

Assoc. Prof. CEM YAMALI

Personal Information

Office Phone: [+90 0322 338 3521](tel:+9003223383521) Extension: 169

Email: cyamali@cu.edu.tr

Other Email: c.yamali@yahoo.com

Web: <https://avesis.cu.edu.tr/cyamali>

Address: Çukurova Üniversitesi Eczacılık Fakültesi Sarıçam, ADANA

International Researcher IDs

ORCID: 0000-0002-4833-7900

Publons / Web Of Science ResearcherID: A-7787-2015

Yoksis Researcher ID: 40158

Education Information

Doctorate, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, Turkey 2013 - 2018

Postgraduate, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, Turkey 2009 - 2011

Undergraduate, Kirikkale University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 2005 - 2009

Certificates, Courses and Trainings

Health&Medicine, Insights on Medicinal Chemistry: Reaxys for Bioactivity data and SAR analysis, Elsevier, 2023

Health&Medicine, Advancing Chemistry and Pharmacy Research: Reaxys Advanced Search, Elsevier, 2023

Vocational Training, TÜBİTAK – BİDEB 2237-A PROGRAMI - Lisansüstü Danışmanlık Eğitimi (ATAOGEM), ATATÜRK ÜNİVERSİTESİ, 2021

Vocational Training, İlaç Tasarımında Yüksek Başarımlı Hesaplama Teknolojileri, EuroCC-Türkiye Projesi, 2021

Other, IUGEN 18th Molecular Biology and Genetics Winter School, İSTANBUL ÜNİVERSİTESİ, 2021

Vocational Training, Elsevier Türkiye 5N1K Online Seminer Serisi - Yayın Yapmaya Nasıl Hazırlanabiliriz?, TÜBİTAK ULAKBİM EKUAL, 2020

Vocational Training, AB Ufuk2020 Marie Skłodowska Curie Alanı Bilgilendirme Semineri, TÜBİTAK, 2020

Vocational Training, Öğrenme ve Öğrenme Çalıştayları Modul 1, ATATÜRK ÜNİVERSİTESİ, 2019

Vocational Training, Temel İş Sağlığı ve Güvenliği Eğitimi, ATATÜRK ÜNİVERSİTESİ, 2019

Vocational Training, Biowaste Training, University of Saskatchewan, 2018

Vocational Training, Biosafety, University of Saskatchewan, Saskatoon, Canada, 2018

Vocational Training, Workplace Hazardous Material Information System 2015-WHMIS, University of Saskatchewan, Saskatoon, Canada, 2018

Vocational Training, III. Uygulamalı Moleküler Biyoloji Teknikleri Lisansüstü Yaz Okulu, ATATÜRK ÜNİVERSİTESİ DAYTAM, 2016

Vocational Training, 2. Bilgisayar Destekli İlaç Tasarımı Kursu, Biruni Üniversitesi Eczacılık Fakültesi, 2016

Health&Medicine, IV. Ulusal Farmasötik Kimya Kongresi, Türk Farmasötik ve Medisinal Kimya Derneği, 2016

Vocational Training, Proteinlerin Dinamik Simülasyonu: Temelleri ve Uygulamaları Yaz Kursu, TOBB Ekonomi ve Teknoloji Üniversitesi, 2015

Vocational Training, 1. Bilgisayar Destekli İlaç Tasarımı Kursu (Uygulamalı), Biruni Üniversitesi Eczacılık Fakültesi, 2015

Vocational Training, Tübitak 1000 Programı Kapsamında Akademik Düzeyde Tübitak Projesi Hazırlama Eğitimi, ATATÜRK ÜNİVERSİTESİ, 2015

Vocational Training, TÜBİTAK 2237-Projemi Yazıyorum Etkinliği, ATATÜRK ÜNİVERSİTESİ, 2014
Vocational Training, Research Methodology Course, ATATÜRK ÜNİVERSİTESİ TIP FAKÜLTESİ, 2014
Vocational Training, Patent-Faydalı Model Eğitim Semineri, ATATÜRK ÜNİVERSİTESİ MÜHENDİSLİK FAKÜLTESİ, 2014
Other, Türk Farmasötik ve Medisinal Kimya Derneği Başarı Belgesi, Türk Farmasötik ve Medisinal Kimya Derneği, 2011
Vocational Course, ISO 22000 Gıda Güvenliği Yönetim Sistemi Başdenetçi Sertifikası, ALBERK DANIŞMANLIK, 2011
Vocational Course, ISO 9001:2008 Kalite Yönetim Sistemi Başdenetçi Sertifikası, ALBERK DANIŞMANLIK, 2011
Vocational Course, cGMP - İlaç ve Kozmetik İyi İmalat Metodları , Quality Academia Eğitim ve Danışmanlık, 2010
Vocational Course, ISO 9001:2000 KALİTE YÖNETİM SİSTEMİ - OHSAS 18001:2007- İÇ DENETÇİLİK, NOBEL DANIŞMANLIK, 2008

Dissertations

Doctorate, Pirazol-benzensülfonamit türevi bileşiklerin tasarımı, sentezi, kimyasal yapılarının aydınlatılması ve biyoaktiviteleri, Ataturk University, Sağlık Bilimleri Enstitüsü, Eczacılık Farmasötik Kimya Anabilim Dalı Başkanlığı, 2018
Postgraduate, Bazı 3(2H)-Piridazinon ve 1(2H)-Fitalazinon türevlerinin sentezi ve biyolojik etkilerinin incelenmesi, Gazi University, 2011

Research Areas

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

Academic Titles / Tasks

Associate Professor, Cukurova University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2021 - Continues
Assistant Professor, Cukurova University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2020 - 2023
Research Assistant, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2013 - 2020

