

## Asst. Prof. Füsün GÖKTAŞ

### Personal Information

**Office Phone:** [+90 212 440 0000](tel:+902124400000) Extension: 13460

**Fax Phone:** [+90 212 440 0265](tel:+902124400265)

**Email:** [fusung@istanbul.edu.tr](mailto:fusung@istanbul.edu.tr)

**Web:** <http://aves.istanbul.edu.tr/fusung/>

**Address:** İstanbul Üniversitesi Eczacılık Fakültesi Farmasötik Kimya Anabilim Dalı 34116 Fatih İstanbul

### International Researcher IDs

ORCID: 0000-0003-2412-2232

Publons / Web Of Science ResearcherID: AAD-5093-2020

Yoksis Researcher ID: 185165

### Education Information

Doctorate, Istanbul University, Faculty Of Pharmacy , Farmasötik Kimya Anabilim Dalı, Turkey 2001 - 2008

Postgraduate, Istanbul University, Faculty Of Pharmacy , Farmasötik Kimya Anabilim Dalı, Turkey 1998 - 2001

Undergraduate, Istanbul University, Faculty Of Pharmacy , Farmasötik Kimya Anabilim Dalı, Turkey 1994 - 1998

### Certificates, Courses and Trainings

Health&Medicine, Sağlık ve Tıp Summer School on Molecular Modeling and Drug Design, Yeditepe Üniversitesi, 2008,  
Yeditepe Üniversitesi, 2008

### Dissertations

Doctorate, Bazı İmidazo[1,2-a]piridin Türevlerinin Sentezleri ve Antimikrobiyel Özellikleri Üzerinde Çalışmalar., Istanbul University, Faculty of Pharmacy , Farmasötik Kimya Anabilim Dalı, 2008

Postgraduate, Yeni 6-Metilimidazo[1,2-a]piridin türevlerinin Sentezleri ve Antimikrobiyel Özellikleri Üzerinde Çalışmalar, Istanbul University, Faculty of Pharmacy , Farmasötik Kimya Anabilim Dalı, 2001

### Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmaceutical Chemistry

### Academic Titles / Tasks

Associate Professor, Istanbul University, Faculty of Pharmacy , Department of Professional Pharmaceutical Sciences, 2018 - Continues

Assistant Professor, Istanbul University, Faculty of Pharmacy , Farmasötik Kimya , 2018 - Continues

Assistant Professor, Istanbul University, Faculty of Pharmacy , Farmasötik Kimya , 2012 - 2018

## Courses

Nükleer Manyetik Rezonans Spektroskopisi ve İlaçlara Uygulanması, Postgraduate, 2019 - 2020  
HETEROSİKLİK BİLEŞİKLERE GİRİŞ, Undergraduate, 2019 - 2020  
ENDÜSTRİ ECZACILIĞI KURULU II, Undergraduate, 2019 - 2020  
TEMEL ECZACILIK KURULU II, Undergraduate, 2019 - 2020  
Organic Chemistry, Undergraduate, 2019 - 2020  
Farmasötik Kimya I, Undergraduate, 2019 - 2020  
HETEROSİKLİK KİMYA, Doctorate, 2019 - 2020  
TEMEL ECZACILIK KURULU II, Undergraduate, 2019 - 2020

