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Personal Information

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Address: Hacettepe Üniversitesi Eczacılık Fakültesi Farmasötik Kimya Anabilim dalı 06100 Sıhhiye Ankara

Biography

1971 yılında Trabzon'da doğdu. İlk, orta ve lise öğrenimini Trabzon'da tamamladı. 1992 yılında Hacettepe Üniversitesi Eczacılık Fakültesi'nden mezun oldu. Aynı yıl yüksek lisans programına kaydoldu. 17.01.1994 de H.Ü. Eczacılık Fakültesi Farmasötik Kimya Anabilim Dalı'nda "Araştırma Görevlisi" olarak göreve başladı. 1995 yılında "Bilim Uzmanlığı" ünvanını aldı. 1998-2000 yılları arasında, İngiltere'de University of London, King's College, School of Pharmacy'de Prof. Dr. Robert C. Hider ile doktora tez çalışmasını tamamlayarak aynı yıl "Doktor" ünvanı aldı. Kasım 2004 yılında "Öğretim Görevlisi" olarak atandı. 8 Aralık 2004 de "Farmasötik Kimya Doçenti" ve 24 Kasım 2010 da "Profesör" ünvanını aldı.

Eylül 1995-Temmuz 2000 tarihleri arasında TÜBİTAK-Bilim Adamı Yetiştirme Grubu *Yurt İçi Doktora Bursu*, 2004-2005 *Novartis*, Farmasötik ve Medisinal Kimya, İlaç Tasarım ve Geliştirme, Araştırma Ödülleri - Üçüncülük Ödülü (14.04.2005), Türk Eczacıları Birliği Eczacılık Akademisi Teşvik Ödülü (12.5.2006), Türkiye Bilimler Akademisi tarafından desteklenen *L'Oréal Türkiye Genç Bilim Kadınlarına Bursu Programı Yaşam Bilimleri 2007 Ödülü* (25.01.2007) 2009-2010 Hacettepe Üniversitesi Tıp ve Sağlık Bilimleri-Bilimde Teşvik Ödülü (01.07.2010) ve ISIF2017 Uluslararası Buluş Fuarında Türk Patent ve Marka Kurumu tarafından Silver Madalya (05.03.2017) kazanmıştır.

Türk Farmasötik ve Medisinal Kimya Derneği, H.Ü. Farmasötik Kimya Araştırma ve Geliştirme Derneği (21.04.2005-2007 Denetleme Kurulu üyesi), FABAD Farmasötik Bilimler Ankara Derneği, H.Ü. Eczacılık Fakültesi Mezunlar Derneği, İlaç Araştırmacıları ve Uygulayıcıları Derneği (2015-Yönetim Kurulu üyesi, sayman), American Chemical Society (ACS/2011-) ve H.Ü. Eczacılık Fakültesi Yönetim Kurulu üyeliği bulunmaktadır. H.Ü. Bilim ve Sanat Ödülleri Değerlendirme Komisyonları - Tıp ve Sağlık Komisyonu Üyeliği (2012-2013), Hacettepe Eğitim Araştırma ve Hizmet Vakfı Genel Sekreteri (06.06.2012-22.10.2014) ve Öğretim Üyesi Yetiştirme Programı (ÖYP) Koordinatörlüğü (12.3.2012-17.12.2015) görevlerinde bulunmuştur. "Pedagojik formasyon" ve "uluslararası deney hayvanı kullanımı" ve "cilt bakım ürünleri hazırlama eğitimi" sertifikası bulunmaktadır. 12.04.2016 tarihinde 1512-TÜBİTAK TEYDEP-BİGG proje kapsamında "Koji Kozmetik Kimya San. Tic. A.Ş. kurucusudur. SCI Kapsamında Yayınlanan Makalelere Alınan Atıf Sayısı (Web of Science): 760 ve *h-index*: 15 dür. 23 tane bilimsel proje çalışması, 33 adet bilimsel makale, 4 kitap bölümü ve 75 adet sözlü/poster sunumu bulunmaktadır. Tescillenmiş ulusal ve uluslararası patentleri bulunmaktadır. Yüksek lisans ve doktora tez danışmanlığı yapmaktadır.

