

## Res. Asst. PhD FATIMA DOĞANÇ

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: HGU-9352-2022

ScopusID: 57189609233

Yoksis Researcher ID: 205437

### Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (Dr), Turkey 2014 - 2020

Undergraduate, Gazi University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 2008 - 2013

### Dissertations

Doctorate, Bazı Yeni Monokatyonik Guanidino Benzimidazol Türevlerinin Sentezi, Yapılarının Aydınlatılması ve Antiparaziter Etkilerinin İncelenmesi, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (Dr), 2020

### Research Areas

Pharmacology and Therapeutics, Pharmaceutical Chemistry

### Academic Titles / Tasks

Research Assistant PhD, Ankara University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2014 - Continues

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

- I. Regioselective N-alkylation of some 2 or 6-chlorinated purine analogues  
DOĞANÇ F., Aydin A. S., ŞAHİN E., GÖKER A. H.  
Journal of Molecular Structure, vol.1272, 2023 (SCI-Expanded)
- II. Synthesis of some new 2-(substituted-phenyl)imidazo[4,5-c] and [4,5-b]pyridine derivatives and their antimicrobial activities  
Altaib M., DOĞANÇ F., KAŞKATEPE B., GÖKER A. H.  
Molecular Diversity, 2023 (SCI-Expanded)
- III. Synthesis, NMR, X-ray crystallography and DFT studies of some regioisomers possessing imidazole heterocycles  
PÜSKÜLLÜ M. O., DOĞANÇ F., Ozden S., ŞAHİN E., ÇELİK İ., GÖKER A. H.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1243, 2021 (SCI-Expanded)
- IV. Synthesis, in vitro antiprotozoal activity, molecular docking and molecular dynamics studies of some

- new monocationic guanidinobenzimidazoles**  
DOĞANÇ F., ÇELİK İ., EREN G., Kaiser M., Brun R., GÖKER A. H.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.221, 2021 (SCI-Expanded)
- V. **Synthesis and Cytotoxicity of Some Imidazo[4,5-*b*]pyridine Derivatives and Their Regioselective *N*-Alkylation**  
DOĞANÇ F., ALP M., Karabay A. Z., KOÇ A., EREN G., GÖKER A. H.  
CHEMISTRYSELECT, no.7, pp.1519-1525, 2021 (SCI-Expanded)
- VI. **Regioselective N-alkylation of some imidazole-containing heterocycles and their in vitro anticancer evaluation**  
Karaaslan C., DOĞANÇ F., ALP M., KOÇ A., KARABAY A. Z., GÖKER A. H.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1205, 2020 (SCI-Expanded)
- VII. **Biological evaluation and docking studies of some benzoxazole derivatives as inhibitors of acetylcholinesterase and butyrylcholinesterase**  
ARPACI Ö., Arisoy M., Sac D., DOĞANÇ F., Tasçi M., ŞENOL DENİZ F. S., ERDOĞAN ORHAN İ.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.71, no.11-12, pp.409-413, 2016 (SCI-Expanded)
- VIII. **Separation and identification of the mixture of 2-(3,4-dimethoxyphenyl)-1-n-propyl or (4-chlorobenzyl)-5 and (6)-1H-benzimidazolecarbonitriles**  
DOĞANÇ F., ALP M., GÖKER A. H.  
MAGNETIC RESONANCE IN CHEMISTRY, vol.54, no.10, pp.851-857, 2016 (SCI-Expanded)
- IX. **SYNTHESIS AND ANTIMICROBIAL EVALUATION OF SOME NOVEL SULFONYLAMIDO-BENZOXAZOLES**  
ARPACI Ö., Doganc F., Sac D., Sari E., KAYNAK ONURDAĞ F., ÖKTEN S.  
ACTA BIOLOGICA HUNGARICA, vol.67, no.1, pp.75-84, 2016 (SCI-Expanded)

## Articles Published in Other Journals

- I. **SYNTHESIS AND STRUCTURE ELUCIDATION OF NEW METHYL 1H-BENZIMIDAZOLE-5-CARBOXYLATE DERIVATIVES**  
Doganc F.  
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.47, no.2, pp.490-496, 2023 (Scopus)

