

Assoc. Prof. Çağlayan GÜNER

Personal Information

Office Phone: [+90 212 440 0000](tel:+902124400000) Extension: 13413

Fax Phone: [+90 212 440 0252](tel:+902124400252)

Email: cunsal@istanbul.edu.tr

Web: <http://aves.istanbul.edu.tr/cunsal/>

Address: İstanbul Üniversitesi Eczacılık Fakültesi Farmakognozi Anabilim Dalı 34116 Beyazıt / İSTANBUL

International Researcher IDs

Publons / Web Of Science ResearcherID: AAD-7863-2020

Yoksis Researcher ID: 165732

Education Information

Doctorate, Istanbul University, Faculty Of Pharmacy , Farmakognozi Anabilim Dalı, Turkey 1998 - 2004

Postgraduate, Istanbul University, Faculty Of Pharmacy , Farmakognozi Anabilim Dalı, Turkey 1996 - 1998

Undergraduate, Istanbul University, Faculty Of Pharmacy , Turkey 1991 - 1995

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Doğu Anadolu'da Yetişen Papaver macrostomum Boiss. & Huet ve Papaver rhoeas L. Türleri Üzerinde Farmakognozik Araştırmalar, Istanbul University, Faculty of Pharmacy , Farmakognozi Anabilim Dalı, 2004

Postgraduate, Glacium grandiflorum Boiss. & Huet var. grandiflorum Alkaloitleri Üzerinde Araştırmalar , Istanbul University, Faculty of Pharmacy , Farmakognozi Anabilim Dalı, 1998

Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmacognosy

Academic Titles / Tasks

Associate Professor, Istanbul University, Faculty of Pharmacy , Department of Professional Pharmaceutical Sciences, 2014 - Continues

Assistant Professor, Istanbul University, Faculty of Pharmacy , Department of Professional Pharmaceutical Sciences, 2010 - 2014

Research Assistant PhD, Istanbul University, Faculty of Pharmacy , Department of Professional Pharmaceutical Sciences, 2004 - 2010

Research Assistant, Istanbul University, Faculty of Pharmacy , Department of Professional Pharmaceutical Sciences, 1996 - 2004

