

## Res. Asst. Benan KALAYCI

### Personal Information

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**Address:** Atatürk Üniversitesi Eczacılık Fakültesi Farmakognozi Anabilim Dalı Yakutiye/Erzurum

### Education Information

Doctorate, Atatürk Üniversitesi, Sağlık Bilimleri Enstitüsü, Eczacılık / Farmakognozi, Turkey 2015 - Continues  
Undergraduate, Atatürk Üniversitesi, Eczacılık Fakültesi, Turkey 2010 - 2015

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Education Management and Planning, Atatürk Üniversitesi Sağlık Bilimleri Enstitüsü Orpheus Danışmanlık Çalıştay, Atatürk Üniversitesi, 2021

Education Management and Planning, SPSS ile Nicel Veri Analizi Çalıştay, Atatürk Üniversitesi, 2019

Education Management and Planning, DAYTAM Sertifikalı Hücre Kültürü Eğitimi, Atatürk Üniversitesi Sürekli Eğitim Uygulama ve Araştırma Merkezi, 2019

Occupational Health and Safety, İş Sağlığı ve Güvenliği Eğitimi, Atatürk Üniversitesi, 2019

Foreign Language, Almanca Sertifikası, Teol Dil Merkezi, 2016

Education Management and Planning, Nutrigenomik Çalıştay, Atatürk Üniversitesi, 2015

### Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmacognosy

### Academic Titles / Tasks

Research Assistant, Ataturk University, Sağlık Bilimleri Enstitüsü, Eczacılık Farmakognozi Anabilim Dalı Başkanlığı, 2015 - Continues

### Courses

Farmakognozi Laboratuvarı II, Undergraduate, 2020 - 2021

Farmakognozi Laboratuvarı III, Undergraduate, 2020 - 2021

Farmakognozi Laboratuvarı I, Undergraduate, 2020 - 2021

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Evaluation of anticholinesterase effect of some Epilobium species and quantification of hyperoside by HPLC**  
KARAKAYA S., SÜNTAR İ., AYDIN B., Dursunoglu B., GÖZCÜ S., ŞENOL O., BAYRAK B., ÖZBEK H., KOCA M., Ceribasi S., et al.  
NATURAL PRODUCT RESEARCH, 2020 (Journal Indexed in SCI)
- II. **In vivo bioactivity assessment on Epilobium species: A particular focus on Epilobium angustifolium and its components on enzymes connected with the healing process**  
Karakaya S., Suntar I., Yakinci O. F. , Sytar O., Ceribasi S., Dursunoglu B., Özbek H., Güvenalp Z.  
JOURNAL OF ETHNOPHARMACOLOGY, vol.262, 2020 (Journal Indexed in SCI)
- III. **Antioxidant and anticholinesterase potential of Ferulago cassia with farther bio-guided isolation of active coumarin constituents**  
Karakaya S., Koca M., Sytar O., Dursunoğlu B., Özbek H., Duman H., Güvenalp Z., Kılıç C. S.  
South African Journal of Botany, vol.121, pp.536-542, 2019 (Journal Indexed in SCI)
- IV. **Qualitative and quantitative determination of the effective components of the plants in different herbal slimming products in Turkey by HPLC**  
DURSUNOĞLU B., YUCA H., GÖZCÜ S., YILMAZ B., GÜVENALP Z.  
Turkish Journal of Chemistry, vol.43, no.3, pp.825-833, 2019 (Journal Indexed in SCI)
- V. **The  $\alpha$ -amylase and  $\alpha$ -glucosidase inhibitory activities of the dichloromethane extracts and constituents of Ferulago bracteata roots**  
Karakaya S., Gözcü S., Güvenalp Z., Özbek H., Yuca H., Dursunoğlu B., Kazaz C., Kilic C. S.  
Pharmaceutical Biology, vol.56, pp.18-24, 2018 (Journal Indexed in SCI)
- VI. **alpha-Amylase and alpha-glucosidase inhibitory activities of the herbs of Artemisia dracunculus L. and its active constituents**  
Güvenalp Z., Özbek H., Dursunoğlu B., Yuca H., Gözcü S., Çil Y. M. , Kazaz C., Kara K., Demirezer O. L.  
MEDICINAL CHEMISTRY RESEARCH, vol.26, pp.3209-3215, 2017 (Journal Indexed in SCI)
- VII. **In vitro a-amylase and a-glucosidase inhibitory activity of extracts and compounds from cultivated Artemisia dracunculus**  
DURSUNOĞLU B., YUCA H., Gözcü S., ÖZBEK H., GÜVENALP Z., DEMIREZER L. O.  
PLANTA MEDICA, vol.81, pp.179, 2016 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Phenolic Compounds from Cotinus Coggygia Scop.with Alpha Glucosidase Inhibition**  
Özbek H., Yuca H., Gözcü S., Dursunoğlu B., Özenver N., Güvenalp Z., Kazaz C., Önal M., Demirezer L. Ö.  
FABAD Journal of Pharmaceutical Sciences, vol.44, no.2, pp.127-132, 2019 (National Refreed University Journal)
- II. **Simultaneous Determination of Arbutin and Hydroquinone in Different Herbal Slimming Products Using Gas Chromatography-mass Spectrometry**  
DURSUNOĞLU B., YUCA H., GÜVENALP Z., GÖZCÜ S., YILMAZ B.  
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.15, no.3, pp.298-303, 2018 (Journal Indexed in ESCI)