Education Information

Doctorate, Hacettepe University, Sağlık Bilimleri Fakültesi, Farmasötik Kimya, Turkey 1995 - 2000

Postgraduate, Hacettepe University, Sağlık Bilimleri Fakültesi, Farmasötik Kimya, Turkey 1992 - 1995

Undergraduate, Hacettepe University, Eczacılık Fakültesi, Turkey 1988 - 1992

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Sübstitüe 4(1H)-piridinon ve 4(1H)-piridintiyon Türevi Bileşikler Üzerinde Çalışmalar, Hacettepe Üniversitesi, Eczacılık Fakültesi, Farmasötik Kimya, 2000

Postgraduate, 1,2,3-Trisüstitüe-4(1H)-piridinon Türevleri Üzerinde Çalışmalar, Hacettepe Üniversitesi, Eczacılık Fakültesi, Farmasötik Kimya, 1995

Research Areas

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

Academic Titles / Tasks

Professor, Hacettepe University, Eczacılık Fakültesi, Meslek Bilimleri, 2010 - Continues

Associate Professor, Hacettepe University, Eczacılık Fakültesi, Meslek Bilimleri, 2004 - 2010

Academic and Administrative Experience

Dean, Izmir Katip Celebi University, Faculty Of Pharmacy, 2019 - Continues

University Executive Board Member, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2017 - 2019

Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2012 - 2015

Advising Theses

Aytemir M., Kojik Asit Türevi Bileşiklerin Tasarımı, Sentezi ve Melanoma Hücrelerine Karşı Sitotoksiteleri ile Tirozinaz İnhibisyonu Etkilerinin Değerlendirilmesi, Postgraduate, T.Adak(Student), 2019

AYTEMİR M., Kojik Asit Türevi Mannich Bazlarının Sentezi ve İnsan Melanoma Hücrelerine Etkisi ile Antitirozinaz Aktivitelerinin Araştırılması, Doctorate, G.Karakaya(Student), 2017

AYTEMİR M., Bazı Hidroksipiron Türevi Mannich Bazlarının Tasarımı, Sentezi ve Biyolojik Aktivitelerinin Değerlendirilmesi, Postgraduate, G.Demiryürek(Student), 2010

Published journal articles indexed by SCI, SSCI, and AHCI

- Synthesis and molecular modeling of some novel hydroxypyrrone derivatives as antidermatophytic agents**
Karakaya G., Ozdemir A., Ture A., ÖZÇELİK B., Aytemir M.
JOURNAL OF HETEROCYCLIC CHEMISTRY, 2022 (Journal Indexed in SCI)
- Targeting Mitochondrial Biogenesis with Polyphenol Compounds**
Chodari L., AYTEMİR M., Vahedi P., Alipour M., Vahed S. Z. , Khatibi S. M. H. , Ahmadian E., Ardalan M., Eftekhari A.
OXIDATIVE MEDICINE AND CELLULAR LONGEVITY, vol.2021, 2021 (Journal Indexed in SCI)
- Synthesis, computational molecular docking analysis and effectiveness on tyrosinase inhibition of**

kojic acid derivatives

Karakaya G., TÜRE A., ERCAN A., ÖNCÜL S., Aytemir M.

Bioorganic Chemistry, vol.88, 2019 (Journal Indexed in SCI)