Academic and Administrative Experience

Rectorate Commissioner, Cukurova University, Eczacılık Fakültesi, 2022 - Continues
Fakülte Kurulu Üyesi, Cukurova University, Eczacılık Fakültesi, 2022 - Continues
Fakülte Yönetim Kurulu Üyesi, Cukurova University, Eczacılık Fakültesi, 2022 - Continues
Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Cukurova University, Eczacılık Fakültesi, 2022 - Continues
Akreditasyon, Sürekli Gelişim ve Yenilenme Kurulu Üyesi, Cukurova University, Eczacılık Fakültesi, 2021 - Continues
Eğitim ve Müfredat Kurulu üyesi, Cukurova University, Eczacılık Fakültesi, 2021 - Continues
Head of Department, Cukurova University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2020 - 2021
Internship Committee Member, Cukurova University, Eczacılık Fakültesi, 2020 - 2021

Courses

Farmasötik Kimya Laboratuvarı Temelleri, Undergraduate, 2023 - 2024
Farmasötik ve Medisinal Kimya Temel Kavramlar , Undergraduate, 2023 - 2024
Kemoterapötik İlaçlar, Undergraduate, 2023 - 2024
Heterosiklik Kimya, Undergraduate, 2021 - 2022
Mezuniyet Projesi II, Undergraduate, 2021 - 2022
ORGANİK KİMYA 2, Undergraduate, 2022 - 2023
Eczacılığa Giriş ve Eczacılık Terminolojisi, Undergraduate, 2021 - 2022

Sosyal Sorumluluk Projesi, Undergraduate, 2021 - 2022
Organic Chemistry, Undergraduate, 2020 - 2021
Laboratuvarda Güvenli Çalışma, Undergraduate, 2021 - 2022
Mezuniyet Projesi I, Undergraduate, 2020 - 2021
Organik Kimya, Undergraduate, 2019 - 2020
FARMASÖTİK KİMYA LABORATUVARI 1, 2, 3, 4, Undergraduate, 2019 - 2020
FARMASÖTİK KİMYA LABORATUVARI 4, Undergraduate, 2013 - 2014
FARMASÖTİK KİMYA LABORATUVARI 2, Undergraduate, 2013 - 2014
FARMASÖTİK KİMYA LABORATUVARI 3, Undergraduate, 2013 - 2014
FARMASÖTİK KİMYA LABORATUVARI 1, Undergraduate, 2013 - 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synergistic quantification of mixed insulin preparations using time domain NMR techniques**
Alam H., Ozesme Taylan G., YAMALI C., ÖZTOP H. M.
Journal of Pharmaceutical and Biomedical Analysis, vol.247, 2024 (SCI-Expanded)
- II. **In Vitro Enzyme Activity and Molecular Docking Studies of Pyrazoline Derivatives as Monoamine Oxidase Inhibitors**
Sakarya M. T., GÜL H. İ., YAMALI C., ÖZKAY Y., Tok T. T.
Pharmaceutical Chemistry Journal, vol.58, no.3, pp.419-427, 2024 (SCI-Expanded)
- III. **Design, synthesis, biological evaluation and docking analysis of pyrrolidine-benzenesulfonamides as carbonic anhydrase or acetylcholinesterase inhibitors and antimicrobial agents.**
Poyraz S., Dondas H. A., Yamali C., Belveren S., Demir Y., Aydinoglu S., Dondas N. Y., Taskin-Tok T., Tas S., Ülger M., et al.
Journal of biomolecular structure & dynamics, vol.42, no.7, pp.3441-3458, 2024 (SCI-Expanded)
- IV. **Biological Activities and Drug-Likeness Properties of Phenol-Based Heterocyclic Compounds**
YAMALI C., NENNİ M., Sakarya M. T., Sakagami H., GÜL H. İ.
Pharmaceutical Chemistry Journal, 2024 (SCI-Expanded)
- V. **Current Pharmaceutical Research on the Significant Pharmacophore Mannich bases in Drug Design.**
Yamali C., Gul M., Gul H. I.
Current topics in medicinal chemistry, 2023 (SCI-Expanded)
- VI. **Design, synthesis, and assessment of pharmacological properties of indole-based fluorinated chalcones and their benzenesulfonamide analogs**
Yamali C., Sevin S., Nenni M., Tugrak Sakarya M., Uyar R., Aygul A., Ülger M., İlhan R., Levent S., Gul H. I.
CHEMICAL PAPERS, vol.77, no.12, pp.7903-7918, 2023 (SCI-Expanded)
- VII. **Design, synthesis, biological evaluation and docking analysis of pyrrolidine-benzenesulfonamides as carbonic anhydrase or acetylcholinesterase inhibitors and antimicrobial agents**
Poyraz S., Döndaş H. A., Yamali C., Belveren S., Demir Y., Aydınoglu S., Yaktubay Döndaş N., Taşkın Tok T., Taş S., Ülger M.
JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS, no.1, pp.1-18, 2023 (SCI-Expanded)
- VIII. **Recent Developments in Tacrine-based Hybrids as a Therapeutic Option for Alzheimer's Disease**
Yamali C., Donmez S.
MINI-REVIEWS IN MEDICINAL CHEMISTRY, vol.1, no.1, pp.1, 2023 (SCI-Expanded)
- IX. **N-Benzoylthiourea-pyrrolidine carboxylic acid derivatives bearing an imidazole moiety: Synthesis, characterization, crystal structure, in vitro ChEs inhibition, and antituberculosis, antibacterial, antifungal studies**
Poyraz S., Döndaş H. A., Sansano J. M., Belveren S., Yamali C., Ülger M., Yaktubay Döndaş N., Sağlık B. N., Pask C. M.
JOURNAL OF MOLECULAR STRUCTURE, vol.1273, pp.134303, 2023 (SCI-Expanded)
- X. **Investigation of carbonic anhydrase inhibitory effects and cytotoxicities of pyrazole-based hybrids carrying hydrazone and zinc-binding benzenesulfonamide pharmacophores.**