## Books & Book Chapters

- I. **Cetraria islandica**  
DURSUNOĞLU B.  
in: FFD Monografları Bitkiler ve Etkileri, Demirezer L.Ö., Ersöz T., Saraçoğlu İ., Şener B., Köroğlu A., Yalçın F.N. , Editor, Akademisyen Kitabevi, Ankara, pp.251-256, 2017
- II. **Piper nigrum**  
ÖZBEK H., DURSUNOĞLU B.  
in: FFD Monografları Bitkiler ve Etkileri, Demirezer L.Ö., Ersöz T., Saraçoğlu İ., Şener B., Köroğlu A., Yalçın F.N. ,

## Refereed Congress / Symposium Publications in Proceedings

- I. **Standardization of the Ethyl Acetate Extract from *Quercus macranthera* subsp. *sypirensis***  
DURSUNOĞLU B., YUCA H., Gözcü S., GÜVENALP Z.  
ISOPS-12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018
- II. **Anatomy of *Anchusa azurea* Miller (Boraginaceae)**  
DURSUNOĞLU B., KARAKAYA S., GÜVENALP Z.  
ISOPS-12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018, pp.146-147
- III. **In Vitro Alpha-Glucosidase Inhibitory Activity of *Quercus macranthera* subsp. *sypirensis***  
Gözcü S., YUCA H., DURSUNOĞLU B., GÜVENALP Z.  
ISOPS-12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018, pp.193-194
- IV. **Qualitative and Quantitative Determination of Epigallocatechin Gallate, Epigallocatechin, Epicatechin Gallate and Catechin in Different Herbal Slimming Products Containing *Camellia sinensis* by HPLC**  
DURSUNOĞLU B., YUCA H., GÖZCÜ S., YILMAZ B., GÜVENALP Z.  
3 rd International Multidisciplinary Symposium on Drug Research and Development, Turkey, 5 - 07 October 2017, pp.109
- V. **Qualitative and Quantitative Determination of Arbutin and Hydroquinone in Different Herbal Slimming Products Containing *Calluna vulgaris* by HPLC**  
YUCA H., DURSUNOĞLU B., GÖZCÜ S., YILMAZ B., GÜVENALP Z.  
3 rd International Multidisciplinary Symposium on Drug Research and Development, Turkey, 5 - 07 October 2017, pp.149
- VI. **Simultaneous Determination of Arbutin and Hydroquinone in Different Herbal Slimming Products by Gas Chromatography-Mass Spectrometry**  
DURSUNOĞLU B., YUCA H., GÖZCÜ S., YILMAZ B., GÜVENALP Z.  
3 rd International Multidisciplinary Symposium on Drug Research and Development, Turkey, 5 - 07 October 2017, pp.96
- VII. **Qualitative and Quantitative Determination of Ursolic Acid and Chlorogenic Acid in Different Herbal Slimming Products Containing *Ilex paraguariensis* by HPLC**  
YUCA H., DURSUNOĞLU B., GÖZCÜ S., YILMAZ B., GÜVENALP Z.  
3 rd International Multidisciplinary Symposium on Drug Research and Development, Erzurum, Turkey, 5 - 07 October 2017, pp.140
- VIII. **Phenolic compounds from the leaves of *Cotinus coggygria* Scop. with alpha glucosidase inhibition**  
ÖZBEK H., YUCA H., Gözcü S., DURSUNOĞLU B., ÖZENVER N., KAZAZ C., ÖNAL M., DEMİREZER L. Ö. , GÜVENALP Z.  
3 rd International Multidisciplinary Symposium on Drug Research and Development, Erzurum, Turkey, 5 - 07 October 2017, pp.36
- IX.  **$\alpha$ -Amylase and  $\alpha$ -glucosidase inhibitory activities of the extracts and constituents of *Ferulago bracteata* roots.**  
KARAKAYA S., GÖZCÜ S., GÜVENALP Z., ÖZBEK H., YUCA H., DURSUNOĞLU B., KAZAZ C., KILIÇ C. S.  
Uluslararası Tıbbi ve Aromatik Bitkiler Kongresi, 9 - 12 May 2017
- X. **Secondary metabolites from *Cotinus coggygria* Scop.**  
ÖZBEK H., YUCA H., DURSUNOĞLU B., GÖZCÜ S., KAZAZ C., GÜVENALP Z.  
9th Joint Meeting of AFERP, ASP, GA, JSP, PSE and SIF, Copenhagen, Denmark, 24 - 27 July 2016, vol.82
- XI. **In vitro alpha-glucosidase and alpha-amylase inhibitory activities of acorn, acorn shell and cupule extracts of *Quercus robur* L.**  
GÜVENALP Z., YUCA H., GÖZCÜ S., DURSUNOĞLU B., TOSUN F., DEMİREZER L. Ö.  
9th Joint Meeting of AFERP, ASP, GA, JSP, PSE and SIF, Copenhagen, Denmark, 24 - 27 July 2016, vol.82
- XII. **In vitro antidiabetic activity of *Cotinus coggygria* Scop.**  
GÖZCÜ S., YUCA H., DURSUNOĞLU B., GÜVENALP Z., DEMİREZER L. Ö.