- IV. **Synthesis and Cytotoxic Evaluation of Kojic Acid Derivatives with Inhibitory Activity on Melanogenesis in Human Melanoma Cells**
KARAKAYA G., ÖNCÜL S., ERCAN A., AYTEMİR M.
Anti-Cancer Agents In Medicinal Chemistry, vol.18, pp.1-12, 2018 (Journal Indexed in SCI Expanded)
- V. **Synthesis, Anticonvulsant and Antimicrobial Activities of Some New [1-(2-Naphthyl)-2-(pyrazol-1-yl)ethanone]oxime Ethers**
ÖZDEMİR Z., KARAKURT A., Calis U., GÜNAL S., IŞIK Ş., ŞAHİN Z. S. , DALKARA S.
MEDICINAL CHEMISTRY, vol.11, no.1, pp.41-49, 2015 (Journal Indexed in SCI)
- VI. **Synthesis and anticonvulsant activity of some N-(benzoyl)glycinanilide derivatives**
SOYER Z., AKGÜL Ö., TARIKOĞULLARI DOĞAN A. H. , Calis U.
MEDICINAL CHEMISTRY RESEARCH, vol.22, no.10, pp.4708-4714, 2013 (Journal Indexed in SCI)
- VII. **Evaluation of bioactivities of chlorokojic acid derivatives against dermatophytes couplet with cytotoxicity**
AYTEMİR M., Ozcelik B., Karakaya G.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.23, no.12, pp.3646-3649, 2013 (Journal Indexed in SCI)
- VIII. **Design, synthesis and in vivo/in vitro screening of novel chlorokojic acid derivatives**
KARAKAYA G., Aytemir M. D. , Ozcelik B., Çalış U.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.28, no.3, pp.627-638, 2013 (Journal Indexed in SCI)
- IX. **Synthesis and biological activities of new Mannich bases of chlorokojic acid derivatives**
Aytemir M., Ozcelik B.
MEDICINAL CHEMISTRY RESEARCH, vol.20, no.4, pp.443-452, 2011 (Journal Indexed in SCI)
- X. **Synthesis and anticonvulsant evaluation of some novel (thio)semicarbazone derivatives of arylalkylimidazole**
Çalış U., SEPTIOĞLU E., Aytemir M. D.
ARZNEIMITTEL-FORSCHUNG-DRUG RESEARCH, vol.61, no.6, pp.327-334, 2011 (Journal Indexed in SCI)
- XI. **A study of cytotoxicity of novel chlorokojic acid derivatives with their antimicrobial and antiviral activities**
Aytemir M., Ozcelik B.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.45, no.9, pp.4089-4095, 2010 (Journal Indexed in SCI)
- XII. **Anticonvulsant and Neurotoxicity Evaluation of Some Novel Kojic Acids and Allomaltol Derivatives**
Aytemir M., Calis U.
ARCHIV DER PHARMAZIE, vol.343, no.3, pp.173-181, 2010 (Journal Indexed in SCI)
- XIII. **Synthesis and anticonvulsant activity of new kojic acid derivatives**
Aytemir M., SEPTIOĞLU E., Calis U.
ARZNEIMITTEL-FORSCHUNG-DRUG RESEARCH, vol.60, no.1, pp.22-29, 2010 (Journal Indexed in SCI)
- XIV. **SYNTHESIS OF SOME 1-(2-NAPHTHYL)-2-(PYRAZOL-1-YL)ETHANONE OXIME ETHER DERIVATIVES AND THEIR ANTICONVULSANT ACTIVITIES**
Bulut Z., KARAKURT A., Calis U., DALKARA S.
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.38, no.1, pp.206-207, 2009 (Journal Indexed in SCI)
- XV. **SYNTHESIS AND CHARACTERIZATION OF SOME NEW THIOSEMICARBAZONE DERIVATIVES OF 1-BIPHENYL-4-YL-2-IMIDAZOL-1-YL-ETHANONE**
Septioglu E., Calis U.
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.38, no.1, pp.189-190, 2009 (Journal Indexed in SCI)
- XVI. **Synthesis and Studies on Antidepressant and Anticonvulsant Activities of Some 3-(2-Thienyl)pyrazoline Derivatives**
Ozidemir Z., KANDİLCİ H. B. , GÜMÜŞEL B., Calis U., BİLGİN A. A.
ARCHIV DER PHARMAZIE, vol.341, no.11, pp.701-707, 2008 (Journal Indexed in SCI)

