

## **Asst. Prof. NURDAN YAZICI BEKTAŞ**

### **Personal Information**

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**Address:** KTÜ Eczacılık Fakültesi Eczacılık Meslek Bilimleri Bölümü Farmakognozi Anabilim Dalı Kat:2

### **International Researcher IDs**

ORCID: 0000-0001-7617-1701

Publons / Web Of Science ResearcherID: AAT-1362-2020

Yoksis Researcher ID: 17708

### **Education Information**

Doctorate, İstanbul University, Health Sciences Institute, Eczacılık Fakültesi Bölümü, Turkey 2015 - 2020

Undergraduate, İstanbul University, Faculty Of Pharmacy , Turkey 2008 - 2013

### **Foreign Languages**

English, B2 Upper Intermediate

### **Certificates, Courses and Trainings**

Vocational Training, Eğiticinin Eğitimi, İstanbul Üniversitesi Sürekli Eğitim Uygulama ve Araştırma Merkezi, 2021

Vocational Training, İntihal ve Yayın Etiği Çalıştayı, İstanbul Üniversitesi Sağlık Bilimleri Enstitüsü, 2019

Vocational Training, Springer Nature Author Workshop, Springer Nature, 2018

Occupational Health and Safety, İş Sağlığı ve Güvenliği Eğitimi, Karadeniz Teknik Üniversitesi, 2018

Health&Medicine, International Workshop on Applications of NMR in Pharmaceutics, Phytotherapeutics and Medicine, Bezmialem Vakıf University (BVU) in collaboration with Network of Academies of Sciences in Islamic Countries (NASIC), 2017

Health&Medicine, Biyolojik Aktivite Çalıştayı, Farmakognozi ve Fitoterapi Derneği, 2015

Health&Medicine, Akademik Düzeyde Araştırma Projesi Hazırlama, KTÜ-TÜBİTAK ARDEB Temsilciliği, 2015

### **Dissertations**

Doctorate, Ferula mervynii M. sağıroğlu & H. duman ve ferula orientalis L. türleri üzerinde fitokimyasal araştırmalar, İstanbul University, 2020

### **Research Areas**

Pharmacology and Therapeutics, Professional Sciences, Pharmacognosy, Health Sciences

### **Academic Titles / Tasks**

Assistant Professor, Karadeniz Technical University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2022 - Continues  
Research Assistant PhD, Karadeniz Technical University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2021 - 2022  
Research Assistant, İstanbul University, Faculty Of Pharmacy , Department Of Professional Pharmaceutical Sciences, 2015 - 2021  
Research Assistant, Karadeniz Technical University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2014 - 2015

## Courses

### Postgraduate

Doğal Materyallere Uyg. Ekstrak. Yönt., Postgraduate, 2024 - 2025  
YENİ TİBBİ ÜR. GEL.TÜRKİYE BİT.DEG., Postgraduate, 2024 - 2025

### Undergraduate

Eczacılıkta Bitki Doku Kültürü, Undergraduate, 2021 - 2022  
Staj IV, Undergraduate, 2020 - 2021

## Supervised Theses

Yazıcı Bektaş N., İKİ ALCHEMILLA L. (ROSACEAE) TÜRÜ ÜZERİNDE FİTOKİMYASAL ARAŞTIRMALAR, Postgraduate, M.ORTAHİSAR(Student), 2025

