

## Kişisel Bilgiler

## Eğitim Bilgileri

Doktora, Atatürk Üniversitesi, Sağlık Bilimleri Enstitüsü/Eczacılık Fakültesi, Farmasötik Kimya, Türkiye 2011 - 2016  
Yüksek Lisans, Atatürk Üniversitesi, Sağlık Bilimleri Enstitüsü/Eczacılık Fakültesi, Farmasötik Kimya, Türkiye 2008 - 2011  
Yüksek Lisans-Tezsiz, Atatürk Üniversitesi, Fen Matematik Alanları Eğitimi, Kimya Öğretmenliği, Türkiye 2004 - 2006  
Lisans, Atatürk Üniversitesi, Fen Fakültesi, Kimya, Türkiye 2000 - 2004

## Yabancı Diller

İngilizce, B2 Orta Üstü

## Sertifika, Kurs ve Eğitimler

Sağlık ve Tıp, IV. ULUSAL FARMASÖTİK KİMYA KONGRESİ, YAKIN DOĞU ÜNİVERSİTESİ KIBRIS, 2016  
Sağlık ve Tıp, 5 th APPLIED CELL CULTURE AND MOLECULAR BIOLOGY RESEARCH COURSE, ATATÜRK ÜNİVERSİTESİ, 2015  
Sağlık ve Tıp, AKADEMİK DÜZEYDE TÜBİTAK PROJE HAZIRLAMA EĞİTİMİ, ATATÜRK ÜNİVERSİTESİ, 2015  
Eğitim Yönetimi ve Planlama, SPEKTROSKOPİ LİSANSÜSTÜ YAZ OKULU, ERZİNCAN ÜNİVERSİTESİ, 2014  
Eğitim Yönetimi ve Planlama, PROJEMİ YAZIYORUM TÜBİTAK 2237 PROJE ETKİNLİĞİ, ATATÜRK ÜNİVERSİTESİ, 2014  
Sağlık ve Tıp, RESEARCH METHODOLOGY COURSE, ATATÜRK ÜNİVERSİTESİ, 2014  
Eğitim Yönetimi ve Planlama, PATENT FAYDALI MODEL EĞİTİM SEMİNERİ, ATATÜRK ÜNİVERSİTESİ, 2014  
Sağlık ve Tıp, SUMMER SCHOOL, ATATÜRK ÜNİVERSİTESİ, 2011  
Sağlık ve Tıp, WINTER SCHOOL, ATATÜRK ÜNİVERSİTESİ, 2010

## Yaptığı Tezler

Doktora, İndanon ve indandionlardan türevlenen potansiyel biyoaktif bileşiklerin sentezi ve biyoaktiviteleri, Atatürk Üniversitesi, Sağlık Bilimleri Enstitüsü/Eczacılık Fakültesi, Farmasötik Kimya, 2016  
Yüksek Lisans, 1-aril-2-(n-metilpiperazinometil)-2-propen-1-on kimyasal yapısına sahip bileşiklerin klasik mannich reaksiyonu ile sentezi ve biyolojik aktivitesinin araştırılması, Atatürk Üniversitesi, Sağlık Bilimleri Enstitüsü/Eczacılık Fakültesi, Farmasötik Kimya, 2011

## Araştırma Alanları

Sağlık Bilimleri, Eczacılık, Meslek Bilimleri, Farmasötik Kimya

## Akademik Unvanlar / Görevler

Araştırma Görevlisi Dr., Atatürk Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2009 - Devam Ediyor