- XVII. **Synthesis and studies on antidepressant and anticonvulsant activities of some 3-(2-furyl)-pyrazoline derivatives**
Ozdemir Z., Kandilci H. B. , Gumusel B., Calis U., Bilgin A. A.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.42, no.3, pp.373-379, 2007 (Journal Indexed in SCI)
- XVIII. **Synthesis of some oxime ether derivatives of 1-(2-naphthyl)-2(1,2,4-triazol-1-yl)ethanone and their anticonvulsant and antimicrobial activities**
Karakurt A., Aytemir M. D. , Stables J. P. , Ozalp M., Kaynak F. B. , Ozbey S., Dalkara S.
ARCHIV DER PHARMAZIE, vol.339, no.9, pp.513-520, 2006 (Journal Indexed in SCI)
- XIX. **Hydroxy-2-[4-(2-hydroxyethyl)piperazin-1-yl-methyl]6-methylpyran-4-one**
ISKELELI N., ISIK S., Aytemir M.
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.61, 2005 (Journal Indexed in SCI)
- XX. **Synthesis and anticonvulsant activity of some new hexahydropyrimidine-2,4-dione derivatives**
SEPTIOGLU E., Aytemir M., CALIS U.
ARZNEIMITTEL-FORSCHUNG-DRUG RESEARCH, vol.55, no.5, pp.259-264, 2005 (Journal Indexed in SCI)
- XXI. **Synthesis and evaluation of anticonvulsant and antimicrobial activities of 3-hydroxy-6-methyl-2-substituted 4H-pyran-4-one derivatives**
Aytemir M., CALIS U., Ozalp M. A.
ARCHIV DER PHARMAZIE, vol.337, no.5, pp.281-288, 2004 (Journal Indexed in SCI)
- XXII. **Ethyl 4-(3-hydroxy-6-methyl-4-oxo-4H-pyran-2-ylmethyl)piperazine-1-carboxylate**
OCAK N., ISIK S., Aytemir M.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.60, 2004 (Journal Indexed in SCI)
- XXIII. **3-Hydroxy-6-methyl-2-[4-(3-trifluoro-methylphenyl)piperazin-1-ylmethyl]-4H-pyran-4-one**
KOYSAL Y., ISIK S., Aytemir M.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.60, 2004 (Journal Indexed in SCI)
- XXIV. **Synthesis of new antimicrobial agents; Amide derivatives of pyranones and pyridinones**
Aytemir M., HIDER R., EROL D., Ozalp M. A. , Ekizoglu M.
TURKISH JOURNAL OF CHEMISTRY, vol.27, no.4, pp.445-452, 2003 (Journal Indexed in SCI)
- XXV. **Synthesis and evaluation of antimicrobial activity of new 3-hydroxy-6-methyl-4-oxo-4H-pyran-2-carboxamide derivatives**
Aytemir M., EROL D., HIDER R., Özalp M.
TURKISH JOURNAL OF CHEMISTRY, vol.27, no.6, pp.757-764, 2003 (Journal Indexed in SCI)
- XXVI. **New analgesic and antiinflammatory agents 4(1H)-pyridinone derivatives**
OZTURK G., EROL D., Aytemir M., UZBAY T.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.37, no.10, pp.829-834, 2002 (Journal Indexed in SCI)
- XXVII. **Synthesis and antidepressant activities of some 3,5-diphenyl-2-pyrazolines**
Palaska E., Aytemir M., UZBAY I., EROL D.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.36, no.6, pp.539-543, 2001 (Journal Indexed in SCI)
- XXVIII. **Synthesis of 4(1H)-pyridinone derivatives and investigation of analgesic and antiinflammatory activities**
OZTURK G., EROL D., UZBAY T., Aytemir M.
FARMACO, vol.56, no.4, pp.251-256, 2001 (Journal Indexed in SCI)
- XXIX. **Analgesic effect of tianeptine in mice**
UZBAY I., CINAR M., Aytemir M., TUGLULAR I.
LIFE SCIENCES, vol.64, no.15, pp.1313-1319, 1999 (Journal Indexed in SCI)
- XXX. **New 4(1H)-pyridinone derivatives as analgesic agents**
Aytemir M., UZBAY T., EROL D.
ARZNEIMITTEL-FORSCHUNG-DRUG RESEARCH, vol.49, no.3, pp.250-254, 1999 (Journal Indexed in SCI)
- XXXI. **Synthesis and antibacterial and antifungal properties of thiazolinoethyl-2(3H)-benzoxazolone derivatives .2.**
EROL D., Aytemir M., YULUG N.

Articles Published in Other Journals

- I. **Kojic acid derivatives as potential anticancer agents: Synthesis and cytotoxic evaluation on A375 human malignant melanoma cells**
Karakaya G., ERCAN A., ÖNCÜL S., Aytemir M.
JOURNAL OF RESEARCH IN PHARMACY, vol.23, no.4, pp.596-607, 2019 (Journal Indexed in ESCI)
- II. **Synthesis of Some Novel Mannich Bases Derived From Allomaltol and Evaluation of Their Anticonvulsant Activities**
AYTEMİR M., Çalış Ü.
Hacettepe University Journal of the Faculty of Pharmacy, vol.27, no.1, pp.1-10, 2007 (National Refreed University Journal)
- III. **Synthesis of Some New Hydroxyppyranone Derivatives and Evaluation of Their Anticonvulsant Activities**
AYTEMİR M.
FABAD J. Pharm. Sci., vol.31, pp.23-29, 2006 (National Refreed University Journal)
- IV. **Synthesis of Some New N,N-Disubstituted Dithiocarbamic Acid 2-(6-Arylhexahydropyrimidine-2,4-dion-3-yl)ethyl Esters and In Vitro Evaluation of Antimicrobial Activities**
SEPTIOGLU E., AYTEMİR M., Kılıç E., OZALP M., Çalış Ü.
FABAD J. Pharm. Sci., vol.29, pp.1-6, 2004 (National Refreed University Journal)
- V. **Synthesis of Some New 3-Ethyl-6-phenylhexahydropyrimidine-2,4-dione Derivatives and Evaluation of Their In vitro Antimicrobial Activities**
AYTEMİR M., Çalış Ü., OZALP M.
Hacettepe University Journal of the Faculty of Pharmacy, vol.22, no.2, pp.9-18, 2002 (National Refreed University Journal)
- VI. **3-Benzazepin Türevi Bileşiklerin Enantiyomerleri, Metabolizması ve Yapı-Etki İlişkileri**
AYTEMİR M.
FABAD, J. Pharm. Sci., vol.23, pp.65-73, 1998 (National Refreed University Journal)