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

- I. Evaluation of the Antihyperglycemic efficacy of the roots of *Ferula orientalis* L.: An *in vitro* to *in vivo* assessment  
Yazıcı N., Engin S., Barut E. N., Kuran F. K., Hasbal-Celikok G., Yilmaz-Ozden T., Miski M.  
FITOTERAPIA, vol.179, 2024 (SCI-Expanded)
- II. Evaluation of *Hedera* species as herbal medicine raw materials  
Gökkaya İ., Yazıcı N., Seyhan G., Cakir O., Yilmaz M. A., Barut B., Renda G.  
Natural Product Research, 2024 (SCI-Expanded)
- III. Insights into the Biological Activity and Cytotoxic Mechanism of *Epimedium pubigerum*  
SEYHAN G., AKKAYA D., KOLCİ K., REIS R., YAZICI BEKTAŞ N., BARUT E. N., BARUT B.  
CHEMISTRY & BIODIVERSITY, vol.20, 2023 (SCI-Expanded)
- IV. Novel Cytotoxic Sesquiterpene Ester Derivatives from the Roots of *Ferula mervynii*  
Yazıcı Bektaş N., Altıparmak Ülbegi G., Aksoy Sağırlı P., Miski M.  
CHEMISTRY AND BIODIVERSITY, vol.20, no.-, pp.202201058, 2023 (SCI-Expanded)
- V. Wound healing acceleration and anti-inflammatory potential of *Prunella vulgaris* L.: From conventional use to preclinical scientific verification  
AKKOL E., RENDA G., İlhan M., Bektas N.  
JOURNAL OF ETHNOPHARMACOLOGY, vol.295, 2022 (SCI-Expanded)
- VI. Cytotoxic and apoptotic effects of *Hypericum androsaemum* on prostate adenocarcinoma (PC-3) and hepatocellular carcinoma (Hep G2) cell lines with identification of secondary metabolites by LC-HRMS  
Yazıcı Bektaş N., Ersoy E., Boğa M., Boran T., Çınar E., Özhan G., Gören A. C., Eroğlu Özkan E.  
Turkish Journal Of Chemistry, vol.1, no.1, pp.0-1, 2021 (SCI-Expanded)

## Articles Published in Other Journals

- I. Awareness of Apitherapy: a study of healthcare professionals in Türkiye

- Gökkaya İ., Renda G., Ayhan F., Yazıcı Bektaş N.  
 Journal of Pharmacopuncture, vol.28, no.1, pp.35-46, 2025 (ESCI)
- II. Attitudes and perceptions of pharmacy students toward pharmacognosy and related competencies of the national core education program in Türkiye**  
 Şahin H., Gökkaya İ., Yazıcı Bektaş N.  
 İstanbul Journal of Pharmacy, vol.52, no.3, pp.350-357, 2023 (Peer-Reviewed Journal)
- III. Evaluation of THC and CBD Factors in Cannabis**  
 BEŞİR A., YAZICI BEKTAŞ N., MORTAŞ M., YAZICI F.  
 Osmaniye Korkut Ata Üniversitesi Fen Bilimleri Enstitüsü Dergisi (Online), vol.5, pp.1092-1104, 2022 (Peer-Reviewed Journal)
- IV. Argan Yağı ve Biyolojik Aktivitelerinin Değerlendirilmesi**  
 YAZICI BEKTAŞ N., GÜRER Ç.  
 Mersin Üniversitesi Tıp Fakültesi Lokman Hekim Tıp Tarihi ve Folklorik Tıp Dergisi, vol.12, pp.238-246, 2022 (Peer-Reviewed Journal)
- V. Determination of the chemical composition, antioxidant potential of Sambucus ebulus L. (dwarf elder) fruit extracts and investigation of antimicrobial activity on Trichophyton rubrum (Castell.) Sabour and some microorganisms**  
 DEMİRCİ KAYIRAN S., EROĞLU ÖZKAN E., MATARACI KARA E., YAZICI BEKTAŞ N., TARI Ö., NENNİ M.  
 İstanbul Journal of Pharmacy, vol.52, 2022 (Peer-Reviewed Journal)
- VI. Total phenolic, total flavonoid contents, and in vitro biological activities of Cephalaria procera**  
 Yazıcı Bektaş N., Barut B., Mataracı Kara E., Yeşil Cantürk Y.  
 İstanbul Journal of Pharmacy, vol.51, pp.1-7, 2021 (ESCI)
- VII. ANTIMICROBIAL ACTIVITY AND THE PHENOLIC PROFILE OF FIVE SCROPHULARIA L. SPECIES BEŞ SCROPHULARIA L. TÜRÜNÜN ANTIMİKROBİYAL AKTİVİTESİ VE FENOLİK PROFİLİ**  
 RENDA G., KORKMAZ B., YILDIRIM S., Reis A., Yazıcı Bektaş N., SEVGİ S., TÜRKİŞ S., UZUNHİSARCIKLı M. E., YAŞAR A., TOSUN İ.  
 Sağlık Bilimleri Dergisi, vol.27, no.1, pp.10-15, 2018 (Peer-Reviewed Journal)
- VIII. Volatile Constituents of Three Stachys L. Species from Turkey**  
 Renda G., Bektas N., Korkmaz B., Celik G., Sevgi S., Yaylı N.  
 MARMARA PHARMACEUTICAL JOURNAL, vol.21, no.2, pp.278-285, 2017 (ESCI)