## Verdiği Dersler

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

- **Synthesis, cytotoxic, and carbonic anhydrase inhibitory effects of new 2-(3-(4-methoxyphenyl)-5-(aryl)-4,5-dihydro-1H-pyrazol-1-yl)benzo[d]thiazole derivatives**  
TUĞRAK M., GÜL H. İ. , Sakagami H., GÜLÇİN İ.  
Journal of Heterocyclic Chemistry, 2020 (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)
- **New azafluorenones with cytotoxic and carbonic anhydrase inhibitory properties: 2-Aryl-4-(4-hydroxyphenyl)-5H-indeno[1,2-b]pyridin-5-ones.**  
Tugrak M., Inci G., SAKAGAMI H., GULCIN I., SUPURAN C.  
Bioorganic chemistry, cilt.81, ss.433-439, 2018 (SCI İndekslerine Giren Dergi)
- **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.  
Anti-Cancer Agents In Medicinal Chemistry, cilt.18, 2018 (SCI Expanded İndekslerine Giren Dergi)
- **Synthesis and anticancer properties of mono Mannich bases containing vanillin moiety**  
TUĞRAK M., GÜL H. İ. , SAKAGAMI H., METE E.  
MEDICINAL CHEMISTRY RESEARCH, cilt.26, ss.1528-1534, 2017 (SCI İndekslerine Giren Dergi)
- **Investigation of solvent effect on photophysical properties of some sulfonamides derivatives**  
BOZKURT E., GÜL H. İ. , TUĞRAK M.  
TURKISH JOURNAL OF CHEMISTRY, cilt.41, ss.282-293, 2017 (SCI Expanded İndekslerine Giren Dergi)
- **Investigation of solvent effect on photophysical properties of some sulfonamides derivatives**  
BOZKURT E., GÜL H. İ. , TUĞRAK M.  
TURKISH JOURNAL OF CHEMISTRY, cilt.41, ss.282-293, 2017 (SCI Expanded İndekslerine Giren Dergi)
- **Crystal structure of (E)-2-((4-hydroxy-5-methoxy-3-((4-methyl-1-piperazinyl) methyl) phenyl) methylidene)-1-indanone, C<sub>23</sub>H<sub>26</sub>N<sub>2</sub>O<sub>3</sub>**  
TUĞRAK M., Aydın A., GÜL H. İ. , ŞAHİN E., AKKURT M.  
ZEITSCHRIFT FÜR KRISTALLOGRAPHIE-NEW CRYSTAL STRUCTURES, cilt.232, ss.113-115, 2017 (SCI İndekslerine Giren Dergi)
- **Energy absorption buildup factors of some potential bioactive compounds in the energy region 0.015-15 MeV**  
YILMAZ D., GEDIK Z., TUĞRAK M., GÜL H. İ.  
SPECTROSCOPY LETTERS, cilt.50, ss.301-306, 2017 (SCI İndekslerine Giren Dergi)
- **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.  
PHARMACEUTICAL CHEMISTRY JOURNAL, cilt.50, ss.234-238, 2016 (SCI Expanded İndekslerine Giren Dergi)
- **Synthesis and Cytotoxic Activity of 4 Substituted benzylidene 3 Phenyl 1 2 4 Oxadiazol 5 yl methylamines**  
TUĞRAK M., GÜL H. İ.  
PHARMACEUTICAL CHEMISTRY JOURNAL, cilt.50, ss.234-238, 2016 (SCI Expanded İndekslerine Giren Dergi)
- **Synthesis of some acrylophenones with N-methylpiperazine and evaluation of their cytotoxicities**  
TUĞRAK M.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, ss.147-151, 2016 (SCI Expanded İndekslerine Giren Dergi)

- **Synthesis of some acrylophenones with N-methylpiperazine and evaluation of their cytotoxicities**  
TUĞRAK M.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, ss.147-151, 2016 (SCI Expanded İndekslerine Giren Dergi)

- **Synthesis and bioactivity studies on new 4-(3-(4-Substitutedphenyl)-3a,4-dihydro-3H-indeno[1,2-c]pyrazol-2-yl) benzenesulfonamides**

GÜL H. İ. , TUĞRAK M., Sakagami H., TASLIMI P., GÜLÇİN İ., SUPURAN C. T.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, ss.1619-1624, 2016 (SCI İndekslerine Giren Dergi)

- **The inhibitory effects of phenolic Mannich bases on carbonic anhydrase I and II isoenzymes**

YAMALI C., TUĞRAK M., GÜL H. İ. , TANC M., SUPURAN C. T.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, ss.1678-1681, 2016 (SCI İndekslerine Giren Dergi)

- **Synthesis of mono Mannich bases of 2-(4-hydroxybenzylidene)-2,3-dihydroinden-1-one and evaluation of their cytotoxicities**

TUĞRAK M., YAMALI C., SAKAGAMI H., GÜL H. İ.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, ss.818-823, 2016 (SCI İndekslerine Giren Dergi)

- **Radiation Parameters of Some Potential Bioactive Compounds**

GEDİK Z., TUĞRAK M., DASTAN A., GÜL H. İ. , YILMAZ D.

SPECTROSCOPY AND SPECTRAL ANALYSIS, cilt.35, ss.1501-1505, 2015 (SCI İndekslerine Giren Dergi)

- **Synthesis and Cytotoxicities of 2-[4-hydroxy-(3,5-bis-aminomethyl)-benzylidene]-indan-1-ones**

TUĞRAK M., GÜL H. İ. , Sakagami H.