Yamali C., Sakagami H., Satoh K., Bandow K., Uesawa Y., Bua S., Angeli A., Supuran C. T., Gul H. I.
Bioorganic chemistry, vol.127, pp.105969, 2022 (SCI-Expanded)

- XI. **<p>Quinazolinone-based benzenesulfonamides with low toxicity and high affinity as monoamine oxidase-A inhibitors: Synthesis, biological evaluation and induced-fit docking studies</p>**
Yamali C., Gul H. I., Tugrak Sakarya M., Nurpelin Saglik B., Ece A., Demirel G., Nenni M., Levent S., Cihat Oner A.
BIOORGANIC CHEMISTRY, vol.124, 2022 (SCI-Expanded)
- XII. **Effects of a Novel Benzenesulfonamide 4-(3-(4-Bromophenyl)-5-(2,4-dimethoxyphenyl)-4,5-dihydro-1H-pyrazol-1-yl) on Antioxidant Enzymes and Hematological Parameters of Rainbow Trout (Oncorhynchus mykiss)**
Ozgun D. O., ALAK G., UÇAR A., Bilginer S., GÜL H. İ., Kocaman M., Yamali C., PARLAK V., ATAMANALP M., Maslat A., et al.
PAKISTAN JOURNAL OF ZOOLOGY, vol.53, no.6, pp.2083-2089, 2021 (SCI-Expanded)
- XIII. **Exploring of tumor-associated carbonic anhydrase isoenzyme IX and XII inhibitory effects and cytotoxicities of the novel N-aryl-1-(4-sulfamoylphenyl)-5-(thiophen-2-yl)-1H-pyrazole-3-carboxamides.**
Yamali C., Inci Gul H., Ozli G., Angeli A., Ballar Kirmizibayrak P., Erbaykent Tepedelen B., Sakagami H., Bua S., Supuran C. T.
Bioorganic chemistry, vol.115, pp.105194, 2021 (SCI-Expanded)
- XIV. **Comprehensive study on potent and selective carbonic anhydrase inhibitors: Synthesis, bioactivities and molecular modelling studies of 4-(3-(2-arylidenehydrazine-1-carbonyl)-5-(thiophen-2-yl)-1H-pyrazole-1-yl) benzenesulfonamides.**
Yamali C., Sakagami H., Uesawa Y., Kurosaki K., Satoh K., Masuda Y., Yokose S., Ece A., Bua S., Angeli A., et al.
European journal of medicinal chemistry, vol.217, pp.113351, 2021 (SCI-Expanded)
- XV. **Biological activities of a newly synthesized pyrazoline derivative 4-(3-(4-bromophenyl)-5-(2,4-dimethoxyphenyl)-4,5-dihydro-1H-pyrazol-1-yl) benzenesulfonamide (B4) compound on rainbow trout alevins, Oncorhynchus mykiss.**
Ucar A., Ozmen Ozgun D., Alak G., Gul H. I., Kocaman M., Yamali C., Parlak V., Atamanalp M., Maslat A., Almuhur R., et al.
In vitro cellular & developmental biology. Animal, vol.57, pp.17-20, 2021 (SCI-Expanded)
- XVI. **Phenothiazine-based chalcones as potential dual-target inhibitors toward cholinesterases (AChE, BuChE) and monoamine oxidases (MAO-A, MAO-B)**
Yamali C., Engin F. S., Bilginer S., Tuğrak M., Ozmen Ozgun D., Özli G., Levent S., Sağlık B. N., Özkay Y., Gül H. İ.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.58, no.1, pp.161-171, 2021 (SCI-Expanded)
- XVII. **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**
Yamali C., Gül H. İ., Kazaz C., Levent S., Gülçin İ.
BIOORGANIC CHEMISTRY, vol.96, 2020 (SCI-Expanded)
- XVIII. **Aminoalkylated Phenolic Chalcones: Investigation of Biological Effects on Acetylcholinesterase and Carbonic Anhydrase I and II as Potential Lead Enzyme Inhibitors**
YAMALI C., GÜL H. İ., Çakır T., Demir Y., GÜLÇİN İ.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.17, no.10, pp.1283-1292, 2020 (SCI-Expanded)
- XIX. **Synthesis and bioactivities of 1-(4-hydroxyphenyl)-2-((heteroaryl)thio)ethanones as carbonic anhydrase I, II and acetylcholinesterase inhibitors**
Yamali C., GÜL H. İ., Demir Y., KAZAZ C., GÜLÇİN İ.
TURKISH JOURNAL OF CHEMISTRY, vol.44, no.4, pp.1058-1067, 2020 (SCI-Expanded)
- XX. **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., Angeli A., Sakagami H., ŞAHİN E., Supuran C. T.
BIOORGANIC CHEMISTRY, vol.92, 2019 (SCI-Expanded)