## Papers Published in Refereed Scientific Meetings

- I. Knowledge, Opinion, and Attitude Towards Apitherapy: A Comparative Study of Healthcare Professionals**  
 Gökkaya İ., Yazıcı Bektaş N., Renda G., Ayhan F.  
 7th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2024), Ankara, Turkey, 2 - 04 October 2024, pp.112
- II. The Radical Scavenging and Cyclooxygenases Inhibitory Effects of Alchemilla Daghestanica Juz Ortahisar M., Akkaya D., Seyhan G., Barut B., Yazıcı Bektaş N.**  
 14th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 25 - 28 June 2024, pp.376
- III. Multiple Biological Approach to Investigate The Effects of Silene Vulgaris (Moench) Grace**  
 Ashkar M., Seyhan G., Yazıcı Bektaş N.  
 14th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 25 - 28 June 2024, pp.147
- IV. Comparative Study of Hedera Species as a Phytopharmaceutical Resource**  
 Gökkaya İ., Yazıcı Bektaş N., Seyhan G., Barut B., Renda G.  
 The 10th International Mediterranean Symposium on Medicinal and Aromatic Plants, İstanbul, Turkey, 25 - 27 April 2024, pp.131
- V. Cytoprotective effect of Trachystemon orientalis D. Don extracts and metabolites against cigarette smoke extract**

- Yazıcı Bektaş N., Kolci K., Reis R., Kırmızıbekmez H., Renda G.  
Phytochemical Society of Europe (PSE) Meeting 2023, Antalya, Turkey, 12 - 15 October 2023, pp.59
- VI. In vitro investigation of biological activities of *Epimedium pubigerum* (DC.) Moren & Decne  
Seyhan G., Akkaya D., Reis R., Kolci K., Yazıcı Bektaş N., Barut E. N., Barut B.  
International Multidisciplinary Symposium on Drug Research and Development - DRD 2023, İzmir, Turkey, 4 - 06 May 2023, pp.271
- VII. LC-MS/MS Analysis and Biological Activities of *Hypericum androsaemum* L. Leaves and Fruits Extracts  
Yazıcı Bektaş N., Eroğlu Özkan E., Boğa M.  
6th World Congress on Medicinal and Aromatic Plants, Gazimagusa, Cyprus (Kktc), 13 - 17 November 2019, pp.31
- VIII. Antidiabetic, Acetylcholinesterase Inhibitor and Cytotoxic Activities of the Root Extracts of *Ferula mervynii*  
Yazıcı Bektaş N., Yılmaz Özden T., Aksoy Sağırlı P., Altıparmak Ülbegi G., Miski M.  
Phytoparm 2019, Sankt-Peterburg, Russia, 1 - 03 July 2019, vol.17, pp.78-79
- IX. Antimicrobial Activities of *Cephalaria procera* FISCH.&AVÉ-LALL. in Turkey  
Mataracı Kara E., Yazıcı Bektaş N., Yeşil Cantürk Y.  
12th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 26 - 29 June 2018, pp.174
- X. POTENTIAL THERAPEUTIC USAGE IN NEURODEGENERATIVE DISEASES OF *CEPHALARIA PROCERA* FISCH. & AVÉ-LALL. IN TURKEY  
Yazıcı Bektaş N., Barut B., Yeşil Y.  
12th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 26 - 29 June 2018, pp.175
- XI. Daucane Esters and Prenylated Aromatic Compounds from the Cyprus Population of *Ferula communis* L. subsp. *communis*  
Yazıcı Bektaş N., Miski M., Çalış İ.  
29 th International Symposium on the Chemistry of Natural Products (ISCNP-29) and the 9 th International Conference on Biodiversity (ICOB-9), İzmir, Turkey, 24 - 27 September 2016, pp.78
- XII. Halk Arasında Kadın Hastalıklarında Kullanılan Bitkiler  
Yazıcı Bektaş N., Renda G.  
XXII. Bitkisel İlaç Hammaddeleri Toplantısı, Trabzon, Turkey, 31 August - 05 September 2016, pp.139
- XIII. In vivo analgesic activity and phytoconstituents of *Scrophularia kotschyana*  
RENDİ G., KORKMAZ B., SAĞLAM M., Yazıcı Bektaş N., DUMAN M., Kırmızıbekmez H.  
63rd International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research (GA), Budapeşte, Hungary, 23 - 27 September 2015, pp.81
- XIV. SPME/GC-MS Analysis Of Three *Stachys* Species From Turkey  
Yaylı N., Renda G., Yazıcı Bektaş N., Çelik G., Korkmaz B., Sevgi S.  
11th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 9 - 12 June 2015, pp.369-370
- XV. Determination of Phenolic Compounds in Five *Scrophularia* L Species by HPLC Dad and Their Antimicrobial Activity  
RENDİ G., SEVGİ S., YAYLI B., YAZICI BEKTAŞ N., YILDIRIM S., REİS A.  
ISOPS 11th International Symposium on Pharmaceutical Science, ANKARA, 9 - 12 June 2015

