

# Prof.Dr. Halise İnci GÜL

## Kişisel Bilgiler

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## Eğitim Bilgileri

Doktora, Ege Üniversitesi, Eczacılık Fakültesi, Farmasötik Kimya, Türkiye 1991 - 1996

Yüksek Lisans, Ege Üniversitesi, Eczacılık Fakültesi, Farmasötik Kimya, Türkiye 1989 - 1991

Lisans, Ege Üniversitesi, Eczacılık Fakültesi, Türkiye 1984 - 1988

## Yabancı Diller

İngilizce, C1 İleri

## Yaptığı Tezler

Doktora, Antineoplastik bileşikler olarak tasarlanan Mannich bazları ve izosterik piperidinol türevleri üzerinde araştırmalar, Ege Üniversitesi, Eczacılık Fakültesi, Farmasötik Kimya, 1996

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## Araştırma Alanları

Sağlık Bilimleri, Eczacılık, Meslek Bilimleri, Farmasötik Kimya

## Mesleki Deneyim

Anabilim/Bilim Dalı Başkanı, Atatürk Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2000 - Devam Ediyor

Bölüm Başkanı, Atatürk Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2004 - 2018

Dekan Yardımcısı, Atatürk Üniversitesi, 2008 - 2013

## Verdiği Dersler

Farmasötik Kimya Lab III, Lisans, 2018 - 2019

Farmasötik Kimya IV, Lisans, 2018 - 2019

Farmasötik Kimya Lab I, Lisans, 2018 - 2019

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## Yönetilen Tezler

GÜL H. İ. , Pirazol-Benzensülfonamid Türevi Bileşiklerin Tasarımı, Sentezi, Kimyasal Yapılarının Aydınlatılması Ve Biyoaktiviteleri, Doktora, C.YAMALI(Öğrenci), 2018

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GÜL H. İ. , Potansiyel Biyoaktif Bileşikler Olan 2-(4-Hidroksifenil)Benzimidazol Mannich Bazları Üzerinde Çalışmalar, Yüksek Lisans, Z.YAZICI(Öğrenci), 2013

GÜL H. İ. , 1-Aril-3-Dibenzilamino-Propan-1-On Hidroklorür Tipi Mannich Bazları Üzerinde Çalışmalar, Yüksek Lisans, A.TÜRÜT(Öğrenci), 2013

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GÜL H. İ. , 1-Aril-2-(N-Metilpiperazinometil)-2-Propen-1-On Kimyasal Yapısına Sahip Bileşiklerin Klasik Mannich Reaksiyonu İle Sentezi Ve Biyolojik Aktivitesinin Araştırılması, Yüksek Lisans, M.TUĞRAK(Öğrenci), 2011

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## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- **Synthesis, structure elucidation, and in vitro pharmacological evaluation of novel polyfluoro substituted pyrazoline type sulfonamides as multi-target agents for inhibition of acetylcholinesterase and carbonic anhydrase I and II enzymes**  
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- **Synthesis, cytotoxicities, and carbonic anhydrase inhibition potential of 6-(3-aryl-2-propenoyl)-2-mercapto-1,3,4-oxadiazolones.**  
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- **Synthesis, biological evaluation and in silico modelling studies of 1,3,5-trisubstituted pyrazoles carrying benzenesulfonamide as potential anticancer agents and selective cancer-associated hCA IX isoenzyme inhibitors**  
YAMALI C., GÜL H. İ. , Ece A., BUA S., ANGELİ A., SAKAGAMI H., ŞAHİN E., Supuran C. T.  
BIOORGANIC CHEMISTRY, cilt.92, 2019 (SCI İndekslerine Giren Dergi)
- **Fluorescence quenching of novel pyrazoline derivative with aniline in different solvents**  
BOZKURT E., GÜL H. İ.  
Journal of Photochemistry and Photobiology A: Chemistry, cilt.383, 2019 (SCI Expanded İndekslerine Giren Dergi)
- **Synthesis and biological evaluation of some new mono Mannich bases with piperazines as possible anticancer agents and carbonic anhydrase inhibitors**  
TUĞRAK M., GÜL H. İ. , BANDOW K., Sakagami H., GÜLÇİN İ., Ozkay Y., Supuran C. T.  
BIOORGANIC CHEMISTRY, cilt.90, 2019 (SCI İndekslerine Giren Dergi)
- **New phenolic Mannich bases with piperazines and their bioactivities**  
GÜL H. İ. , TUĞRAK M., GÜL M., MAZLUMOĞLU S., Sakagami H., GÜLÇİN İ., Supuran C. T.  
BIOORGANIC CHEMISTRY, cilt.90, 2019 (SCI İndekslerine Giren Dergi)
- **Investigation of inhibitory properties of some hydrazone compounds on hCA I, hCA II and AChE enzymes**  
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BIOORGANIC CHEMISTRY, cilt.86, ss.316-321, 2019 (SCI İndekslerine Giren Dergi)
- **Synthesis and bioactivities of pyrazoline benzenesulfonamides as carbonic anhydrase and acetylcholinesterase inhibitors with low cytotoxicity**  
Ozgun D. O. , GÜL H. İ. , YAMALI C., Sakagami H., GÜLÇİN İ., Sukuroglu M., Supuran C. T.  
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- **Anticancer effects of new dibenzenesulfonamides by inducing apoptosis and autophagy pathways and their carbonic anhydrase inhibitory effects on hCA I, hCA II, hCA IX, hCA XII isoenzymes.**  
GUL H. İ. , YAMALI C., BULBULLER M., KIRMIZIBAYRAK P., Gul M., ANGELI A., BUA S., SUPURAN C.  
Bioorganic chemistry, cilt.78, ss.290-297, 2018 (SCI İndekslerine Giren Dergi)
- **Curcumin analogue 1,5-bis(4-hydroxy-3-((4-methylpiperazin-1-yl)methyl)phenyl)penta-1,4-dien-3-one mediates growth arrest and apoptosis by targeting the PI3K/AKT/mTOR and PKC-theta signaling pathways in human breast carcinoma cells.**  
Badr G., GUL H. İ. , YAMALI C., MOHAMED A., BADR B., Gul M., Abo M., Abo E.  
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- **Synthesis, molecular modeling, and biological evaluation of 4-[5-aryl-3-(thiophen-2-yl)-4,5-dihydro-1H-pyrazol-1-yl] benzenesulfonamides toward acetylcholinesterase, carbonic anhydrase I and II enzymes**  
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Journal Of Photochemistry And Photobiology A-Chemistry, cilt.352, ss.35-42, 2018 (SCI Expanded İndekslerine Giren Dergi)
- **Cytotoxicity, apoptosis, and QSAR studies of phenothiazine derived methoxylated chalcones as anticancer drug candidates**  
GÜL H. İ. , YAMALI C., GÜNEÇAÇAR G., Sakagami H., OKUDAIRA N., UESAWA Y., KAGAYA H.  
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BOZKURT E., GÜL H. İ.

