

Prof. İLHAN GÜRBÜZ

Personal Information

Office Phone: [+90 031 220 2317](tel:+900312202317) Extension: 9

Email: igurbuz@gazi.edu.tr

Other Email: ilgurbuz@gmail.com

Web: <https://avesis.gazi.edu.tr/igurbuz>

International Researcher IDs

ScholarID: sc5LVAAAAAJ

ORCID: 0000-0002-3670-0899

Publons / Web Of Science ResearcherID: AHB-3295-2022

ScopusID: 6602792411

Yoksis Researcher ID: 1966

Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmakognozi (Dr), Turkey 1996 - 2002

Postgraduate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmakognozi (YI) (Tezli), Turkey 1993 - 1996

Undergraduate, Gazi University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 1989 - 1993

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, *Centaurea solstitialis* L. ssp. *solstitialis* Bitkisinin Antiülserojenik Aktivitesi Üzerinde Çalışmalar, Gazi University, Sağlık Bilimleri Enstitüsü, Farmakognozi (Dr), 2002

Postgraduate, *Cistus laurifolius* L. Bitkisinin Antiülserojenik Aktivitesi Üzerinde Çalışmalar, Gazi University, Sağlık Bilimleri Enstitüsü, Farmakognozi (YI) (Tezli), 1996

Research Areas

Pharmacognosy, Pharmaceutical Botany

Academic Titles / Tasks

Professor, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2010 - Continues

Academic and Administrative Experience

Head of Department, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2024 - Continues

Supervised Theses

- GÜRBÜZ İ., *Salvia palaestina* benth. bitkisinin lipoksijenaz enzimi üzerindeki etkisinin araştırılması, Doctorate, M.SİNA(Student), 2019
- GÜRBÜZ İ., European Pharmacopoeia Analysis Of Market-Supplied Some Ginger Samples, Postgraduate, M.Sucu(Student), 2018
- GÜRBÜZ İ., Investigations on the antiulcerogenic activity of *sideritis caesarea* h. duman, aytaç, başer plant, Doctorate, T.GÜNBATAN(Student), 2017
- GÜRBÜZ İ., *Taraxacum officinale* bitkisinin fitoterapi yönünden değerlendirilmesi, Postgraduate, S.SEVİN(Student), 2017
- GÜRBÜZ İ., Folk medicines of Bafra (Samsun), Postgraduate, E.KARCI(Student), 2013
- GÜRBÜZ İ., Flaxseed and phytotherapy, Postgraduate, İ.YENER(Student), 2011
- GÜRBÜZ İ., Folk medicines of Çamlıdere (Ankara), Postgraduate, T.GÜNBATAN(Student), 2011
- GÜRBÜZ İ., Kızılcahamam ilçesi halk ilaçları, Postgraduate, G.ÖZATKAN(Student), 2009
- GÜRBÜZ İ., Research on *Phlomis grandiflora* H.S. Thompson as a Treatment for Stomach Illness in Anatolian Folk Medicine, Postgraduate, E.TATAR(Student), 2009