## Books & Book Chapters

- I. **Pharmaceutical Impurities**  
Doğanç F.  
in: Medicinal Chemistry, Mehmet ALP, Editor, Akademisyen Kitabevi, Ankara, pp.4-11, 2021
- II. **Radio-Opaques**  
Doğanç F.  
in: Medisinal Chemistry, Mehmet ALP, Editor, Akademisyen Kitabevi, Ankara, pp.904-920, 2021
- III. **Farmasötik Kimya Pratikleri 1-2**  
AKI YALÇIN E. E., YALÇIN İ., BÜYÜKBİNGÖL M. E., GÖKER A. H., YILDIZ İ., ALTUNTAŞ DİNLENÇ T., TUNÇBİLEK M., KILCIGİL G., SÜZEN S., ARPACI Ö., et al.  
Ankara Üniversitesi Basımevi, Ankara, 2018
- IV. **Farmasötik Kimya Pratikleri 3-4**  
AKI YALÇIN E. E., YALÇIN İ., BÜYÜKBİNGÖL M. E., GÖKER A. H., YILDIZ İ., ALTUNTAŞ DİNLENÇ T., TUNÇBİLEK M., KILCIGİL G., SÜZEN S., ARPACI Ö., et al.  
Ankara Üniversitesi Basımevi, Ankara, 2018

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

- I. **BAZI YENİ MONOKATYONİK GUANİDİNO BENZİMİDAZOL TÜREVLERİNİN SENTEZİ, YAPILARININ AYDINLATILMASI VE ANTİPARAZİTER ETKİLERİNİN İNCELENMESİ**  
DOĞANÇ F., GÖKER A. H.  
VI. ULUSAL FARMASÖTİK KİMYA KONGRESİ, İstanbul, Turkey, 26 August 2022
- II. **PREPARATION OF SOME IMIDAZO[4,5-b]PYRIDINE DERIVATIVES: USE OF THE 2D NMR 1H-1H NOE & 1H/13C-15N HMBC TECHNIQUES IN ASSIGNING REGIOISOMER**  
DOĞANÇ F., GÖKER A. H.  
2. International Marmara Scientific Research and Innovation Congress, İstanbul, Turkey, 19 April 2022
- III. **Preparation of Some Purine Derivatives: Use of the 2D NMR 1H,15N & 1H,13C HMBC Techniques and X-Ray Crystallography in Assigning Regiochemistry**  
DOĞANÇ F., ŞAHİN E., GÖKER A. H.  
13th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 22 - 25 June 2021
- IV. **Condensed Benzo, Pyrido, Pyrimidino-Imidazole Derivatives as Antidiabetic Agents**  
Doğanç F., Göker A. H.  
WASET 19. world academy of science, engineering and technology conference proceedings, London, England, 21 - 22 September 2017
- V. **Separation and identification of the mixture of 2 3 4 dimethoxyphenyl 1 n propyl or 4 chlorobenzyl 5 and 6 1H benzimidazolecarbonitriles**  
DOĞANÇ F., ALP M., GÖKER A. H.  
27th European Colloquium on Heterocyclic Chemistry, 3 - 06 July 2016
- VI. **Synthesis and Antimicrobial Evaluation of 2 p Substituted Phenyl 5 4 substitutedphenyl sulfonylamido benzoxazoles**  
ARPACI Ö., DOĞANÇ F., saç d., elmas s., KAYNAK ONURDAĞ F., okten s.  
International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 11 - 13 June 2015

## **Supported Projects**

Göker A. H., Mavideniz A., Doğanç F., Özkan T., Sunguroğlu A., Project Supported by Higher Education Institutions, 2024 - 2025

Koç A., Göker A. H., Doğanç F., Aydın A. S., Project Supported by Higher Education Institutions, Bazı Yeni 2- ve/veya 6-Sübstidue-8-Fenilimidazopirimidin (Pürin) ve İmidazopiridin Türevlerinin Sentezi, Yapı ve Regioisomerizm Aydınlatılması, Antikanser Aktivitelerinin İncelenmesi, 2022 - 2024

Göker A. H., Doğanç F., Project Supported by Higher Education Institutions, Bazı Yeni Mono ve/veya Dikatyonik Guanidino Benzimidazol Türevlerinin Sentezi, Yapılarının Aydınlatılması, Antiparaziter ve Antikanser Etkilerinin İncelenmesi, 2017 - 2019

## **Activities in Scientific Journals**

ANKARA UNIVERSITESI ECZACILIK FAKULTESİ DERGİSİ, Assistant Editor/Section Editor, 2023 - Continues

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

Türk Farmasötik ve Medisinal Kimya Derneği, Member, 2015 - Continues, Turkey

## **Scientific Refereeing**

## Metrics

Publication: 20

Citation (WoS): 51

Citation (Scopus): 52

H-Index (WoS): 4

H-Index (Scopus): 4