulfonamide-based spirothiazolidinones**  
Apaydın Ç. B., Naesens L., Cihan Üstündağ G.  
MOLECULAR DIVERSITY, vol.28, no.4, pp.2681-2688, 2024 (SCI-Expanded)
- Novel 2-indolinone derivatives as promising agents against respiratory syncytial and yellow fever viruses**  
APAYDIN Ç. B., Goektas F., Naesens L., KARALI N. L.  
FUTURE MEDICINAL CHEMISTRY, vol.16, no.4, pp.295-310, 2024 (SCI-Expanded)
- Synthesis and molecular modeling studies of 1-benzyl-2-indolinones as selective AChE inhibitors**  
Apaydın Ç. B., Soylu Eter Ö., Eraslan-Elma P., Özsoy N., Karall N. L.  
Future Medicinal Chemistry, vol.14, no.23, pp.1705-1723, 2022 (SCI-Expanded)
- Small-molecule antiviral agents in ongoing clinical trials for COVID-19.**  
Apaydın Ç. B., Çınar G., Cihan-Üstündağ G.  
Current drug targets, vol.22, pp.1986-2005, 2021 (SCI-Expanded)
- Synthesis, molecular modelling and cholinesterase inhibitory effects of 2-indolinone based hydrazinecarbothioamides**  
Demir Yazıcı K., Apaydın Ç. B., Soylu Eter Ö., Özsoy N., Karalı N. L.  
FUTURE MEDICINAL CHEMISTRY, vol.13, pp.2133-2151, 2021 (SCI-Expanded)
- Design, synthesis and anti-influenza virus activity of furan-substituted spirothiazolidinones**  
Apaydın Ç. B., Tansuyu M., Cesur Z., Naesens L., Göktaş F.  
BIOORGANIC CHEMISTRY, vol.112, 2021 (SCI-Expanded)
- New spirothiazolidinone derivatives: Synthesis and antiviral evaluation**  
Apaydın Ç. B., Loy B. V., Stevaert A., Naesens L.  
Phosphorus, Sulfur and Silicon and the Related Elements, vol.196, no.3, pp.294-299, 2020 (SCI-Expanded)
- Synthesis and anti-coronavirus activity of a series of 1-thia-4-azaspiro[4.5]decan-3-one derivatives**  
Apaydın C. B., Cesur N., STEVAERT A., NAESENS L., Cesur Z.  
ARCHIV DER PHARMAZIE, vol.352, no.6, 2019 (SCI-Expanded)

#### Articles Published in Other Journals

- Synthesis and evaluation of the antibacterial and antifungal activity of new ibuprofen hydrazone derivatives**  
APAYDIN Ç. B., KARA E. M.  
Istanbul Journal of Pharmacy, vol.54, no.2, pp.122-127, 2024 (Peer-Reviewed Journal)
- Design, synthesis and biological evaluation of novel sulfonamide hydrazones as  $\alpha$ -glucosidase and  $\alpha$ -amylase inhibitors**  
Apaydın Ç. B., Hasbal Çelikok G., Yılmaz Özden T., Cihan Üstündağ G.  
Istanbul Journal of Pharmacy, vol.52, no.2, pp.108-113, 2022 (ESCI)
- A new approach for the synthesis of N,N'-bis(phenoxyacetyl)hydrazines**  
Apaydın Ç. B., Cesur Z.  
ISTANBUL JOURNAL OF PHARMACY, vol.49, no.2, pp.61-63, 2019 (Peer-Reviewed Journal)

#### Refereed Congress / Symposium Publications in Proceedings

- Design, Synthesis and Anti-coronavirus Evaluation of New Spirothiazolidinone Compounds**  
Apaydın Ç. B., Çınar G.  
12. International Drug Chemistry Conference, Antalya, Türkiye, 7 - 10 Mart 2024, Antalya, Turkey, 7 - 10 March 2024, pp.129
- Anti-coronavirus activity of new spirothiazolidinone derivatives carrying cyclohexane moiety**

Apaydn Ç. B.

11. International Drug Chemistry Conference, Antalya, Turkey, 9 - 12 March 2023, pp.121

3. **Bir seri spirotyazolidinon bileŒinin sentezi ve olası antiviral aktiviteleri**

Apaydn Ç. B.

3rd International Eurasian Conference on Biological and Chemical Sciences , Ankara, Turkey, 19 March 2020, pp.201

## Courses

Farmasötik Kimya II, Undergraduate, 2020 - 2021

Bilimsel Arařtırma Ve Literatür Tarama, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

## Metrics

Publication: 14

Citation (WoS): 60

Citation (Scopus): 63

H-Index (WoS): 5

H-Index (Scopus): 4

## Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmaceutical Chemistry