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Screening Study on Serine Protease Inhibitory Activity of 10 Plant Species**
GÜNBATAN T., DİLMAÇ E., GÖKBULUT A., Sucu M., GÜRBÜZ İ.
Chemistry and Biodiversity, 2024 (SCI-Expanded)
- II. **Chymotrypsin and Trypsin Inhibitory Activity of Some Medicinal Plants Collected from Rize (Türkiye)**
Günbatan T., Sucu M., Gökbulut A., Dilmaç E., Gürbüz İ.
CHEMISTRY AND BIODIVERSITY, pp.1-9, 2024 (SCI-Expanded)
- III. **Essential Oil Composition of Fruits of Eight *Ferulago* Species Growing in Türkiye and Multivariate Statistical Analyses**
Kırcı D., DEMİRCİ B., KILIÇ C. S., GÜRBÜZ İ., DUMAN H.
Chemistry and Biodiversity, vol.20, no.11, 2023 (SCI-Expanded)
- IV. **Essential Oils of *Ferulago glareosa* Kandemir&Hedge Roots and Aerial Parts: PCA and HCA Analyses**
KILIÇ C. S., DEMİRCİ B., Kırcı D., DUMAN H., GÜRBÜZ İ.
Chemistry and Biodiversity, vol.20, no.5, 2023 (SCI-Expanded)
- V. **The five *Ferulago* species inhibited cell proliferation and induced apoptosis of A549, MCF-7, PC3 and SW480 cancer cells in vitro**
GÜRBÜZ İ., GÜNBATAN T., Bakar-Ates F., Hoti B., DUMAN H., KILIÇ C. S.
3 Biotech, vol.13, no.5, 2023 (SCI-Expanded)
- VI. **In vitro Antioxidant, Enzyme Inhibitory and Antimicrobial Evaluation of *Sideritis caesarea* H. Duman, Aytaç & Başer Extracts**
GÜNBATAN T., GÜRBÜZ İ., Karaca N., DEMİRCİ F.
Natural Product Communications, vol.18, no.4, 2023 (SCI-Expanded)
- VII. **In Vitro Enzyme Inhibitory Activity of Ten *Ferulago* W. Koch Species Growing in Turkey**
Akkol E., Günbatan T., Gürbüz İ., Duman H., Kılıç C. S., İlhan M.
BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY, vol.65, pp.1-11, 2022 (SCI-Expanded)
- VIII. **Isolation of rosmarinic acid and methyl rosmarinate as lipoxygenase inhibitors from *Salvia palaestina* Benth. by activity-guided fractionation**
Sina İçen M., Gürbüz İ., Bedir E., Günbatan T., Demirci F.
South African Journal of Botany, vol.141, pp.177-182, 2021 (SCI-Expanded)

- IX. **The cytotoxic and apoptotic effects of Ferulago W. Koch extracts on various cancer cell lines**
Bakar-Ates F., Hoti B., GÜRBÜZ İ., GÜNBATAN T., DUMAN H., KILIÇ C. S.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.46, no.3, pp.281-291, 2021 (SCI-Expanded)
- X. **Antibacterial, antifungal and enzyme inhibitory effects of selected plants from Turkey**
Gürbüz İ., Özçelik B., Günbatan T., Akkol E., Sahinoz M., Akaydın G.
PAKISTAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.34, no.3, pp.1011-1017, 2021 (SCI-Expanded)
- XI. **Activity-guided isolation of alpha-amylase, alpha-glucosidase, and pancreatic lipase inhibitory compounds from Rhus coriaria L**
Gök H. N., Deliorman Orhan D., Gürbüz İ., Aslan M.
JOURNAL OF FOOD SCIENCE, vol.85, pp.3220-3228, 2020 (SCI-Expanded)
- XII. **Investigations on the anti-ulcerogenic activity of Sideritis caesarea H. Duman, Aytac & Baser**
Günbatan T., Gürbüz İ., Bedir E., Ozkan A. M. G., Özçınar Ö.
JOURNAL OF ETHNOPHARMACOLOGY, vol.258, 2020 (SCI-Expanded)
- XIII. **Folk medicine in Duzce Province (Turkey)**
Gürbüz İ., Gençler Özkan A. M., Akaydın G., Salihoğlu E., Günbatan T., Demirci F., Yesilada E.
TURKISH JOURNAL OF BOTANY, vol.43, no.6, pp.769-849, 2019 (SCI-Expanded)
- XIV. **Phenolic acid profile and in vitro neurobiological effects of Phlomis grandiflora var. grandiflora H.S. Thompson**
Şenol Deniz F. S., Günbatan T., Öztürk N., Gürbüz İ., Erdoğan Orhan İ.
Journal Of The Chemical Society Of Pakistan, vol.40, no.1, pp.129-136, 2018 (SCI-Expanded)
- XV. **Phenolic Acid Profile and in vitro Neurobiological Effect of Phlomis grandiflora HS Thompson var. grandiflora**
ŞENOL DENİZ F. S., GÜNBATAN T., ÖZTÜRK N., GÜRBÜZ İ., ERDOĞAN ORHAN İ.
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, vol.40, no.1, pp.129-137, 2018 (SCI-Expanded)
- XVI. **Comparison of Volatiles of Sideritis caesarea Specimens Collected from Different Localities in Turkey**
GÜNBATAN T., DEMİRCİ B., GÜRBÜZ İ., DEMİRCİ F., Ozkan A. M. G.
NATURAL PRODUCT COMMUNICATIONS, vol.12, no.10, pp.1639-1642, 2017 (SCI-Expanded)
- XVII. **Folk medicines of Bafra (Samsun-Turkey)**
Karci E., Gürbüz İ., Akaydın G., Günbatan T.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.42, no.4, pp.381-399, 2017 (SCI-Expanded)
- XVIII. **The current status of ethnopharmacobotanical knowledge in Camlidere (Ankara, Turkey)**
Günbatan T., Gürbüz İ., Ozkan A. M. G.
TURKISH JOURNAL OF BOTANY, vol.40, no.3, pp.241-278, 2016 (SCI-Expanded)
- XIX. **Anti-ulcerogenic activity and isolation of the active principles from Sambucus ebulus L. leaves**
YEŞİLADA E., GÜRBÜZ İ., Toker G.
JOURNAL OF ETHNOPHARMACOLOGY, vol.153, no.2, pp.478-483, 2014 (SCI-Expanded)
- XX. **Characterization of volatiles and anti-ulcerogenic effect of Turkish sweetgum balsam (Styrax liquidus)**
GÜRBÜZ İ., YEŞİLADA E., DEMİRCİ B., Sezik E., DEMİRCİ F., BAŞER K. H. C.
JOURNAL OF ETHNOPHARMACOLOGY, vol.148, no.1, pp.332-336, 2013 (SCI-Expanded)
- XXI. **Comparison of the volatiles of Daphne pontica L. and D. oleoides Schreber subsp oleoides isolated by hydro- and microdistillation methods**
GÜRBÜZ İ., DEMİRCİ B., Franz G., Baser K. H. C., YEŞİLADA E., DEMİRCİ F.
TURKISH JOURNAL OF BIOLOGY, vol.37, no.1, pp.114-121, 2013 (SCI-Expanded)
- XXII. **Essential Oil Composition of Five Collections of Achillea biebersteinii from Central Turkey and their Antifungal and Insecticidal Activity**
Tabanca N., DEMİRCİ B., GÜRBÜZ İ., DEMİRCİ F., Becnel J. J., Wedge D. E., BAŞER K. H. C.
NATURAL PRODUCT COMMUNICATIONS, vol.6, no.5, pp.701-706, 2011 (SCI-Expanded)
- XXIII. **NEW AND KNOWN CONSTITUENTS FROM IRIS UNGUICULARIS AND THEIR ANTIOXIDANT ACTIVITY**
Atta-ur-Rahman A., Hareem S., Choudhary M. I., Sener B., Abbaskhan A., Siddiqui H., Anjum S., ERDOĞAN ORHAN İ.,