Jury Memberships

Doctorate, Doktora Tez Savunma, Sağlık Bilimleri Enstitüsü, March, 2016

Doctoral Examination, Doktora Yeterlik Jürisi, İstanbul Üniversitesi Sağlık Bilimleri Enstitüsü, May, 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **ANTIOXIDANT AND ANTIMICROBIAL ACTIVITIES OF FIVE ENDEMIC Hypericum SPECIES IN TURKEY**
Gurer C. U. , Ozkan E. E. , Kultur S., Ozsoy N., Celik B. O. , Mat A.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.31, no.5, pp.4651-4658, 2022 (SCI-Expanded)
- II. **Repurposing bioactive aporphine alkaloids as efflux pump inhibitors**
Avci F. G. , Atas B., Aksoy C. S. , Kurpejovic E., Toplan G. G. , Gurer Ç., Guillerminet M., Orelle C., Jault J, SARIYAR AKBULUT B.
Fitoterapia, vol.139, 2019 (SCI-Expanded)
- III. **Transcriptomic analysis displays the effect of (-)-roemerine on the motility and nutrient uptake in Escherichia coli**
Ayyildiz D., ARĞA K. Y. , Avci F. G. , ALTINIŞIK KAYA F. E. , Gurer C., Toplan G. G. , KAZAN D., Wozny K, Bruegger B., MERTOĞLU B., et al.
CURRENT GENETICS, vol.63, no.4, pp.709-722, 2017 (SCI-Expanded)
- IV. **Variation of alkaloid contents and antimicrobial activities of Papaver rhoeas L. growing in Turkey and northern Cyprus**
Coban I., Toplan G. G. , Ozbek B., Gurer C. U. , Sariyar G.
PHARMACEUTICAL BIOLOGY, vol.55, no.1, pp.1894-1898, 2017 (SCI-Expanded)
- V. **IN VITRO ANTICANCER ACTIVITY AND CYTOTOXICITY OF SOME PAPAVER ALKALOIDS ON CANCER AND NORMAL CELL LINES**
Demirgan R., Karagoz A., Pekmez M., Onay-Ucar E., Artun F. T. , Gurer Ç., Mat A.
AFRICAN JOURNAL OF TRADITIONAL COMPLEMENTARY AND ALTERNATIVE MEDICINES, vol.13, no.3, pp.22-26, 2016 (SCI-Expanded)
- VI. **In Vitro Anticancer Activity and Cytotoxicity of Some Papaver Alkaloids on Cancer and Normal Cell Lines**
Demirgan R., KARAGÖZ A., PEKMEZ M., ÖNAY UÇAR E., Artun F. T. , GÜRER Ç., MAT A.
MITTEILUNGEN KLOSTERNEUBURG, no.65, pp.275-284, 2015 (SCI-Expanded)
- VII. **Norditerpenoid Alkaloids from Delphinium flexuosum**
ÜNSAL GÜRER Ç.
Verlagder Zeitschrift für Naturforschung C, vol.67c, pp.541-544, 2012 (SCI-Expanded)
- VIII. **Proteomic response of Escherichia coli to the alkaloid extract of Papaver polychaetum**
Ozbalci C., Unsal Ç., KAZAN D., SARIYAR AKBULUT B.
ANNALS OF MICROBIOLOGY, vol.60, no.4, pp.709-717, 2010 (SCI-Expanded)
- IX. **Antimicrobial activity of four annual Papaver species growing in Turkey**
Unsal Ç., Ozbek B., Sariyar G., Mat A.
PHARMACEUTICAL BIOLOGY, vol.47, no.1, pp.4-6, 2009 (SCI-Expanded)
- X. **Phytoestrogens for AntiAging**
Unsal Ç., Sariyar G.
TURKIYE KLINIKLERI TIP BILIMLERI DERGISI, vol.28, no.6, 2008 (Journal Indexed in SCI)
- XI. **Alkaloids of Papaver clavatum and P-stylatum**
Unsal C., Eroglu E., Serbetci T., Mat A., Sariyar G.
BIOCHEMICAL SYSTEMATICS AND ECOLOGY, vol.36, pp.497-499, 2008 (SCI-Expanded)
- XII. **Antimicrobial activity and phytochemical studies on Turkish samples of Papaver macrostomum**
Unsal Ç., Sariyar G., Akarsu B. G. , Cevikbas A.
PHARMACEUTICAL BIOLOGY, vol.45, no.8, pp.626-630, 2007 (SCI-Expanded)

- XIII. **Distribution of alkaloids in the samples of *Papaver dubium* subsp *lecoqii* var. *lecoqii* from Turkey: A potential source for thebaine**
Unsal Ç., Sariyar G., Mat A., Oktayođlu E., Ozhatay N.
BIOCHEMICAL SYSTEMATICS AND ECOLOGY, vol.34, no.2, pp.170-173, 2006 (SCI-Expanded)
- XIV. **Alkaloids and bioactivity of *Papaver dubium* subsp *dubium* and *P.dubium* subsp *laevigatum***
Mat A., Sariyar G., Unsal Ç., Deliorman A., Atay M., Ozhatay N.
NATURAL PRODUCT LETTERS, vol.14, no.3, pp.205-210, 2000 (SCI-Expanded)