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

- I. **Design, synthesis and anti-influenza virus activity of furan-substituted spirothiazolidinones**  
Apaydın Ç. B., Tansuyu M., Cesur Z., Naesens L., Göktaş F.  
BIOORGANIC CHEMISTRY, vol.112, 2021 (SCI-Expanded)
- II. **Synthesis, in vitro cytotoxic and apoptotic effects, and molecular docking study of novel adamantane derivatives**  
Turk-Erbul B., Karaman E. F., Duran G. N., Ozbil M., Ozden S., Goktas F.  
ARCHIV DER PHARMAZIE, vol.354, no.5, 2021 (SCI-Expanded)
- III. **Novel N-(1-thia-4-azaspiro[4.5]decan-4-yl)carboxamide derivatives as potent and selective influenza virus fusion inhibitors**  
Goktas F., Ozbil M., Cesur N., Vanderlinden E., Naesens L., Cesur Z.  
ARCHIV DER PHARMAZIE, vol.352, no.11, 2019 (SCI-Expanded)
- IV. **Novel sulfonamide-containing 2-indolinones that selectively inhibit tumor-associated alpha carbonic anhydrases**  
Karali N., AKDEMİR A., Goktas F., Elma P. E., Angeli A., Kizilirmak M., Supuran C. T.  
BIOORGANIC & MEDICINAL CHEMISTRY, vol.25, no.14, pp.3714-3718, 2017 (SCI-Expanded)
- V. **SYNTHESIS AND STRUCTURE-ACTIVITY RELATIONSHIP OF N-(3-OXO-1-THIA-4-AZASPIRO[4.5]DECAN-4-YL)CARBOXAMIDE INHIBITORS OF INFLUENZA VIRUS HEMAGGLUTININ MEDIATED FUSION**  
Goktas F., VANDERLINDEN E., NAESENS L., Cesur Z., Cesur N., Tas P.  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.190, no.7, pp.1075-1087, 2015 (SCI-Expanded)
- VI. **Synthesis of novel imidazo[1,2-a] pyridines and evaluation of their antifungal activities**  
Goktas F., Cesur N., Satana D., Uzun M.  
TURKISH JOURNAL OF CHEMISTRY, vol.38, no.4, pp.581-591, 2014 (SCI-Expanded)
- VII. **Microwave assisted synthesis and anti-influenza virus activity of 1-adamantyl substituted N-(1-thia-4-azaspiro[4.5]decan-4-yl)carboxamide derivatives**  
Goktas F., Vanderlinden E., Naesens L., Cesur N., Cesur Z.  
BIOORGANIC & MEDICINAL CHEMISTRY, vol.20, no.24, pp.7155-7159, 2012 (SCI-Expanded)
- VIII. **Novel Inhibitors of Influenza Virus Fusion: Structure-Activity Relationship and Interaction with the Viral Hemagglutinin**  
Vanderlinden E., Goktas F., Cesur Z., Froeyen M., Reed M. L., Russell C. J., Cesur N., Naesens L.  
JOURNAL OF VIROLOGY, vol.84, no.9, pp.4277-4288, 2010 (SCI-Expanded)
- IX. **6-methyl-N-(3-oxo-1-thia-4-azaspiro[4.4]non-4-yl)-imidazo[2,1-b][1,3]thiazole-5-carboxamide monohydrate**  
Yildirim S., Akkurt M., Ur F., Cesur Z., Cesur N., Heinemann F. W.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.61, 2005 (SCI-Expanded)
- X. **N-(2,2-dimethyl-4-oxo-1,3-thiazolidin-3-yl)-6-methylimidazo[2,1-b][1,3]thiazole-5-carboxamide monohydrate**  
Yildirim S., Akkurt M., Ur F., Cesur Z., Cesur N., Büyükgüngör O.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.61, 2005 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Molecular modelling and antiviral activity of 1H-indole-2,3-dione derivatives carrying naphthalene moiety**  
SOYLU Ö., Duran G. N., Özbil M., GÖKTAŞ F., CİHAN ÜSTÜNDAĞ G., Naesens L., KARALI N. L.  
7th International BAU Drug Design Congress, İstanbul, Turkey, 19 - 21 December 2019, pp.100-103
- II. **Synthesis, biological evaluation and docking studies of structurally novel 1H-indole-2,3-dion 3-(N-phenylthiosemicarbazones) as potential hCA IX and XII inhibitors**  
ERASLAN ELMA P., Akdemir A., GÖKTAŞ F., KARALI N. L., Angeli A., Kızılrırmak M., Supuran C. T.  
3.İlaç ve Eczacılık Kongresi, İstanbul, Turkey, 26 - 29 April 2017, pp.869
- III. **Identification and Mechanistic Studies on a Novel Class of Influenza Virus Fusion Inhibitors**  
VANDERLINDEN E., Cesur N., Cesur Z., Goktas F., FROEYEN M., RUSSELL C., NAESENS L.  
22nd International Conference on Antiviral Research, Florida, United States Of America, 3 - 07 May 2009, vol.82

## Other Publications

- I. Karalı N. L., Eraslan Elma P., Göktaş F.  
Other, pp.1-2, 2019

## Metrics

Publication: 14

Citation (WoS): 205

Citation (Scopus): 207

H-Index (WoS): 6

H-Index (Scopus): 5

## Congress and Symposium Activities

2.Ulusal Farmasötik Kimya Kongresi, Attendee, Mersin, Turkey, 2009

The International Society For Antiviral Research, Attendee, Florida, United States Of America, 2009

The Twenty-Second International Conference on Antiviral Research, Attendee, Florida, United States Of America, 2009

ICAV Sixth International Symposium, Attendee, Kanada, United States Of America, 2008

5th International Symposium on Pharmaceutical Chemistry, Attendee, İstanbul, Turkey, 2007

1st International Meeting on Medicinal and Pharmaceutical Chemistry IMMPC-1, Attendee, Ankara, Turkey, 2002

## Awards

GÖKTAŞ F., 2003-2004 Yılları Novartis Farmasötik ve Medisinal Kimya İlaç Tasarım ve Geliştirme Ödülleri, Novartis, February 2005