Books & Book Chapters

- I. **Sedatif ve Hipnotik İlaçlar**
Aytemir M.
in: Farmasötik ve Medisinal Kimya 1-2, Erhan Palaska, Cihat Şafak, Editor, Hacettepe Taç Kitapçılık, Ankara, pp.1-12, 2019
- II. **Alzheimer Tedavisinde Kullanılan İlaçlar**
Çalış Ü., AYTEMİR M.
in: Farmasötik ve Medisinal Kimya 1, Şafak Cihat, Palaska Erhan, Editor, Hacettepe Üniversitesi Basımevi, Ankara, pp.646-655, 2019
- III. **Sedatif ve Hipnotik İlaçlar**
Çalış Ü., AYTEMİR M.
in: Farmasötik ve Medisinal Kimya 1, Şafak Cihat, Palaska Erhan, Editor, Hacettepe Üniversitesi Basımevi, Ankara, pp.268-292, 2019
- IV. **Antiepileptik İlaçlar**
Çalış Ü., AYTEMİR M.
in: Farmasötik ve Medisinal Kimya 1, Şafak Cihat, Palaska Erhan, Editor, Hacettepe Üniversitesi Basımevi, Ankara, pp.379-399, 2019
- V. **Kojic Acid Derivatives**

AYTEMİR M., Karakaya G.

in: Medicinal Chemistry and Drug Design, Deniz Ekinci, Editor, Intech, Rijeka, pp.1-26, 2012

VI. **Kojic Acid Derivatives**

AYTEMİR M., Karakaya G.

in: Medicinal Chemistry and Drug Design, Ekinci Deniz, Editor, InTech, Rijeka, pp.1-26, 2012