- XXI. **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.
BIOORGANIC CHEMISTRY, vol.84, pp.511-517, 2019 (SCI-Expanded)
- XXII. **Cytotoxicity, apoptosis, and QSAR studies of phenothiazine derived methoxylated chalcones as anticancer drug candidates**
GÜL H. İ., Yamali C., Gunesacar G., Sakagami H., Okudaira N., Uesawa Y., Kagaya H.
MEDICINAL CHEMISTRY RESEARCH, vol.27, no.10, pp.2366-2378, 2018 (SCI-Expanded)
- XXIII. **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., GÜL H. İ., Yamali C., Mohamed A. A. M., Badr B. M., GÜL M., Markeb A. A., El-Maali N. A.
BIOORGANIC CHEMISTRY, vol.78, pp.46-57, 2018 (SCI-Expanded)
- XXIV. **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**
Gül H. İ., Yamali C., Bulbuller M., Kirmizibayrak P. B., Gül M., Angeli A., Bua S., Supuran C. T.
BIOORGANIC CHEMISTRY, vol.78, pp.290-297, 2018 (SCI-Expanded)
- XXV. **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**
Yamali C., GÜL H. İ., Ece A., Taslimi P., GÜLÇİN İ.
CHEMICAL BIOLOGY & DRUG DESIGN, vol.91, no.4, pp.854-866, 2018 (SCI-Expanded)
- XXVI. **New anticancer drug candidates sulfonamides as selective hCA IX or hCA XII inhibitors**
GÜL H. İ., Yamali C., Sakagami H., Angeli A., Leitans J., Kazaks A., Tars K., Ozgun D. O., Supuran C. T.
BIOORGANIC CHEMISTRY, vol.77, pp.411-419, 2018 (SCI-Expanded)
- XXVII. **Microwave-assisted synthesis and bioevaluation of new sulfonamides.**
Gul H. I., Yamali C., Yesilyurt F., Sakagami H., Kucukoglu K., Gulcin I., Gul M., Supuran C. T.
Journal of enzyme inhibition and medicinal chemistry, vol.32, pp.369-374, 2017 (SCI-Expanded)
- XXVIII. **Synthesis and structure elucidation of 1-(2,5/3,5-difluorophenyl)-3-(2,3/2,4/2,5/3,4-dimethoxyphenyl)-2-propen-1-ones as anticancer agents**
Yamali C., Ozgun D. O., GÜL H. İ., Sakagami H., KAZAZ C., Okudaira N.
MEDICINAL CHEMISTRY RESEARCH, vol.26, no.9, pp.2015-2023, 2017 (SCI-Expanded)
- XXIX. **Designing, synthesis and bioactivities of 4-[3-(4-hydroxyphenyl)-5-aryl-4,5-dihydro-pyrazol-1-yl] benzenesulfonamides**
GÜL H. İ., METE E., Eren S. E., Sakagami H., Yamali C., Supuran C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.32, no.1, pp.169-175, 2017 (SCI-Expanded)
- XXX. **Synthesis and Cytotoxic Activities of Difluoro-Dimethoxy Chalcones**
Yamali C., GÜL H. İ., Ozgun D. O., Sakagami H., Umemura N., KAZAZ C., GÜL M.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.17, no.10, pp.1426-1433, 2017 (SCI-Expanded)
- XXXI. **Synthesis, cytotoxicity and carbonic anhydrase inhibitory activities of new pyrazolines**
Kucukoglu K., Oral F., Aydin T., Yamali C., Algul O., Sakagami H., GÜLÇİN İ., Supuran C. T., GÜL H. İ.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, pp.20-24, 2016 (SCI-Expanded)
- XXXII. **Carbonic anhydrase inhibition and cytotoxicity studies of Mannich base derivatives of thymol**
GÜL H. İ., Yamali C., Yasa A. T., Unluer E., Sakagami H., Tanc M., Supuran C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, no.6, pp.1375-1380, 2016 (SCI-Expanded)
- XXXIII. **Synthesis of 4-(2-substituted hydrazinyl)benzenesulfonamides and their carbonic anhydrase inhibitory effects**
GÜL H. İ., Kucukoglu K., Yamali C., BİLGİNER S., YUCA H., Ozturk I., Taslimi P., GÜLÇİN İ., Supuran C. T.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, no.4, pp.568-573, 2016 (SCI-Expanded)
- XXXIV. **Inhibitory effects of isatin Mannich bases on carbonic anhydrases, acetylcholinesterase, and**

butyrylcholinesterase

Ozgun D. O., Yamali C., GÜL H. İ., Taslimi P., GÜLÇİN İ., YANIK T., Supuran C. T.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, no.6, pp.1498-1501, 2016 (SCI-Expanded)

- XXXV. **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, vol.31, no.5, pp.818-823, 2016 (SCI-Expanded)

- XXXVI. **Synthesis and bioactivities of halogen bearing phenolic chalcones and their corresponding bis Mannich bases**

Yamali C., GÜL H. İ., Sakagami H., Supuran C. T.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, pp.125-131, 2016 (SCI-Expanded)

- XXXVII. **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, vol.31, no.6, pp.1678-1681, 2016 (SCI-Expanded)

- XXXVIII. **Synthesis of some 3(2H)-pyridazinone and 1(2H)-phthalazinone derivatives incorporating aminothiazole moiety and investigation of their antioxidant, acetylcholinesterase, and butyrylcholinesterase inhibitory activities**

Yamali C., Gulcan H. O., Kahya B., Cobanoglu S., Sukuroglu M. K., Dogruer D. S.

MEDICINAL CHEMISTRY RESEARCH, vol.24, no.3, pp.1210-1217, 2015 (SCI-Expanded)

- XXXIX. **Synthesis of Some New 3(2H)-Pyridazinone Derivatives and Evaluation of their Analgesic-anti-inflammatory and Antimicrobial Activities**

Sukuroglu M., Yamali C., Tiryaki D., Onurdag F. K., Akkol E., Dogruer D. S.

LETTERS IN DRUG DESIGN & DISCOVERY, vol.10, no.6, pp.507-514, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **IMIDAZOLINONE-BASED SULFONAMIDE DERIVATIVES: SYNTHESIS, CHARACTERIZATION, AND INHIBITORY PROPERTY AGAINST SOME METABOLIC ENZYMES**

Tuğrak Sakarya M., Gul H. İ., Yamali C., Demir Y., Gulcin İ.

Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.47, no.3, pp.915-926, 2023 (Scopus)

- II. **Molecular docking studies and biological activities of benzenesulfonamide-based thiourea and thiazolidinone derivatives targeting cholinesterases, α -glucosidase, and α -amylase enzymes**

TUĞRAK SAKARYA M., GÜL H. İ., YAMALI C., TASLIMI P., TAŞKIN TOK T.