- GÜRBÜZ İ., AYANOĞLU F.
HETEROCYCLES, vol.82, no.1, pp.813-824, 2010 (SCI-Expanded)
- XXIV. **Evaluation of the antiulcerogenic activity profile of a flavonol diglucoside from Equisetum palustre L.**
YEŞİLADA E., GÜRBÜZ İ.
JOURNAL OF ETHNOPHARMACOLOGY, vol.131, no.1, pp.17-21, 2010 (SCI-Expanded)
- XXV. **In vivo activity assessment of a "honey-bee pollen mix" formulation**
AKKOL E., DELİORMAN ORHAN D., GÜRBÜZ İ., YEŞİLADA E.
PHARMACEUTICAL BIOLOGY, vol.48, no.3, pp.253-259, 2010 (SCI-Expanded)
- XXVI. **Characterization and Biological Activity of Achillea teretifolia Willd. and A. nobilis L. subsp. neilreichii (Kerner) Formanek Essential Oils**
DEMİRÇİ F., Demirci B., GÜRBÜZ İ., YEŞİLADA E., BAŞER K. H. C.
TURKISH JOURNAL OF BIOLOGY, vol.33, no.2, pp.129-136, 2009 (SCI-Expanded)
- XXVII. **An anti-ulcerogenic flavonol diglucoside from Equisetum palustre L.**
GÜRBÜZ İ., YEŞİLADA E., Ito S.
JOURNAL OF ETHNOPHARMACOLOGY, vol.121, no.3, pp.360-365, 2009 (SCI-Expanded)
- XXVIII. **Antiviral and antimicrobial activities of three sesquiterpene lactones from Centaurea solstitialis L. ssp solstitialis**
Özçelik B., Gürbüz İ., Karaoglu T., Yeşilada E.
MICROBIOLOGICAL RESEARCH, vol.164, no.5, pp.545-552, 2009 (SCI-Expanded)
- XXIX. **In vivo Anti-Ulcerogenic Activity of Equisetum telmateia Ehrh. Extracts Used in Turkish Folk Medicine**
GÜRBÜZ İ., YEŞİLADA E.
TURKISH JOURNAL OF BIOLOGY, vol.32, no.4, pp.259-263, 2008 (SCI-Expanded)
- XXX. **The efficiency of Viscum album ssp. album and Hypericum perforatum on human immune cells in vitro**
FİDAN I., Ozkan S., GÜRBÜZ İ., Yesilyurt E., Erdal B., Yolbakan S., Imir T.
IMMUNOPHARMACOLOGY AND IMMUNOTOXICOLOGY, vol.30, no.3, pp.519-528, 2008 (SCI-Expanded)
- XXXI. **Evaluation of the anti-ulcerogenic effect of sesquiterpene lactones from Centaurea solstitialis L. ssp solstitialis by using various in vivo and biochemical techniques**
Gurbuz İ., Yesilada E.
JOURNAL OF ETHNOPHARMACOLOGY, vol.112, no.2, pp.284-291, 2007 (SCI-Expanded)
- XXXII. **Anti-ulcerogenic activity of some plants used in folk medicine of Pinarbasi (Kayseri, Turkey)**
Gurbuz İ., Ozkan A., Yesilada E., Kutsal O.
JOURNAL OF ETHNOPHARMACOLOGY, vol.101, no.1-3, pp.313-318, 2005 (SCI-Expanded)
- XXXIII. **Isolation of anti-ulcerogenic sesquiterpene lactones from Centaurea solstitialis L. ssp solstitialis through bioassay-guided fractionation procedures in rats**
Yesilada E., Gurbuz İ., Bedir E., Tatli I., Khan W.
JOURNAL OF ETHNOPHARMACOLOGY, vol.95, no.2-3, pp.213-219, 2004 (SCI-Expanded)
- XXXIV. **Evaluation of in vivo biological activity profile of isoorientin**
Kupeli E., Aslan M., Gurbuz İ., Yesilada E.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.59, no.11-12, pp.787-790, 2004 (SCI-Expanded)
- XXXV. **Hypoglycaemic effects of myrtle oil in normal and alloxan-diabetic rabbits**
Sepici A., Gurbuz İ., Cevik C., Yesilada E.
JOURNAL OF ETHNOPHARMACOLOGY, vol.93, no.2-3, pp.311-318, 2004 (SCI-Expanded)
- XXXVI. **Anti-ulcerogenic lignans from Taxus baccata L.**
Gurbuz İ., Erdemoglu N., Yesilada E., Sener B.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.59, no.3-4, pp.233-236, 2004 (SCI-Expanded)
- XXXVII. **Anti-ulcerogenic activity of some plants used as folk remedy in Turkey**