LETTERS IN DRUG DESIGN & DISCOVERY, cilt.12, ss.806-812, 2015 (SCI İndekslerine Giren Dergi)

## Diğer Dergilerde Yayınlanan Makaleler

- **Design, Synthesis and Biological Activities of Chalcones with Piperonal Moiety**

TUĞRAK M., GÜL H. İ. , ANIL B., AKINCIOĞLU H.

Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 2020 (Diğer Kurumların Hakemli Dergileri)

- **Acetylcholinesterase inhibitory potency of new pyrazoline derivative**

TUĞRAK M., GÜL H. İ. , GÜLÇİN İ.

JOURNAL OF RESEARCH IN PHARMACY, 2020 (Diğer Kurumların Hakemli Dergileri)

- **PHOSPHODIESTERASE PDE ENZYMES AND INHIBITORS**

TUĞRAK M.

Türkiye klinikleri, cilt.1, ss.19-35, 2016 (Hakemli Üniversite Dergisi)

- **PHOSPHODIESTERASE PDE ENZYMES AND INHIBITORS**

TUĞRAK M.

Türkiye klinikleri, cilt.1, ss.19-35, 2016 (Hakemli Üniversite Dergisi)

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- **Synthesis and Carbonic Anhydrase Inhibitory Activities of Some Indenopyridine Derivatives**

TUĞRAK M., GÜL H. İ.

3rd INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL APPLIED SCIENCE ICANAS 2018, Antalya, Türkiye, 9 - 12 May 2018

- **Synthesis and Cytotoxic Activity of New Mannich Bases**

TUĞRAK M., GÜL H. İ.

3rd INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL APPLIED SCIENCE ICANAS 2018, Antalya, Türkiye, 9 - 12 May 2018

- **New Cytotoxic Mannich Bases having Indanone Moiety**  
TUĞRAK M., GÜL H. İ.  
3rd INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL APPLIED SCIENCE ICANAS 2018, Antalya, Türkiye, 9 - 12 May 2018
- **İNDANON VE İNDANDİONLARDAN TÜREVLENEN POTANSİYEL BİYOAKTİF BİLEŞİKLERİN SENTEZİ VE BİYOAKTİVİTELERİ**  
TUĞRAK M., GÜL H. İ.  
V. ULUSAL FARMASÖTİK KİMYA KONGRESİ, Erzurum, Türkiye, 28 April - 01 May 2018
- **Bazı Azaflorenon Bileşiklerinin Kimyasal yapılarının Dinamik NMR Yöntemiyle Belirlenmesi.**  
ANIL B., TUĞRAK M., GÜL H. İ.  
Uluslararası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Türkiye, 22 - 25 March 2018
- **Determination of Chemical Structures of Some New Azafluorenones Compounds by Dynamic NMR Method**  
ANIL B., GÜL H. İ. , TUĞRAK M.  
6. İLAÇ KİMYASI KONGRESİ, Antalya, Türkiye, 22 - 25 March 2018
- **Illumination of chemical structures of novel indeno pyridine compounds targeting DNA topoisomerase inhibition by 1D and 2D NMR techniques**  
ANIL B., KAZAZ C., TUĞRAK M., GÜL H. İ.  
The International Workshop on the Application of NMR in Pharmaceutics, Phytotherapeutics and Medicine, İstanbul, Türkiye, 15 - 17 November 2017
- **SYNTHESIS AND CARBONIC ANHYDRASE INHIBITORY ACTIVITIES OF SOME NOVEL AZAFLUORENONE DERIVATIVES**  
TUĞRAK M., GÜL H. İ.  
Multidisciplinary Symposium on Drug Research and Development, Erzurum, Türkiye, 5 - 07 October 2017, ss.1
- **CYTOTOXIC ACTIVITIES OF NEW SULPHONAMIDES ON OSCC**  
TUĞRAK M., GÜL H. İ. , Sakagami H.  
3 rd International Multidisciplinary Symposium on Drug Research and Development, Erzurum, Türkiye, 5 - 07 October 2017, ss.1
- **SYNTHESIS AND CARBONIC ANHYDRASE INHIBITORY ACTIVITIES OF SOME NOVEL AZAFLUORENONE DERIVATIVES**  
GÜL H. İ. , TUĞRAK M., GÜLCİN İ.  
3 rd International Multidisciplinary Symposium on Drug Research and Development, Erzurum, Türkiye, 5 - 07 October 2017, ss.1
- **SYNTHESIS OF NEW MANNICH BASES**  
TUĞRAK M., GÜL H. İ. , Mazlumoğlu S.  
3 rd International Multidisciplinary Symposium on Drug Research and Development, Erzurum, Türkiye, 5 - 07 October 2017, ss.1
- **SYNTHESIS OF NEW MANNICH BASES**  
TUĞRAK M., GÜL H. İ.  
International Multidisciplinary Symposium on Drug Research and Development, Erzurum, Türkiye, 5 - 07 October 2017, ss.1
- **DISCOVERY OF NOVEL INDENO-PYRIDINE DERIVATIVES AS ANTICANCER AGENTS**  
TUĞRAK M., GÜL H. İ.  
International Multidisciplinary Symposium on Drug Research and Development, Erzurum, Türkiye, 5 - 07 October 2017, ss.1
- **CYTOTOXIC ACTIVITIES OF NEW SULPHONAMIDES ON OSCC**  
TUĞRAK M., GÜL H. İ.  
International Multidisciplinary Symposium on Drug Research and Development, Erzurum, Türkiye, 5 - 07 October 2017, ss.1
- **DISCOVERY OF NOVEL INDENO-PYRIDINE DERIVATIVES AS ANTICANCER**  
GÜL H. İ. , TUĞRAK M., Sakagami H.  
3 rd International Multidisciplinary Symposium on Drug Research and Development, Erzurum, Türkiye, 5 - 07