The Turkish Chemical Society, vol.10, no.2, pp.385-424, 2023 (Peer-Reviewed Journal)

- III. **Inhibitory effects of novel benzamide derivatives towards acetylcholinesterase enzyme**

YAMALI C., GÜL H. İ., LEVENT S., DEMİR Y.

Journal of the Turkish Chemical Society Section A: Chemistry, vol.8, no.2, pp.429-434, 2021 (Scopus)

- IV. **Inhibitory effects of the chalcones towards carbonic anhydrase I, II and acetylcholinesterase enzymes**

TUĞRAK M., YAMALI C., GÜL H. İ., DEMİR Y.

Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.13, no.3, pp.1138-1146, 2020 (Peer-Reviewed Journal)

- V. **Cytotoxic effects of Mannich bases via induction of caspase-3 pathway on human oral squamous cell carcinoma**

YAMALI C., GÜL H. İ.

Journal of the Turkish Chemical Society Section A: Chemistry, vol.8, no.1, pp.187-194, 2020 (Scopus)

Books & Book Chapters

- I. **Eczacılıkta Güncel Araştırmalar II**
Yamalı C. (Editor)
Akademisyen Kitabevi, Ankara, 2023
- II. **Current Research in Pharmacy and Pharmaceutical Sciences**
Yamalı C. (Editor)
Akademisyen Kitabevi, Adana, 2023
- III. **Eczacılıkta Güncel Araştırmalar I**
Yamalı C. (Editor)
Akademisyen Kitabevi, Ankara, 2023
- IV. **COVID-19 HASTALIĞINI HEDEF ALAN AJANLARIN TASARIMINDA İLAÇ YENİDEN KONUMLANDIRMA (DRUG REPURPOSING) UYGULAMALARI**
Dağlı T., YAMALI C.
in: Disiplinlerarası Tıp ve Sağlık Bilimleri Kavramlar, Araştırmalar ve Uygulama, Nizami Duran, Meriç Eraslan, Editor, Livre de Lyon, pp.307-328, 2022
- V. **CHAPTER XV. RECENT DRUG DEVELOPMENT STUDIES ON NOVEL AND SELECTIVE COX-2 INHIBITORS**
Baltacıoğlu O., Dönmez Ş., YAMALI C.
in: Interdisciplinary Medicine and Health Sciences Concepts, Researches and Practice, Erdinç Yalın, Meriç Eraslan, Editor, Livre de Lyon, pp.157-178, 2022

Refereed Congress / Symposium Publications in Proceedings

- I. **Monoamine oxidase inhibition and toxicity evaluation of phenylurea-bearing hydrazones**
YAMALI C., DEMİREL G.
6th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2023) October 11-13, 2023., Ankara, Turkey, 11 - 13 October 2023
- II. **A PRELIMINARY STUDY OF CHOLINESTERASE INHIBITION AND CYTOTOXICITY EVALUATION OF INDOLEBASED CHALCONE DERIVATIVE**
YAMALI C., DEMİREL G.
International Multidisciplinary Symposium on Drug Research and Development DRD 2023, İzmir, Turkey, 4 - 06 May 2023
- III. **Paraoxonase Enzyme Inhibition Effects Of Sulfonamide Bearing Compounds**
DEDEOĞLU N., YAMALI C.
5th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2022) November 23-25, 2022., Turkey, 23 November 2022
- IV. **The design of modern tacrine-based drug candidates in the treatment of Alzheimer's disease**
Dönmez Ş., YAMALI C.
5th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2022) November 23-25, 2022, Turkey, 23 November 2022
- V. **The Effects of Some Secondary Sulfonamide Derivatives on Lactoperoxidase Enzyme Activity**
DEDEOĞLU N., YAMALI C.
6th INTERNATIONAL CONGRESS on APPLIED BIOLOGICAL SCIENCE, Turkey, 8 - 09 December 2021, pp.33-38
- VI. **Pirazol-Benzensülfonamid Grubu Taşıyan Schiff Bazı Türevinin Sentezi ve Karbonik Anhidraz Enzimleri Üzerine Etkisi**
YAMALI C.
32. Ulusal Kimya Kongresi, Turkey, 17 - 19 September 2020
- VII. **THE ROLE OF CARBONIC ANHYDRASE ENZYMES IN ANTICANCER DRUG RESEARCH**
YAMALI C.
EURO ASIA 7th. INTERNATIONAL CONGRESS ON APPLIED SCIENCES, 21 - 22 August 2020