Articles Published in Other Journals

- I. **Importance of *Colchicum* species in modern therapy and its significance in Turkey**
Toplan G. G. , Gurer Ç., Mat A.
ISTANBUL JOURNAL OF PHARMACY, vol.46, no.2, pp.129-144, 2016 (ESCI)
- II. **Importance of *Colchicum* species in modern therapy and its significance in Turkey**
GÜLSOY TOPLAN G., GÜRER Ç., MAT A.
J. Fac. Pharm. Istanbul / İstanbul Ecz. Fak. Derg., vol.46, no.2, pp.129-144, 2016 (Peer-Reviewed Journal)
- III. **Essential Oil Composition of Five Endemic *Hypericum* species from Turkey**
ÜNSAL GÜRER Ç.
Medicinal and Aromatic Plants, vol.2, no.2, pp.121-124, 2013 (Peer-Reviewed Journal)
- IV. **Traditional medicine in Bilecik province (Turkey) and antimicrobial activities of selected species**
ÜNSAL GÜRER Ç., Vural H., Sariyar G., ÖZBEK ÇELİK B., ÖTÜK G.
Turk J. Pharm. Sci, vol.7, no.2, pp.139-150, 2010 (Peer-Reviewed Journal)
- V. **Biodiversity in the Alkaloids of Annual *Papaver* Species of Turkish Origin**
MAT A., Güner Ç., Sariyar G., Özhatay N.
Cta Pharmaceutica Turcica, vol.44, pp.159-168, 2002 (Scopus)

Books & Book Chapters

- I. **EczÇEP-Eczacılık Fakülteleri Müfredat Detay Çalışması**
Akalm E., Akev N., Erginer Y., Güzeldemirci N., Toker S., Kolak U., Özhan G., Güngör S., Güner Ç., Özden S., et al.
Kapitta Yayıncılık, Ankara, 2017
- II. **EczÇEP- Eczacılık Fakülteleri Müfredat Detay Çalışması**
Akalm Uruşak E., Akev N., Erginer Y., Güzeldemirci N., Toker S., Kolak U., Özhan G., Güngör S., Güner Ç., Özden S., et al.
Kapitta Yayıncılık, Ankara, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **Argan Yađı**
YAZICI BEKTAŞ N., GÜRER Ç.
I. Ulusal Genç Eczacılar Kongresi, İstanbul, Turkey, 8 - 10 March 2019, pp.12
- II. **Biological activity of *Papaver syriacum* from Turkey**
GÜLSOY TOPLAN G., GÜRER Ç., ÖZSOY N., KÜLTÜR Ş., Sariyar G., MAT A.
The 29th International Symposium on the Chemistry of Natural Products (ISCNP-29) and The 9th International Conference on Biodiversity (ICOB-9), İzmir, Turkey, 24 - 27 September 2016, pp.139
- III. **Meconidium ve *Oxytona* seksiyonundaki *Papaver* türlerinin alkaloitleri ve kromozom sayıları**
Sariyar G., MAT A., ÖZHATAY F. N. , GÜRER Ç., KÜLTÜR Ş.
XXII.Bitkisel İlaç Hammaddeleri Toplantısı, Trabzon, Turkey, 31 August - 05 September 2016, pp.41

IV. Alkaloids and Antimicrobial Activities of *Papaver clavatum* and *P. stylatum*

Erođlu Özkan E., Gürer Ç., Özbek Çelik B., Şerbetçi T., Sarıyar G., Mat A.

Chemistry, Pharmacology and Biosynthesis of Alkaloids, Antalya, Turkey, 1 - 04 April 2006, pp.24

Supported Projects

MAT A., GÜLSOY TOPLAN G., GÜRER Ç., SARIYAR G., DEMİRCİ S., Project Supported by Higher Education Institutions, Türkiye'de Yetişen *Colchicum cilicicum* ve *Colchicum polyphyllum* Üzerinde Araştırmalar, 2014 - 2017

GÜRER Ç., Project Supported by Higher Education Institutions, PAPAVER MACROSTOMUM ÜZERİNDE FİTOKİMYASAL VE ANTİMİKROBİYAL AKTİVİTE ÇALIŞMALARI, 2009 - 2011

Scientific Refereeing

Records of Natural Products, SCI Journal, May 2016

Marmara Pharmaceutical Journal, National Scientific Refreed Journal, June 2015

Pharmaceutical Biology, SCI Journal, March 2015

Natural Product Research, SCI Journal, March 2014

Metrics

Publication: 25

Citation (WoS): 93

Citation (Scopus): 113

H-Index (WoS): 7

H-Index (Scopus): 7

Congress and Symposium Activities

42nd International Congress for the History of Pharmacy, Attendee, İstanbul, Turkey, 2015

III.Uluslararası Homeopati Konferansı, Attendee, İstanbul, Turkey, 2015