

## **Res. Asst. NURTEM ABACI KAPLAN**

### **Personal Information**

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### **International Researcher IDs**

**ORCID:** 0000-0002-4144-7074

**Publons / Web Of Science ResearcherID:** CAF-1150-2022

**ScopusID:** 57566446500

### **Education Information**

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Turkey 2019 - Continues

Undergraduate, Gazi University, Eczacılık Fakültesi, Turkey 2014 - 2019

### **Foreign Languages**

English, B2 Upper Intermediate

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

Education Management and Planning, Eğiticilerin Eğitimi Sertifika Programı, Gazi Üniversitesi Eğitim Fakültesi, 2023  
Health&Medicine, DENEY HAYVANLARI KULLANIM SERTİFİKASI, Gazi University , 2021

### **Research Areas**

Pharmacology and Therapeutics, Pharmacognosy

### **Academic Titles / Tasks**

Research Assistant, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2021 - Continues

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

- I. **In vitro and In silico Cholinesterase Inhibitory and Antioxidant Effects of Essential Oils and Extracts of Two New *Salvia fruticosa* Mill. Cultivars (Turgut and Uysal) and GC-MS Analysis of the Essential Oils**

Abacı Kaplan N., Şenol Deniz F. S., Salmas R. E., Uysal Bayar F., Turgut K., Erdoğan Orhan İ.

INTERNATIONAL JOURNAL OF ENVIRONMENTAL HEALTH RESEARCH, vol.34, no.2, pp.674-686, 2024 (SCI-

- Expanded)
- II. **Phytochemical profiling, in vitro biological activity, docking studies, and cytotoxicity assessments of *Rondeletia odorata* Jacquin: An unexplored plant of the coffee family**  
Khursheed A., Ahmad S., Saleem M., Khan K., Khan J., Erdoğan Orhan İ., Abaci N., Imran M., Tauseef S., Uddin R., et al.  
*Frontiers in Chemistry*, vol.10, 2022 (SCI-Expanded)
  - III. **Kombucha – An ancient fermented beverage with desired bioactivities: A narrowed review**  
Abaci N., Deniz F. S., Orhan I. E.  
*Food Chemistry*: X, vol.14, pp.1-10, 2022 (SCI-Expanded)
  - IV. **Chemical Composition, Antioxidant and Anti-Enzymatic Activity of Golden Root (*Rhodiola rosea* L.) Commercial Samples**  
Polumackanycz M., Konieczynski P., Erdoğan Orhan İ., Abaci N., Viapiana A.  
*ANTIOXIDANTS*, vol.11, pp.1-17, 2022 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Enzyme inhibitory and antioxidant activities and HPLC quantification of chlorogenic acid in *Helichrysum stoechas* (L.) Moench and *H. stoechas* subsp. *barrelieri* (Ten) Nyman**  
Abacı Kaplan N., Gök H. N., Aslan M., Erdoğan Orhan İ.  
*Current Perspectives on Medicinal and Aromatic Plants*, vol.6, no.1, pp.38-50, 2023 (Peer-Reviewed Journal)
- II. **In Vitro Assessment of Neurobiological Effects of Commercial Cocoa Powder Samples From Türkiye**  
Abacı Kaplan N., Yurduseven R., Erdoğan Orhan İ.  
*Proceedings of 9th International Mediterranean Symposium on Medicinal and Aromatic Plants (MESMAP-2023)*, no.1, pp.259-264, 2023 (Conference Book)
- III. **Bee Venom and its Biological Effects**  
Abacı N., Erdoğan Orhan İ.  
*Current Perspectives on Medicinal and Aromatic Plants*, vol.5, no.1, pp.86-105, 2022 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Saponins as Potential Inhibitors Targeting SARS-CoV-2**  
Abacı Kaplan N., Erdoğan Orhan İ.  
in: *Traditional Medicines and Natural Products as Preventive and Therapeutic Agents against COVID-19: A Promising Response to the Global Unprecedented Pandemic*, N. Sader, T. Efferth, Editor, Elsevier Science, Oxford/Amsterdam , Amsterdam, pp.1-15, 2024
- II. **Anti-aging Effect of Turkish Medicinal Plants on Skin: Focus on Recent Studies**  
Şenol Deniz F. S., Abacı Kaplan N., Erdoğan Orhan İ.  
in: *Medicinal and Aromatic Plants of Turkey*, Akos Mathe, Kenan Turgut, Editor, Springer Nature, Zug, pp.307-327, 2023
- III. **Anti-Aging Effect of Turkish Medicinal Plants on Skin**  
Şenol Deniz F. S., Abacı Kaplan N., Erdoğan Orhan İ.  
in: *Medicinal and Aromatic Plants of the World*, A. Mathe, K. Turgut, Editor, Springer Nature, Amsterdam, pp.1-20, 2023

## Refereed Congress / Symposium Publications in Proceedings

- I. **In Vitro Determination of Collagenase, Elastase, Acetylcholinesterase and Butyrylcholinesterase Inhibitory Activities, Antioxidant Activities and Chlorogenic Acid Quantitation in *Helichrysum stoechas* (L.) Moench and *Helichrysum stoechas* subsp. *barrelieri* (Ten) Nyman**

- Abacı Kaplan N., Gök H. N., Aslan M., Erdoğan Orhan İ.  
9th International Mediterranean Symposium on Medicinal and Aromatic Plants (MESMAP-9), Ankara, Turkey, 3 - 05 May 2023, pp.1
- II. **In Vitro Assessment of Neurobiological Effects of Commercial Cocoa Powder Samples from Türkiye**  
Abacı Kaplan N., Yurduseven R., Erdoğan Orhan İ.  
9th International Mediterranean Symposium on Medicinal and Aromatic Plants (MESMAP-9), Ankara, Turkey, 3 - 05 May 2023, pp.1
- III. **Investigation of anticholinesterase and antioxidant activities in some Sorbus species grown in Turkey.**  
Abacı N., Dönmez A. A., Erdoğan Orhan İ.  
24. Bitkisel İlaç Hammaddeleri Toplantısı, Ankara, Turkey, 23 - 26 June 2022, pp.327-328
- IV. **In vitro Biological Activity Studies on Some Echium L. Species Growing in Turkey**  
Taban Akça K., Abacı N., Çevik Ö., Özbek M. U., Erdoğan Orhan İ., Üstün O., Süntar İ.  
24. Bitkisel İlaç Hammaddeleri Toplantısı, Ankara, Turkey, 23 - 26 June 2022, pp.219-220
- V. **Evaluation of anti-Tyrosinase and antioxidant activities of Lamium L. taxa growing in Turkey**  
Abacı N., Erdoğan Orhan İ., Celep F.  
The 7th International Mediterranean Symposium on Medicinal and Aromatic Plants (MESMAP), İzmir, Turkey, 18 - 20 November 2021, pp.195-201
- VI. **Evaluation of acetylcholinesterase inhibitory and DPPH radical scavenging activity of Geranium and Erodium taxa from Turkey**  
Abacı N., Şenol Deniz F. S., Kahraman A., Erdoğan Orhan İ.  
3rd International Gazi Pharma Symposium Series, Ankara, Turkey, 8 - 10 September 2021, pp.166

## Supported Projects

Abacı Kaplan N., TUBITAK Project, Investigation of in vitro enzyme inhibition and antioxidant activities of Pharmateks memory and distraction supplements, 2023 - 2023

## Metrics

Publication: 16  
Citation (WoS): 34  
Citation (Scopus): 38  
H-Index (WoS): 2  
H-Index (Scopus): 2

## Non Academic Experience

Public Hospital, Devlet Hastanesi, Eczane