- VIII. **Synthesis of novel (E)-1-(4-hydroxy-3-((4-phenylpiperazin-1-yl)methyl)phenyl)-3-(3,4,5-trimethoxyphenyl)prop-2-en-1-one as a selective cytotoxic agent.**
YAMALI C.
INSAC - Natural and Health Sciences Congress 2020, 22 - 23 May 2020
- IX. **Synthesis of potential bioactive pyrazole-carboxamides**
YAMALI C., GÜL H. İ.
3rd International Eurasian Conference on Biological and Chemical Sciences(EurasianBioChem 2020)March 19-20, 2020 / Ankara, Turkey, 19 - 20 March 2020
- X. **-1-(4-Sülfamoilfenil)-5-(tiyofen-2-il)-1H-pirazol-3-(N-süstitüe) karboksamitlerin sentezi ve kimyasal yapılarının aydınlatılması**
YAMALI C., ÖZLİ G., GÜL H. İ.
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), March 19-20, 2020 Ankara, Turkey, 19 - 20 March 2020
- XI. **Pyrazole-Benzensulfonamides: Inhibitory Effects On Cancer-Associated Carbonic Anhydrase IX (CA IX) Isoenzyme**
YAMALI C., GÜL H. İ., Supuran C. T.
ISPEC- 5 th INTERNATIONAL CONFERENCE ON ENGINEERING NATURAL SCIENCES, 20 - 22 December 2019
- XII. **Inhibitory Effects of Isatin Mannich Bases on Carbonic Anhydrases, Acetylcholinesterase, and Butyrylcholinesterase**
ÖZMEN ÖZGÜN D., YAMALI C., GÜL H. İ., TASLİMİ P., GÜLÇİN İ., YANIK T., Supuran C. T.
2018 5th International Conference on Chemical and Biological Sciences (ICCBS 2018) BUCHAREST CONFERENCE, ROMANIA, Romania, 7 - 09 March 2018
- XIII. **Structure Elucidation Of 1-(2,5/3,5-difluorophenyl)-3 (2,3/2,4/2,5/3,4-dimethoxyphenyl)-2-propen-1-ones**
KAZAZ C., GÜL H. İ., YAMALI C.
The International Workshop on the Application of NMR in Pharmaceutics, Phytotherapeutics and Medicine, Bezmialem Vakf Üniversitesi, İstanbul, Turkey, İstanbul, Turkey, 15 - 17 November 2017
- XIV. **Bioactivities of Isatin Mannich Bases**
ÖZMEN ÖZGÜN D., GÜL H. İ., YAMALI C.
3 rd International Multidisciplinary Symposium on Drug Research and Development - DRD 2017 , Erzurum, Turkey, 5 - 07 October 2017
- XV. **1,5-Bis(4-hydroxy-3-(aminomethyl)phenyl)penta-1,4-dien-3-ones: Bis Mannich Bases as Anticancer Agents**
GÜL H. İ., YAMALI C., Sakagami H.
3 rd International Multidisciplinary Symposium on Drug Research and Development - DRD 2017 , Erzurum, Turkey, Erzurum, Turkey, 5 - 07 October 2017
- XVI. **Synthesis of Novel Pyrazolines and Their Inhibitory Effects on hCA IX and XII Isoenzymes**
GÜL H. İ., YAMALI C., Supuran C. T.
3 rd International Multidisciplinary Symposium on Drug Research and Development - DRD 2017 , Erzurum, Turkey, 5 - 07 October 2017
- XVII. **Synthesis, Molecular Modeling and Biological Evaluation of 4-[5-aryl-3-(thiophen-2-yl)-4,5-dihydro-1H-pyrazol-1-yl] benzenesulfonamides**
YAMALI C., GÜL H. İ., ECE A., GÜLÇİN İ.
3 rd International Multidisciplinary Symposium on Drug Research and Development - DRD 2017, Erzurum, Turkey, 5 - 07 October 2017
- XVIII. **Design, Synthesis and Bioevaluation of Pyrazoline Derivatives Bearing Primary Sulfonamide As Carbonic Anhydrase Inhibitors**
GÜL H. İ., YAMALI C., ÖZMEN ÖZGÜN D., GÜLÇİN İ.
3 rd International Multidisciplinary Symposium on Drug Research and Development - DRD 2017 , Erzurum, Turkey, 5 - 07 October 2017
- XIX. **Carbonic Anhydrase Isoenzymes inhibition effects of new pyrazoline benzenesulfomamides**

ÖZMEN ÖZGÜN D., GÜL H. İ., YAMALI C., GÜLÇİN İ., SUPURAN C. T.

3RD SARELLITE MEETING ON CARBONIC ANHYDRASE NEW TRENDS IN CARBONIC ANHYDRASES RESEARCH,
Florence, Italy, 24 - 27 May 2017

- XX. **Synthesis and Cytotoxic Activities of Difluoro Dimethoxy Chalcones**
ÖZMEN ÖZGÜN D., GÜL H. İ., YAMALI C., Sakagami H.
4th International BAU Drug Design Congress, Istanbul, İstanbul, Turkey, 13 - 15 October 2016
- XXI. **Synthesis and Cytotoxicities of New Sulfonamides**
GÜL H. İ., YAMALI C., Sakagami H.
4th International Bahçeşehir University (BAU) Drug Design Congress, Istanbul, İstanbul, Turkey, 13 - 15 October 2016
- XXII. **Synthesis Cytotoxicities and Docking Studies of New Chalcones**
YAMALI C., GÜL H. İ., ÖZMEN ÖZGÜN D., TUTAR Y.
4th International Bahçeşehir University (BAU) Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016
- XXIII. **hCA IX and XII Inhibition Studies of 4 -3-4-Hydroxyphenyl -5-aryl-4, 5-dihydro pyrazol-1-yl benzenesulfonamides**
METE E., GÜL H. İ., YAMALI C., Supuran C. T.
4th International BAU Drug Design Congress, Istanbul, İstanbul, Turkey, 13 - 15 October 2016
- XXIV. **1 İndanon Türevi Mono Mannich Bazlarının Sentezi ve Antikanser Aktiviteleri**
TUĞRAK M., YAMALI C., GÜL H. İ.
III. Uygulamalı Moleküler Biyoloji Teknikleri Lisansüstü Yaz Okulu, DAYTAM, Erzurum, Erzurum, Turkey, 19 - 22 May 2016
- XXV. **Design synthesis and cytotoxicities of halogen bearing new phenolic bis Mannich bases**
YAMALI C., GÜL H. İ., Hiroshi S.
11th International Symposium on Pharmaceutical Sciences (ISOPS-11), Ankara, Turkey, Ankara, Turkey, 9 - 12 June 2015
- XXVI. **Synthesis of new bis Mannich bases of 1,3-diphenyl-2-propene-1- ones by the microwave irradiation and spectral analysis**
YAMALI C., GÜL H. İ.
1th International Congress: From Drug Discovery to Drug Delivery, Greece, Athens, Atina, Greece, 13 - 15 November 2014
- XXVII. **New mono Mannich derivatives of 2-4-hydroxy-3-aminomethyl benzylidene indan 1 ones synthesis and cytotoxic activities**
TUĞRAK M., GÜL H. İ., YAMALI C., SAKAGAMI H.
1th International Congress: From Drug Discovery to Drug Delivery, Greece, Athens, 13 - 15 November 2014

