

## Res. Asst. TUGBA BUSE ŞENTÜRK

### Personal Information

**Email:** tugba.avci@acibadem.edu.tr

**Web:** <https://avesis.acibadem.edu.tr/tugba.avci>

### Education Information

Doctorate, University Of Health Sciences, Eczacılık , Eczacılık, Turkey 2018 - 2024

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Vocational Training, Deney Hayvanları Kullanım Sertifikası Eğitim Programı , Acibadem Mehmet Ali Aydınlar Üniversitesi DEHAM, 2021

Vocational Training, VIRT2UE , Acibadem Mehmet Ali Aydınlar Üniversitesi, 2021

### Research Areas

Pharmacognosy, Pharmaceutical Botany, Health Sciences

### Academic and Administrative Experience

Bölüm Kalite Komisyonu Üyesi, Acibadem Mehmet Ali Aydınlar University, Faculty Of Pharmacy, Pharmaceutical Profession Sciences, 2020 - Continues

Internship Committee Member, Acibadem Mehmet Ali Aydınlar University, Faculty Of Pharmacy, Pharmaceutical Profession Sciences, 2019 - Continues

### Courses

Pharmaceutical Botany Laboratory, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Phytotherapy Laboratory, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Pharmacognosy Laboratory II , Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Pharmacognosy Laboratory I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

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

1. *In vitro* Evaluation of Skin Related Enzyme Inhibitory Effect and Emulgel Formulation

## Development Studies of *Onobrychis Argyrea* subsp. *Argyrea* with Phytochemical Analysis

Sentuerk T. B., BARAK T. H., Caglar E. S., Nath E. o., Ozdemir Z. o.

CHEMISTRY & BIODIVERSITY, vol.21, no.5, 2024 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Evaluation of commercial *Syzygium aromaticum* L. (clove) essential oil samples from market in accordance with the European Pharmacopoeia 10.0 criteria**  
BARAK T. H., Gultekin E., ŞENTÜRK T. B., Ozdemir K.  
JOURNAL OF RESEARCH IN PHARMACY, vol.28, no.4, pp.1088-1098, 2024 (ESCI)
- II. **In Vitro Anti-Aging Potential Evaluation of *Maclura pomifera* (Rafin.) Schneider 80% Methanol Extract with Quantitative HPTLC Analysis**  
BARAK T. H., KURT CELEP İ., AVCI T. B., BARDAKCI H., CELEP M. E.  
Turkish Journal of Pharmaceutical Sciences, vol.19, no.4, pp.400-407, 2022 (ESCI)
- III. **Deniz Yumuşakçalarından Elde Edilen Doğal Bileşiklere Dair Güncel Gelişmeler**  
Avcı T., Özdemir Z. Ö.  
Bütünleyici ve Anadolu Tıbbı Dergisi, vol.1, no.1, pp.42-54, 2020 (Peer-Reviewed Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Ylang ylang oil might induce mitophagy in lung cancer cell lines**  
Ertugrul B., Kaşarcı Kavsara G., Şentürk T. B., Barak T. H., Bireller E. S., Çakmakoğlu B.  
10th International Congress of Molecular Medicine, İzmir, Turkey, 23 - 27 September 2024
- II. **Evaluation of Commercial Thyme Essential Oil Samples According to European Pharmacopoeia 10.0 Criteria**  
Kavi N., Bayri İ. Ş., ŞENTÜRK T. B., BARAK T. H.  
The 12th Conference on Medicinal and Aromatic Plants of Southeast European Countries, İzmir, Turkey, 17 October 2024
- III. **Evaluation of Commercial *Pinus pinaster* Ait., *Pinus massoniana* D.Don. (Pine turpentine) Essential Oil Samples According to European Pharmacopoeia 10.0 Criteria**  
ŞENTÜRK T. B., Kavi N., BARAK T. H., CELEP M. E.  
MESMAP-10, İstanbul, Turkey, 25 - 27 April 2024
- IV. **Evaluation of Commercial *Cymbopogon Winterianus* J. (Citronella) Essential Oil Samples in Accordance with The European Pharmacopoeia 10.0 Criteria**  
Şentürk T. B., Öztürk P. S., Barak T. H., Celep M. E.  
4. Uluslararası Ege Sağlık Alanları Sempozyumu, İzmir, Turkey, 07 March 2024
- V. **Evaluation of *Juniperus communis* L. (Juniper) essential oil samples sold on the market in Türkiye in terms of European Pharmacopoeia 10.0 criteria**  
BARAK T. H., Düşmen D., ŞENTÜRK T. B., CELEP M. E.  
ISEO 2023 - 53rd INTERNATIONAL SYMPOSIUM ON ESSENTIAL OILS, Milazzo, Italy, 13 - 16 September 2023
- VI. **Evaluation of *Citrus Limon* L. (Lemon) Essential Oil Samples Sold On the Market in Turkey In Terms Of European Pharmacopoeia 10.0 Criteria**  
Barak T. H., Peker E., Şentürk T. B., Özdemir K.  
3. Uluslararası Ege Sağlık Alanları Sempozyumu 2023 (UESAS'23), İzmir, Turkey, 7 - 08 March 2023, pp.58-60
- VII. **Kozmetik Ürün Atıklarının Çevre Üzerindeki Etkilerinin Değerlendirilmesi Ve Kozmetik Atık Yönetimine Dair Güncel Uygulamalar**  
Şentürk T. B., Özdemir Z. Ö.  
Türkiyede Katı Atık Yönetimi ve Çevre Bilimleri Sempozyumu, İstanbul, Turkey, 24 - 26 November 2022, pp.169-

VIII. **Evaluation of Commercial *Syzygium aromaticum* L. (Clove) Essential Oil Samples in Accordance with the European Pharmacopoeia 10.0 Criteria**

Barak T. H., Gültekin E., Avcı T. B., Özdemir K.

The Eighth International Mediterranean Symposium on Medicinal and Aromatic Plants, İzmir, Turkey, 20 - 22 October 2022, pp.39

### **Supported Projects**

Barak T. H., Bayrı İ. Ş., Şentürk T. B., Project Supported by Higher Education Institutions, 2024 - 2025

Özdemir Z. Ö., Avcı T., Project Supported by Higher Education Institutions, Halk Arasında Yara İyileşmesinde Kullanılan Bazı Bitkiler Üzerine Farmakognozik Araştırmalar, 2021 - 2023

Barak T. H., Avcı T., Project Supported by Higher Education Institutions, In vitro investigation of the anti-aging effects of *Maclura pomifera* plant on the skin., 2020 - 2021

### **Activities in Scientific Journals**

Bütünleyici ve Tıbbi Anadolu Dergisi, Editor, 2020 - Continues

### **Metrics**

Publication: 12

Citation (WoS): 10

Citation (Scopus): 10

H-Index (WoS): 1

H-Index (Scopus): 1

### **Awards**

Avcı T., Bölüm Birinciliği Başarı Belgesi , Uluslararası İlaç Ve Eczacılık Kongresi (İvek 2017), April 2017