Sensors And Actuators B-Chemical, cilt.255, ss.814-825, 2018 (SCI İndekslerine Giren Dergi)

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KÜÇÜKOĞLU K., GÜL H. İ. , GÜL M., Çetin Atalay R., Geny B.  
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- **New anticancer drug candidates sulfonamides as selective hCA IX or hCA XII inhibitors**  
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- **Synthesis and cytotoxicities of new azafluorenones with apoptotic mechanism of action and cell cycle analysis**  
TUĞRAK M., GÜL H. İ. , GÜL M., SAKAGAMI H., UMEMURA N., ANIL B.  
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- **Microwave-assisted synthesis and bioevaluation of new sulfonamides.**  
GUL H. İ. , YAMALI C., YESILYURT F., SAKAGAMI H., KUCUKOGLU K., GÜLÇİN İ., Gul M., SUPURAN C.  
Journal of enzyme inhibition and medicinal chemistry, cilt.32, ss.369-374, 2017 (SCI İndekslerine Giren Dergi)
- **Synthesis, molecular modeling, and biological evaluation of 4-[5-aryl-3-(thiophen-2-yl)]-2,5-dihydro-1H-pyrazol-1-yl]benzenesulfonamides toward acetylcholinesterase, carbonic anhydrase I and II enzymes**  
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- **Synthesis and anticancer properties of mono Mannich bases containing vanillin moiety**  
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- **Synthesis, carbonic anhydrase I and II inhibition studies of the 1,3,5-trisubstituted-pyrazolines**

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- **Synthesis of Mannich Bases by Two Different Methods and Evaluation of their Acetylcholine Esterase and Carbonic Anhydrase Inhibitory Activities**

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- **Energy absorption buildup factors of some potential bioactive compounds in the energy region 0.015-15 MeV**

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SPECTROSCOPY LETTERS, cilt.50, ss.301-306, 2017 (SCI İndekslerine Giren Dergi)

- **Designing, synthesis and bioactivities of 4-[3-(4-hydroxyphenyl)-5-aryl-4,5-dihydro-pyrazol-1-yl] benzenesulfonamides**

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- **Synthesis and Cytotoxic Activities of Difluoro-Dimethoxy Chalcones.**

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- **Synthesis and carbonic anhydrase inhibitory activities of new thienyl-substituted pyrazoline benzenesulfonamides**

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- **Synthesis and Cytotoxic Activity of 4 Substituted benzylidene 3 Phenyl 1 2 4 Oxadiazol 5 yl methylamines**

KUCUKOGLU K., TUĞRAK M., DEMIRTAS A., SAKAGAMI H., GÜL H. İ.

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- **Carbonic anhydrase inhibition and cytotoxicity studies of Mannich base derivatives of thymo**

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KUCUKOGLU K., GÜL H. İ. , GUL M., Çetin Atalay R., Boratlı Y., Geny B.

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