9th Joint Meeting of AFERP, ASP, GA, JSP, PSE and SIF, Copenhagen, Denmark, 24 - 27 July 2016, vol.82

**XIII. In vitro alpha-amylase and alpha-glucosidase inhibitory activity of extracts and compounds from cultivated *Artemisia dracunculus***

DURSUNOĞLU B., Yuca H., GÖZCÜ S., Özbek H., Güvenalp Z., DEMİREZER L. Ö.

9th Joint Meeting of AFERP, ASP, GA, JSP, PSE and SIF, Copenhagen, Denmark, 24 - 27 July 2016, vol.82

**XIV. *Achillea millefolium* L. subsp. *millefolium*'un seskiterpenlerinin GC-MS ile belirlenmesi**

SEVİNDİK H. G. , YUCA H., DURSUNOĞLU B., YILMAZ B., GÜVENALP Z.

I.Ulusal Marmara Eczacılık Kongresi, İstanbul, Turkey, 3 - 05 November 2016, pp.184

**XV. In vitro antidiabetic activity of *Cotinus coggygia* Scop Sefa Gözcü Hafize Yuca Benan Dursunoğlu Zühal Güvenalp L Ömür Demirezer**

GÖZCÜ S., YUCA H., DURSUNOĞLU B., GÜVENALP Z., DEMİREZER L. Ö.

9th Joint Natural Products Conference 2016, 24 - 27 July 2016

**XVI. Antioxidant Activities of the Essential Oils Obtained from Bayburt and Dadaşköy Ecotypes of *Artemisia dracunculus* L**

SEVİNDİK H. G. , ÇİL Y. M. , GÖZCÜ S., YUCA H., DURSUNOĞLU B., KARA K., GÜVENALP Z.

International Eurasia Pharmacy Congress, 3 - 07 September 2015

## Supported Projects

GÜVENALP Z., DURSUNOĞLU B., ŞİMŞEK ÖZEK N., AYSİN F., Project Supported by Higher Education Institutions, *Astragalus cylindraceus* DC. Bitkisinin Fitokimyasal Yönden Değerlendirilmesi ile Elde Edilen Ekstre ve Saf Maddelerin Meme Kanseri ve Sağlıklı Meme Epitel Hücre Modelinde Sitotoksik ve Apoptotik Etkilerinin Belirlenmesi, 2019 - Continues

GÜVENALP Z., KADIOĞLU Y., ÖZBEK H., YUCA H., DURSUNOĞLU B., Project Supported by Higher Education Institutions, *Astragalus cylindraceus* DC Bitkisi Üzerinde Fitokimyasal Çalışmalar, 2019 - 2020

KARAKAYA S., GÜVENALP Z., ÖZBEK H., DURSUNOĞLU B., SÜNTAR İ., YAKINCI Ö. F. , ÇERİBAŞI S., Project Supported by Higher Education Institutions, *Epilobium angustifolium* L E *stevanii* Boiss ve *E hirsutum* L Türlerinin Yara İyileştirici Etkileri ve Fitokimyasal Yönden Değerlendirilmesi, 2018 - 2020

GÜVENALP Z., YUCA H., GÖZCÜ S., DURSUNOĞLU B., Project Supported by Higher Education Institutions, "QUERCUS MACRANTHERA SUBSP. SYSPİRENSİS BİTKİSİNİN MEYVELERİNDEN ANTİDİYABETİK ETKİLİ BİTKİSEL DROG PREPARATLARININ GELİŞTİRİLMESİ", 2016 - 2017

GÜVENALP Z., YUCA H., GÖZCÜ S., DURSUNOĞLU B., Project Supported by Higher Education Institutions, "TÜRKİYE'DE PİYASADA SATILAN BİTKİSEL ZAYIFLAMA ÜRÜNLERİNİN İÇERİĞİNDE BULUNAN BİTKİLERİN ETKİLİ BİLEŞENLERİNİN KALİTATİF VE KANTİTATİF TAYİNİ", 2016 - 2017

## Edit Congress and Symposium Activities

Pandeminin Gölgesinde Sağlık ve Eczacılık, Attendee, Ankara, Turkey, 2021

ISOPS-12th International Symposium on Pharmaceutical Sciences, Attendee, Ankara, Turkey, 2018

3rd International Multidisciplinary Symposium on Drug Research and Development, Attendee, Erzurum, Turkey, 2017

International Eurasia Pharmacy Congress, Attendee, Erzincan, Turkey, 2015

## Citations

Total Citations (WOS):53

h-index (WOS):4