Supported Projects

YAMALI C., TARI Ö., GÜL H. İ., ÜLGER M., Project Supported by Higher Education Institutions, 3-(1H-İndol-3-il)-1-aril-2-propen-1-on türevlerinin sentezi kimyasal yapılarının aydınlatılması ve antibakteriyel etkilerinin araştırılması, 2021 - 2022

DÖNDAŞ H. A., YAMALI C., AYGÜL A., AYDINOĞLU S., POYRAZ S., BELVEREN S., Project Supported by Higher Education Institutions, Fonksiyonel grup bulunduran polisüstitüe pirolidin halkası taşıyan potansiyel biyoaktif 4-[(3-(süstitüepirolidin-1-karbonil)-5-(tiyofen-2-il)-1H-pirazol-1il] benzen sülfonamidlerin sentezi ve biyoaktivitelerinin incelenmesi, 2021 - 2022

Yamalı C., Gül H. İ., Özli G., TUBITAK Project, Karbonik Anhidraz IX Enzimini Hedefleyen Yeni Pirazol-Karboksamitlerin Sentezi, Sitotoksik ve Karbonik Anhidraz İnhibe Edici Etkilerinin Araştırılması-219S076, 2019 - 2021

Yamalı C., Gül H. İ., Project Supported by Higher Education Institutions, Pirazol-Benzensülfonamid Artığı Taşıyan Çeşitli Bileşiklerin Sentezi, Yapılarının Aydınlatılması Ve Anikanser Etkilerinin Araştırılması PRJ2017/10F. Mülkiyet, 2017 - 2020

Yamalı C., Gül H. İ., Özli G., Project Supported by Higher Education Institutions, Fenotiyazin halkası taşıyan şalkon türevlerinin tasarımı sentezi ve sitotoksik aktivitelerinin araştırılması , 2016 - 2017

Yamalı C., Gül H. İ., Özmen Özgün D., Project Supported by Higher Education Institutions, 4(3 -Diflorofenil -5-dimetoksifenil -4,5- dihidro-1H-pirazol-1-il) benzensülfonamid türevlerinin sentezi ve karbonik anhidraz inhibisyon aktivitelerinin araştırılması Proje No:BAP 2015 078, 2015 - 2017

Yamalı C., Gül H. İ., Project Supported by Higher Education Institutions, Yeni fenolik bis Mannich bazlarının tasarımı sentezi ve sitotoksik aktivitelerinin araştırılması Proje No 2015 322, 2015 - 2016

Yamalı C., Gül H. İ., TÜBİTAK Project, 4 (3-Substitüefenil-2 -Tiyenil -5 -Trimetoksifenil -4, 5-Dihidro-1H-Pirazol-1-il)Benzensülfonamid Taşıyan Bileşiklerin Tasarımı Sentezi Sitotoksikite ve Karbonik Anhidraz Inhibisyon Etkilerinin Araştırılması Proje No: TÜBİTAK 115S694, 2015 - 2016

Yamalı C., Gül H. İ., Özmen Özgün D., Yanık T., Project Supported by Higher Education Institutions, 1H-Indol-2,3- dion Halkası Taşıyan Potansiyel Biyoaktif Mannich Bazlarının Sentezi ve Karbonik Anhidraz Aktivitelerinin Araştırılması BAP FEF 14 009, 2014 - 2015

Patent

Yamalı C., Gül H. İ., Pirazol-Benzensülfonamid Çekirdeği Taşıyan Potansiyel Antikanser Etkili Bileşiklerin Sentezi, Yapılarının Aydınlatılması Ve Sitotoksik Aktiviteleri (Araştırma raporu bekleniyor, süreç devam ediyor), Patent, CHAPTER A Human Needs, The Invention Recourse Number: TR2017006371 , Standard Registration, 2017

Activities in Scientific Journals

Current Topics In Medicinal Chemistry, Evaluation Committee Member, 2022 - Continues

Journal of Drug Design and Medicinal Chemistry, Evaluation Committee Member, 2019 - Continues

Current Medicinal Chemistry, Evaluation Committee Member, 2020 - 2021

Current Pharmaceutical Biotechnology, Evaluation Committee Member, 2019 - 2021

Memberships / Tasks in Scientific Organizations

Türk Farmasötik ve Medisinal Kimya Derneği, Member, 2026 - Continues, Turkey

COST (European Cooperation in Science and Technology) - CA21111, Member, 2023 - Continues, Belgium

COST (European Cooperation in Science and Technology) CA21164 [WG3], Member, 2023 - Continues, Belgium

COST (European Cooperation in Science and Technology) CA21145 [WG3], Member, 2023 - Continues, Belgium

American Chemical Society, Member, 2020 - Continues, United States Of America

Farmasötik Bilimler Ankara Derneği (FABAD), Member, 2016 - Continues, Turkey

Scientific Refereeing

DRUG DEVELOPMENT RESEARCH, SCI Journal, February 2024

CHEMISTRY CENTRAL JOURNAL, SCI Journal, January 2024

CHEMICAL BIOLOGY AND DRUG DESIGN, SCI Journal, November 2023

ANKARA UNIVERSİTESİ ECZACILIK FAKÜLTESİ DERGİSİ, National Scientific Refreed Journal, September 2023

Journal of Faculty of Pharmacy of Ankara University, Other Indexed Journal, April 2023

EURASIAN JOURNAL OF MEDICINE AND ONCOLOGY, National Scientific Refreed Journal, November 2022