## Supported Projects

- YAZICI BEKTAŞ N., CAVLAK H. D., KOÇAN A., Project Supported by Higher Education Institutions, *Galium divaricatum* Bitkisinin Antidiyabetik Potansiyelinin Araştırılması, 2024 - Continues
- YAZICI BEKTAŞ N., BARUT B., ORTAHİSAR M., Project Supported by Higher Education Institutions, İki *Alchemilla* L (Rosaceae) Türü Üzerinde Fitokimyasal Araştırmalar, 2023 - Continues
- Renda G., Barut E. N., Barut B., Yazıcı Bektaş N., Reis R., Yeşil Cantürk Y., TUBITAK Project, *Verbascum longipedicellatum* ve *Verbascum kurdicum* Türlerinden Inflamatuvar Solunum Yolu Hastalıkları İçin Potansiyel Aktif Bileşiklerin Izolasyonu Ve Olası In Vitro Aktivitelerinin Değerlendirilmesi, 2023 - 2026

REND A., YAZICI BEKTAŞ N., Project Supported by Higher Education Institutions, Hedera türlerinden elde edilen ekstrelerin COX2 selektif inhibitör etkilerinin araştırılması, 2023 - 2024

BARUT B., YAZICI BEKTAŞ N., SEYHAN G., Project Supported by Higher Education Institutions, *Epimedum pubigerum DC C Moren Decne* Bitkisinin Biyolojik Etkinliklerinin İncelenmesi, 2022 - 2023

YAZICI BEKTAŞ N., MATARACI KARA E., YAZICI Y., Project Supported by Higher Education Institutions, *Hypericum androsaemum* Ekstrelerinin Kimyasal İçerik Profilleri ve Antimikrobiyal Etkinliklerinin İncelenmesi, 2022 - 2023

ENGİN S., BARUT E. N., YAZICI BEKTAŞ N., Project Supported by Higher Education Institutions, *Ferula mervynii* ve *Ferula orientalis* kök ekstrelerinin *in vivo* antidiyabetik etkilerinin araştırılması, 2022 - 2023

## Peer Reviews in Scientific Publications

TURKISH JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, July 2021

## Metrics

Publication: 30

Citation (WoS): 31

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