October 2017, ss.1

- **SYNTHESIS AND CARBONIC ANHYDRASE INHIBITOR ACTIVITY OF MONO MANNICH BASES CONTAINING VANILLIN MOIETY**

TUĞRAK M., GÜL H. İ., GÜLÇİN İ., Sakagami H., ÖZMEN ÖZGÜN D.

New Trends in Carbonic Anhydrases Research, Montecatini, İtalya, 24 - 27 May 2017

- **SYNTHESIS AND BIOACTIVITIES OF PHENOLIC CHALCONE AND BIS MANNICH BASES**

TUĞRAK M., GÜL H. İ., GÜLÇİN İ., Sakagami H., ÖZMEN ÖZGÜN D.

New Trends in Carbonic Anhydrases research, Montecatini, İtalya, 24 - 27 May 2017

- **SYNTHESIS AND INVESTIGATION OF CARBONIC ANHYDRASE INHIBITOR ACTIVITY OF SOME NOVEL SULPHONAMIDE DERIVATIVES**

TUĞRAK M., GÜL H. İ., GÜLÇİN İ., Sakagami H., ÖZMEN ÖZGÜN D.

New Trends in Carbonic Anhydrases Research, Montecatini, İtalya, 24 - 27 May 2017

- **Illumination of Chemical Structures of Some Indeno Pyridine Compounds by 1D and 2D NMR Techniques**

TUĞRAK M., ANIL B., GÜL H. İ.

5. Drug Chemistry, Antalya, Türkiye, 30 March - 02 April 2017

- **Bazı İndenopiridin Bileşiklerinin Kimyasal Yapılarının 1D ve 2D NMR ile Aydınlatılması**

TUĞRAK M., anıl B., GÜL H. İ.

Uluslararası Katılımlı "5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Türkiye, 30 March - 02 April 2017, ss.1

- **Bazı İndenopiridin Bileşiklerinin Kimyasal Yapılarının 1D ve 2D NMR ile Aydınlatılması**

TUĞRAK M., GÜL H. İ.

Uluslararası Katılımlı "5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Türkiye, 30 March - 02 April 2017, ss.1

- **Synthesis and Anticancer Properties of Vanillin Moiety Containing Mono Mannich Bases**

TUĞRAK M.

4th International Bahçeşehir University (BAU) Drug Design Congress, İstanbul, Türkiye, 13 - 15 October 2016, ss.1

- **Synthesis and Anticancer Properties of Vanillin Moiety Containing Mono Mannich Bases**

TUĞRAK M.

4th International Bahçeşehir University (BAU) Drug Design Congress, İstanbul, Türkiye, 13 - 15 October 2016, ss.1

- **N Metilpiperazin Taşıyan Akrilofenonların Antikanser Etkileri**

TUĞRAK M.

