

Res. Asst. Benan KALAYCI

Personal Information

Web: <https://avesis.atauni.edu.tr/benan.dursunoglu>

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

International Researcher IDs

ScholarID: xTgT4UMAAAAJ

ORCID: 0000-0003-3248-2377

Yoksis Researcher ID: 242418

Education Information

Doctorate, Ataturk University, Sağlık Bilimleri Enstitüsü, Eczacılık / Farmakognozi, Turkey 2015 - Continues

Undergraduate, Ataturk University, 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 Çalıştayı, Atatürk Üniversitesi, 2021

Education Management and Planning, SPSS ile Nicel Veri Analizi Çalıştayı, 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 Çalıştayı, 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

Published journal articles indexed by SCI, SSCI, and AHCI

- 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, vol.36, no.5, pp.1296-1299, 2022 (SCI-Expanded)
- 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 (SCI-Expanded)
- 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 (SCI-Expanded)
- 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 (SCI-Expanded)
- V. The α -amylase and α -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 (SCI-Expanded)
- 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 (SCI-Expanded)
- VII. In vitro α -amylase and α -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 (SCI-Expanded)

Articles Published in Other Journals

- I. Phenolic Compounds from *Cotinus coggygria* 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 (Scopus)
- 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 (ESCI)

Books & Book Chapters

- I. *Cetraria islandica*

DURSUNOĞLU B.

in: FFD Monografları Bitkiler ve Etkileri, Demirezer L.Ö., Ersöz T., Saracoğlu İ., Şener B., Koroğlu 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., Saracoğlu İ., Şener B., Koroğlu A., Yalçın F.N., Editor, Akademisyen Kitabevi, Ankara, pp.873-883, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **Standardization of the Ethyl Acetate Extract from Quercus macranthera subsp. syspirensis**
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. syspirensis**
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 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
- 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 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
- 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., DEMIREZER L. O., GÜVENALP Z.
3 rd International Multidisciplinary Symposium on Drug Research and Development, Erzurum, Turkey, 5 - 07 October 2017, pp.36
- IX. **α -Amylase and α -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 Tibbi ve Aromatik Bitkiler Kongresi, 9 - 12 May 2017
- X. **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
- XI. **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
- XII. **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
- XIII. **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
- XIV. **In vitro antidiabetic activity of *Cotinus coggygria* 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
- XV. **Antioxidant Activities of the Essential Oils Obtained from Bayburt and Dadaşkoy 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 - 2021

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 stevenii 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 PIYASADA SATILAN BİTKİSEL ZAYIFLAMA ÜRÜNLERİNİN İÇERİĞİNDE BULUNAN BİTKİLERİN ETKİLİ BİLEŞENLERİNİN KALİTATİF VE KANTİTATİF TAYİNİ", 2016 - 2017

Metrics

Publication: 26
Citation (WoS): 152
Citation (Scopus): 160
H-Index (WoS): 5
H-Index (Scopus): 5

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