CURRENT TOPICS IN MEDICINAL CHEMISTRY, SCI Journal, October 2022

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, SCI Journal, October 2022

ARABIAN JOURNAL OF CHEMISTRY, SCI Journal, September 2022

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, SCI Journal, August 2022

CURRENT TOPICS IN MEDICINAL CHEMISTRY, SCI Journal, July 2022

CURRENT MEDICINAL CHEMISTRY, SCI Journal, June 2022

CURRENT MEDICINAL CHEMISTRY, SCI Journal, June 2022
MINI-REVIEWS IN MEDICINAL CHEMISTRY, SCI Journal, May 2022
ARABIAN JOURNAL OF CHEMISTRY, SCI Journal, May 2022
Research Project of the Presidency of Turkey Health Institutes (TÜSEB), TÜSEB, Turkey, May 2022
Research Project of the Presidency of Turkey Health Institutes (TÜSEB), TÜSEB, Turkey, May 2022
JOURNAL OF HETEROCYCLIC CHEMISTRY, Journal Indexed in SCI-E, February 2022
ONLINE TÜRK SAĞLIK BİLİMLERİ DERGİSİ, National Scientific Refreed Journal, January 2022
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, Journal Indexed in SCI-E, January 2022
CURRENT TOPICS IN MEDICINAL CHEMISTRY, SCI Journal, November 2021
SYNTHETIC METALS, Journal Indexed in SCI-E, August 2021
JOURNAL OF HETEROCYCLIC CHEMISTRY, Journal Indexed in SCI-E, July 2021
CURRENT MEDICINAL CHEMISTRY, Journal Indexed in SCI-E, July 2021
FUTURE MEDICINAL CHEMISTRY, Journal Indexed in SCI-E, May 2021
Journal of Applied Pharmaceutical Science , Other Indexed Journal, May 2021
MINI-REVIEWS IN MEDICINAL CHEMISTRY, Journal Indexed in SCI-E, March 2021
Journal of the Turkish Chemical Society Section A: Chemistry, Other Indexed Journal, March 2021
BMC Chemistry, Other Indexed Journal, February 2021
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, SCI Journal, January 2021
CURRENT MEDICINAL CHEMISTRY, SCI Journal, December 2020
Project Supported by Higher Education Institutions, BAP Research Project, Ataturk University, Turkey, December 2020
ARABIAN JOURNAL OF CHEMISTRY, SCI Journal, November 2020
JOURNAL OF THE TURKISH CHEMICAL SOCIETY, SECTION A: CHEMISTRY, National Scientific Refreed Journal, October 2020
Journal of Applied Pharmaceutical Science, Other Indexed Journal, October 2020
Journal Of applied Pharmaceutical Science, Other Indexed Journal, February 2020
Organic Communications, Journal Indexed in ESCI, January 2020
BIOORGANIC CHEMISTRY, SCI Journal, January 2020
INORGANIC AND NANO-METAL CHEMISTRY, SCI Journal, November 2019
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, SCI Journal, August 2019
MINI-REVIEWS IN MEDICINAL CHEMISTRY, SCI Journal, June 2019
JOURNAL OF HETEROCYCLIC CHEMISTRY, SCI Journal, June 2019
MINI-REVIEWS IN MEDICINAL CHEMISTRY, SCI Journal, May 2019
ARCHIV DER PHARMAZIE, SCI Journal, November 2018
JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, October 2018

Scientific Consultations

TÜBİTAK, Project Consultancy, Cukurova University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, Turkey, 2023 - 2023
Türkiye Sağlık Enstitüleri Başkanlığı (TÜSEB), Project Consultancy, Cukurova University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, Turkey, 2022 - 2022

Tasks In Event Organizations

Yamalı C., 5. Uluslararası Tıp ve Sağlık Bilimleri Kongresi (UTSAK), Scientific Congress, Turkey, Aralık 2020
Yamalı C., 4. Uluslararası Tıp ve Sağlık Bilimleri Kongresi (UTSAK), Scientific Congress, Turkey, Ağustos 2020
Yamalı C., EURO ASIA 7th. INTERNATIONAL CONGRESS ON APPLIED SCIENCES, Scientific Congress, Turkey, Ağustos 2020

Metrics

Publication: 78
Citation (WoS): 1085
Citation (Scopus): 1159
H-Index (WoS): 21
H-Index (Scopus): 21

Congress and Symposium Activities

16th EFMC-YSN MedChemBioOnline-Young Scientists Network of the European Federation for Medicinal chemistry and Chemical biology (EFMC-YSN), Audience, Antwerp, Belgium, 2023

Scholarships

2214-A YURTDIŐI ARAŐTIRMA BURS PROGRAMI-UNIVERSITY OF SASKATCHEWAN, CANADA, TUBITAK, 2018 - 2019
ERASMUS-UNIVERSITY OF FLORENCE, ITALY, University, 2014 - 2014

Awards

Yamalı C., TÜBİTAK Q1 YAYIN TEŐVİK ÖDÜL, Tübitak, May 2022
Yamalı C., TÜBİTAK Q1 YAYIN TEŐVİK ÖDÜLÜ, Tübitak, October 2021
Yamalı C., EFMC Photo Competition 2020, European Federation For Medicinal Chemistry, August 2020
Yamalı C., Proje Bilimsel Teővik Ödülü, Atatürk Üniversitesi, June 2020

Non Academic Experience

University of Saskatchewan, College of Pharmacy and Nutrition, Department of Medicinal Chemistry, Saskatoon, Canada
Polo Scientifico, Laboratorio di Chimica Bioinorganica, Universita degli Studi di Firenze, Sesto Fiorentino (Firenze), Italy
Neutec İlaç AŐ
Business Establishment Private, Neutec İlaç AŐ, İlaç Üretimi
Aile ve Sosyal Politikalar Bakanlığı
Other Public Institution, Refik Saydam Hıfzısıhha AraŐtırma Merkezi Başkanlıđı, Analiz
Business Establishment Private, DİNÇSA İLAÇ SANAYİ, Solid İlaç Üretimi
Refik Saydam Hıfzısıhha AraŐtırma Merkezi Başkanlıđı
Dinçsa İlaç A.Ő.