III. Uygulamalı Moleküler Biyoloji Teknikleri Lisansüstü Yaz Okulu, Erzurum, Türkiye, 19 - 22 May 2016, ss.1

- **1 İndanon Türevi Mono Mannich Bazlarının Sentezi ve Antikanser Aktiviteleri**

TUĞRAK M.

III. Uygulamalı Moleküler Biyoloji Teknikleri Lisansüstü Yaz Okulu, Erzurum, Türkiye, 19 - 22 May 2016, ss.1

- **N Metilpiperazin Taşıyan Akrilofenonların Antikanser Etkileri**

TUĞRAK M.

III. Uygulamalı Moleküler Biyoloji Teknikleri Lisansüstü Yaz Okulu, Erzurum, Türkiye, 19 - 22 May 2016, ss.1

- **1 İndanon Türevi Mono Mannich Bazlarının Sentezi ve Antikanser Aktiviteleri**

TUĞRAK M.

III. Uygulamalı Moleküler Biyoloji Teknikleri Lisansüstü Yaz Okulu, Erzurum, Türkiye, 19 - 22 May 2016, ss.1

- **Synthesis of new indanones**

TUĞRAK M.

Trans Mediterranean Colloquium on Heterocyclic Chemistry, Antalya, Türkiye, 11 - 15 November 2015, ss.1

- **Synthesis of new 1 2 4 oxadiazoles**

KÜÇÜKOĞLU K., TUĞRAK M., DEMIRTAS A., Sakagami H., GÜL H. İ.

Trans Mediterranean Colloquium on Heterocyclic Chemistry TRAMECH VIII, 11 - 15 November 2015

- **Synthesis of new indanones**

TUĞRAK M.

Trans Mediterranean Colloquium on Heterocyclic Chemistry, Antalya, Türkiye, 11 - 15 November 2015, ss.1

- **SYNTHESIS and BIOLOGICAL EVALUATION of 4 AZAFLUORENONEDERIVATIVES**

TUĞRAK M.

International Multidisciplinary Symposium on Drug Research and Development, Antalya, Türkiye, 15 - 17 October 2015, ss.1

- **NEW ACRYLOPHENONE DERIVATIVES of 1 ARYL 2 NMETHYLPIPERAZINOMETHYL 2 PROPEN 1 ONE SYNTHESIS and CYTOTOXIC ACTIVITY**  
TUĞRAK M., GÜL H. İ. , Sakagami H.  
International Multidisciplinary Symposium on Drug Research and Development 2015, 15 - 17 October 2015
- **SYNTHESIS and SPECTRAL ANALYSIS of 2 4 HYDROXY 3 5 BIS AMINOMETHYL BENZYLIDENE INDAN 1 ONES**  
TUĞRAK M., GÜL H. İ. , Sakagami H.  
International Multidisciplinary Symposium on Drug Research and Development, 15 - 17 October 2015
- **SYNTHESIS and BIOLOGICAL EVALUATION of 4 AZAFLUORENONEDERIVATIVES**  
TUĞRAK M.  
International Multidisciplinary Symposium on Drug Research and Development, Antalya, Türkiye, 15 - 17 October 2015, ss.1
- **4 4 Hydroxy phenyl 2 4 substitue phenyl indeno 1 2 b pyridin 5 one Synthesis and spectral analysis**  
TUĞRAK M.  
1th International Congress: From Drug Discovery to Drug Delivery, Atina, Yunanistan, 13 - 15 November 2014, ss.1
- **New mono Mannich derivatives of 2 4 hydroxy 3 aminomethyl benzylidene indan 1 ones synthesis and cytotoxic activities**  
TUĞRAK M.  
1th International Congress: From Drug Discovery to Drug Delivery, Atina, Yunanistan, 13 - 15 November 2014, ss.1
- **4 4 Hydroxy phenyl 2 4 substitue phenyl indeno 1 2 b pyridin 5 one Synthesis and spectral analysis**  
TUĞRAK M.  
1th International Congress: From Drug Discovery to Drug Delivery, Atina, Yunanistan, 13 - 15 November 2014, ss.1
- **New mono Mannich derivatives of 2 4 hydroxy 3 aminomethyl benzylidene indan 1 ones synthesis and cytotoxic activities**  
TUĞRAK M.  
1th International Congress: From Drug Discovery to Drug Delivery, Atina, Yunanistan, 13 - 15 November 2014, ss.1
- **SYNTHESIS AND NMR ANALYSIS OF 2 4 HYDROXY 3 AMINOMETHYL BENZYLIDENE INDAN 1 ONES**  
TUĞRAK M.  
International Multidisciplinary Symposium on Drug Research and Development, Antalya, Türkiye, 28 - 30 November 2013, ss.1
- **SYNTHESIS AND NMR ANALYSIS OF 2 4 HYDROXY 3 AMINOMETHYL BENZYLIDENE INDAN 1 ONES**  
TUĞRAK M.  
International Multidisciplinary Symposium on Drug Research and Development, Antalya, Türkiye, 28 - 30 November 2013, ss.1
- **Spectral Analysis of 1 Aryl 2 4 methylpiperazine 1 yl methyl 2 propene 1 one Dihydrochlorides**  
TUĞRAK M.  
25 th National Chemistry Congress With International Participation, Erzurum, Türkiye, 27 June - 02 July 2011, ss.1
- **Spectral Analysis of 1 Aryl 2 4 methylpiperazine 1 yl methyl 2 propene 1 one Dihydrochlorides**  
TUĞRAK M.  
25 th National Chemistry Congress With International Participation, Erzurum, Türkiye, 27 June - 02 July 2011, ss.1
- **CYTOTOXICITIES OF SOME 1 ARYL 2 4 METHYLPIPERAZINE 1 YL METHYL 2 PROPENE 1 ONE DIHYDROCHLORIDES AGAINST HEP 3B CELL LINE**  
TUĞRAK M.  
International Symposium on Drug Research and Development "From Chemistry To Medicine, Antalya, Türkiye, 27 - 29 May 2011, ss.1
- **CYTOTOXICITIES OF SOME 1 ARYL 2 4 METHYLPIPERAZINE 1 YL METHYL 2 PROPENE 1 ONE DIHYDROCHLORIDES AGAINST HEP 3B CELL LINE**  
TUĞRAK M.  
International Symposium on Drug Research and Development "From Chemistry To Medicine, Antalya, Türkiye, 27 - 29 May 2011, ss.1
- **SYNTHESIS AND STRUCTURAL ELUCIDATION OF SOME MANNICH BASES HAVING N**