- Gurbuz İ., Ustun O., Yesilada E., Sezik E., Kutsal O.
JOURNAL OF ETHNOPHARMACOLOGY, vol.88, no.1, pp.93-97, 2003 (SCI-Expanded)
- XXXVIII. **In vivo gastroprotective effects of five Turkish folk remedies against ethanol-induced lesions**
Gurbuz İ., Ustun O., Yesilada E., Sezik E., Akyurek N.
JOURNAL OF ETHNOPHARMACOLOGY, vol.83, no.3, pp.241-244, 2002 (SCI-Expanded)
- XXXIX. **Anti-ulcerogenic effect of *Momordica charantia* L. fruits on various ulcer models in rats**
Gurbuz İ., Akyuz C., Yesilada E., Sener B.
JOURNAL OF ETHNOPHARMACOLOGY, vol.71, no.1-2, pp.77-82, 2000 (SCI-Expanded)
- XL. **Screening of Turkish anti-ulcerogenic folk remedies for anti-*Helicobacter pylori* activity**
Yesilada E., Gurbuz İ., Shibata H.
JOURNAL OF ETHNOPHARMACOLOGY, vol.66, no.3, pp.289-293, 1999 (SCI-Expanded)
- XLI. **Effects of *Cistus laurifolius* L flowers on gastric and duodenal lesions**
Yesilada E., Gurbuz İ., Ergun E.
JOURNAL OF ETHNOPHARMACOLOGY, vol.55, no.3, pp.201-211, 1997 (SCI-Expanded)

