

## Res. Asst. FURKAN MELETLİ

### Personal Information

**Email:** furkan.meletli@marmara.edu.tr

**Web:** <https://avesis.marmara.edu.tr/14542>

### International Researcher IDs

ScholarID: mF4DXxAAAAAJ

ORCID: 0000-0002-9126-0486

Publons / Web Of Science ResearcherID: HHZ-5061-2022

Yoksis Researcher ID: 338808

### Education Information

Doctorate, Marmara University, Institute For Graduate Studies İn Pure And Applied Sciences, Department Of Chemistry, Turkey 2023 - Continues

Postgraduate, İstanbul University-Cerrahpaşa, Institute Of Graduate Education, Department Of Biochemistry, Turkey 2020 - 2023

Undergraduate, İstanbul University-Cerrahpaşa, Faculty Of Engineering, Department Of Chemistry, Turkey 2014 - 2018

### Research Areas

Chemistry, Biochemistry, Enzyme Kinetics, Protein Chemistry, Natural Sciences

### Academic Titles / Tasks

Research Assistant, Marmara University, Faculty of Arts and Sciences, Chemistry, 2021 - Continues

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

- I. **DNA and hemoglobin binding activities: Investigation of coumarin-thiosemicarbazone hybrids**  
Çelik E., Meletli F., Özdemir M., Köksoy B., Daniş Ö., Yalçın B.  
Bioorganic Chemistry, vol.153, 2024 (SCI-Expanded)
- II. **Design, synthesis and biological evaluation of novel benzocoumarin derivatives as potent inhibitors of MAO-B activity**  
MELETLİ F., Gündüz C., Alparslan M. M., ATTAR A., DEMİR S., İskit E., DANIŞ Ö.  
Bioorganic and Medicinal Chemistry Letters, vol.113, 2024 (SCI-Expanded)
- III. **Investigation of the Interaction of Monoamine Oxidase (MAO) Inhibitor Biscoumarins with Hemoglobin and Albumin Using Multi-Spectroscopic Techniques and Molecular Docking**  
Mutafoğlu B. S., MELETLİ F., DANIŞ Ö.  
Analytical Letters, 2024 (SCI-Expanded)
- IV. **Arylcoumarin and novel biscoumarin derivatives as potent inhibitors of human glutathione S-transferase**  
Ozalp L., Orhan B., Alparslan M. M., Meletli F., Çakmakçı E., Daniş Ö.  
Journal of Biomolecular Structure and Dynamics, 2023 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of Binding Interactions Between Novel Pyrazole Derivatives and Bovine Hemoglobin by Spectroscopic and Molecular Docking Studies**  
Meletli F., Akn N., Yapar S., Ogan A.  
9th International Conference on Materials Science and Nanotechnology for Next Generation, Ankara, Turkey, 22 - 24 September 2022, pp.172
- II. **Investigation of Relation Diverse Coumarin Compounds with Nitric Oxide Synthase Isoenzymes by In Silico**  
Meletli F., Ergüven B., Danış Ö., Erdem S.  
34. Ulusal Kimya Kongresi, Yalova, Turkey, 1 - 06 September 2022, pp.318-319
- III. **Investigation of Binding of Coumarin Derivatives to Bovine Serum Albumin at Physiological pH by Spectral and Molecular Docking**  
Meletli F., Kazancıçok Z., Akn N., Danış Ö., Ogan A.  
34. Ulusal Kimya Kongresi, Yalova, Turkey, 1 - 06 September 2022, pp.311-312

## Supported Projects

Görgülü A. O., Danış Ö., Koran K., Çalışkan E., Meletli F., Dicle C., Kapdan S., Project Supported by Higher Education Institutions, Parkinson Hastalığının Semptomatik Tedavisinde Kullanılabilecek Yeni İlaç Etken Maddelerin Araştırılması, 2024 - 2026

Demir S., Yalçın B., Meletli F., Özdemir M., Project Supported by Higher Education Institutions, Kumarinftalonitril Türevlerinin Pıhtılaşma Faktörü Xa Aktivitesi Üzerine Etkilerinin ve Serum Albümine Bağlanmalarının In Vitro ve In Silico İncelenmesi, 2023 - 2025

## Metrics

Publication: 7

Citation (Scopus): 1

H-Index (Scopus): 1