## **METHYLPIPERAZINE MOIETY**

TUĞRAK M.

First International Postgraduate Student Meeting on Pharmaceutical Sciences, İzmir, Türkiye, 24 - 27 June 2010, ss.1

- **SYNTHESIS AND STRUCTURAL ELUCIDATION OF SOME MANNICH BASES HAVING N METHYLPIPERAZINE MOIETY**

TUĞRAK M.

First International Postgraduate Student Meeting on Pharmaceutical Sciences, İzmir, Türkiye, 24 - 27 June 2010, ss.1

## **Desteklenen Projeler**

GÜL H. İ. , TUĞRAK M., TÜBİTAK Projesi, 2-(3-(4-Metoksifenil)-5-Aril-4,5-Dihidropirazol-1-Il)Benzo[D]Tiyazol Kimyasal Yapısına Sahip Bileşiklerin Sentezi Ve Mao Enzimi Üzerindeki İnhibe Edici Etkilerinin Araştırılması, 2018 - 2019

## **Davetli Kongre ve Sempozyum Faaliyetleri**

International Multidisciplinary Symposium on Drug Research and Development, Katılımcı, Erzurum, Türkiye, 2017

New Trends in Carbonic Anhydrases Research, Katılımcı, Türkiye, 2017

Uluslararası Katılımlı "5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Katılımcı, Türkiye, 2017

4th International Bahçeşehir University (BAU) Drug Design Congress, Katılımcı, Türkiye, 2016

III. Uygulamalı Moleküler Biyoloji Teknikleri Lisansüstü Yaz Okulu, Katılımcı, Türkiye, 2016

Trans Mediterranean Colloquium on Heterocyclic Chemistry, Katılımcı, Türkiye, 2015

1th International Congress: From Drug Discovery to Drug Delivery, Katılımcı, Türkiye, 2014

International Multidisciplinary Symposium on Drug Research and Development, Katılımcı, Türkiye, 2013

25 th National Chemistry Congress With International Participation, Katılımcı, Türkiye, 2011

International Symposium on Drug Research and Development "From Chemistry To Medicine, Katılımcı, Türkiye, 2011

First International Postgraduate Student Meeting on Pharmaceutical Sciences, Katılımcı, Türkiye, 2010

## **Atıflar**

Toplam Atıf Sayısı (WOS):151

h-indeksi (WOS):6