Articles Published in Other Journals

- I. **Essential Oil Composition of *Tilia rubra* subsp. *caucasica* (Rupr.) V.Engl. Inflorescences Growing in Rize**
Dilmaç E., DEMİRCİ B., ÖZTÜRK G., GÜRBÜZ İ.
Mersin Üniversitesi Tıp Fakültesi Lokman Hekim Tıp Tarihi ve Folklorik Tıp Dergisi, vol.13, no.2, pp.453-458, 2023 (Peer-Reviewed Journal)
- II. **Malva neglecta Wallr. Bitkisinin Kimotripsin, Üreaz İnhibe Edici ve Antioksidan Aktivitesi**
Günbatan T., Salihoğlu E., Akaydın S., Akaydın G., Gürbüz İ.
Mersin Üniversitesi Tıp Fakültesi Lokman Hekim Tıp Tarihi ve Folklorik Tıp Dergisi, vol.13, no.2, pp.459-468, 2023 (Peer-Reviewed Journal)
- III. **Rize'den Toplanan Altı Bitkinin İn Vitro Üreaz İnhibe Edici ve Antioksidan Aktivitesi**
DİLMAÇ E., SUCU M., GÜNBATAN T., GÜRBÜZ İ.
Mersin Üniversitesi Tıp Fakültesi Lokman Hekim Tıp Tarihi ve Folklorik Tıp Dergisi, vol.13, no.1, pp.98-106, 2023 (Peer-Reviewed Journal)
- IV. **Ethnopharmacobotanical Findings of Medicinal Plants in the Kizilcahamam District of Ankara, Turkey**
Gürbüz İ., Ozatkan G., Akaydın G., Günbatan T.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.18, no.6, pp.667-682, 2021 (ESCI)
- V. **Chemical profile of the volatile compounds from *Marrubium cuneatum* Banks & Sol**
İçen M. S., Demirci B., Demirci F., GÜRBÜZ İ.
Natural Volatiles and Essential Oils, vol.8, no.2, pp.1-6, 2021 (Scopus)
- VI. **Chemical and antimicrobial characterization of essential oils obtained from aerial part, root and fruit of *Ferulago longistylis* Boiss., an endemic species**
DEMİRCİ B., Dilmaç E., KIRCI D., DEMİRCİ F., KILIÇ C. S., DUMAN H., GÜRBÜZ İ.
Natural Volatiles and Essential Oils, 2020 (Scopus)
- VII. **In vitro Antimicrobial Evaluation of *Ferulago sandrasica* Peşmen Quézel Herba and Root Essential Oil**
SUCU M., KIRCI D., DEMİRCİ B., DUMAN H., KILIÇ C. S., GÜRBÜZ İ.
Natural Volatiles and Essential Oils, vol.6, no.4, pp.13-20, 2019 (Scopus)
- VIII. **Biochemical and Histological Alterations in Reproductive Tract Tissues of Male Swiss Albino Mice Exposed Commercially Prepared Aloe Vera Gel Product**
Aydoğan Ahabab m., korkmaz a., BARLAS N., GÜRBÜZ İ., ÇOK İ.
Hacettepe Journal of Biology and Chemistry, vol.42, pp.351-360, 2014 (Peer-Reviewed Journal)

Supported Projects

GÜNBATAN T., Dilmaç E., GÜRBÜZ İ., GÖKBULUT A., SUCU M., Project Supported by Higher Education Institutions, Rizeden Toplanan Bazı Bitkilerin Kimotripsin ve Tripsin İnhibe Edici Aktivite Tarama Çalışması, 2022 - 2023
GÜRBÜZ İ., TUBITAK Project, Sideritis caesarea Duman, Aytac Baser Bitkisinin Antiülserojenik Aktivitesi Üzerinde Araştırmalar, 2013 - 2017

Metrics

Publication: 95
Citation (WoS): 1238
Citation (Scopus): 1594
H-Index (WoS): 19
H-Index (Scopus): 21

Non Academic Experience

GAZİ ÜNİVERSİTESİ, ÖĞRETİM ÜYESİ