Refereed Congress / Symposium Publications in Proceedings

- I. **Antimycobacterial and antiderophytic activities with cytotoxicity of compounds derived from kojic acid**
KARAKAYA G., ÖZÇELİK B., AYTEMİR M.
International Multidisciplinary Symposium on Drug Research and Development (DRD), Malatya, Turkey, 1 - 03 July 2019, pp.337-338
- II. **Synthesis and Biological Evaluation of Kojic Acid Derivatives**
AYTEMİR M.
Italian-Spanish-Portuguese Joint Meeting in Medicinal Chemistry, Palermo, Italy, 17 July 2018, pp.1
- III. **Breast cancer treatment capacity of an allomaltol derivative from the standpoint of apoptosis and multidrug resistance**
ÖNCÜL S., ERCAN A., KARAKAYA G., AYTEMİR M.
FEBS OPEN BIO, 7 - 12 July 2018, vol.8, pp.298
- IV. **Synthesis and Screening For Cytotoxic Effects of Kojic Acid Derivatives on A375 Human Malignant Melanoma**
AYTEMİR M.
12th International Symposium on Pharmaceutical Sciences (ISOPS 12th), Ankara, Turkey, 26 June 2018, pp.1
- V. **Docking Studies of Kojylmethyl Dichlorobenzyl Piperazine as a Tyrosinase Inhibitor**
AYTEMİR M.
12th International Symposium on Pharmaceutical Sciences (ISOPS 12th), Ankara, Turkey, 26 June 2018, pp.1
- VI. **Exploring Cell Death Mechanism In A375 Human Malign Melanoma Cells Upon Treatment A Mannich Base Derivative**
ERCAN A., AYTEMİR M.
12th International Symposium on Pharmaceutical Sciences (ISOPS 12th), 26 - 29 June 2018
- VII. **Breast Cancer Treatment Capacity of a Allomaltol Derivative from the Standpoint of Apoptosis and Multidrug Resistance**
ÖNCÜL S., ERCAN A., KARAKAYA G., AYTEMİR M.
The 43rd FEBS Congress, Prag, Czech Republic, 07 June 2018, pp.1
- VIII. **Kişisel Bakımda Cilt Lekelerine Karşı Tirozinaz İnhibitörlerinin Kullanımı**
AYTEMİR M.
1.Uluslararası katılımlı Kozmetik Kongresi, Antalya, Turkey, 26 October 2017, pp.1
- IX. **Synthesis of Some New Mannich Bases with Anti-tyrosinase Activity.**
AYTEMİR M., KARAKAYA G., ERCAN A., ÖNCÜL S.
2nd International Gazi Pharma Symposium Series (GPSS), 11 - 13 October 2017
- X. **Screening for Cytotoxic Effects of Chlorokojic Acid Derivatives**
AYTEMİR M., Karakaya G., ERCAN A., ÖNCÜL S.
Symposium on Drug Research And Development, 5 - 07 October 2017
- XI. **Cytotoxic Effect of Allomaltol Derivative on A375 Human Malignant Melanoma and MCF7 Breast Cancer Cells**
ERCAN A., AYTEMİR M., KARAKAYA G., ÖNCÜL S.
International Multidisciplinary Symposium on Drug Research Development (DRD2017), 5 - 07 October 2017
- XII. **Determination of Log P value of kojic Acid Derivative By Using UV-Spectroscopy**
Kaplan O., KOÇAK E., ALTINÖZ S., AYTEMİR M.

International Multidisciplinary Symposium on Drug Research Development, 5 - 07 October 2017

- XIII. **Screening for Cytotoxic Effects of Chkorojic Acid Derivatives**
AYTEMİR M., KARAKAYA G., ERCAN A., ÖNCÜL S.
International Multidisciplinary Symposium on Drug Research Development (DRD2017), 5 - 07 October 2017
- XIV. **CYTOTOXICITY OF A KOJIC ACID DERIVATIVE ON A375 HUMAN MALIGNANT MELANOMA AND HGF1 FIBROBLAST CELLS**
AYTEMİR M., KARAKAYA G., ERCAN A., ÖNCÜL S.
10th Joint Meeting On Medicinal Chemistry, Dubrovnik, Croatia, 25 - 28 June 2017
- XV. **Tirozinaz İnhibitörü Kojik Asit Türevi Bileşikler**
AYTEMİR M.
1. Anadolu Üniversitesi Eczacılık Fakültesi Sempozyumu, Turkey, 1 - 02 June 2017
- XVI. **Kamu-Üniversite-Sanayi İşbirliği Kapsamında Araştırma-Geliştirme (Ar-Ge) Çalışmalarının Ticarileştirilmesi ve Patente Korunması**
AYTEMİR M.
IVEK International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 April 2017, pp.1
- XVII. **Farmasötik Kimyada Araştırma-Geliştirme (Ar-Ge), Patenteleşme ve Ticarileşme Faaliyetleri**
AYTEMİR M.
I. Ulusal Marmara Eczacılık Kongresi, İstanbul, Turkey, 03 November 2016, pp.1
- XVIII. **New Approaches for Tyrosinase Inhibitors: Mannich Bases of Kojic acid Derivatives**
AYTEMİR M.
International Conference on Pharmaceutical Chemistry, Frankfurt, Germany, 05 September 2016, pp.1
- XIX. **Antioxidant Activities of Mannich Bases of Kojic Acid Derivatives**
AYTEMİR M.
XXIV EFMC International Symposium on Medicinal Chemistry (EFMC-ISMC 2016), Manchester, United Kingdom, 28 August 2016, pp.1
- XX. **Antidermatophytic and Anti-mycobacterium Activities of Kojic Acid and Allomaltol Derivatives with Cytotoxicity.**
AYTEMİR M.
1st International Gazi Pharma Symposium Series, Antalya, Turkey, 12 November 2015, pp.1
- XXI. **Anti-mycobacterium Activity of Some Allomaltol Derivatives**
AYTEMİR M.
International Multidisciplinary Symposium on Drug Research and Development (DRD-2015), Eskişehir, Turkey, 14 October 2015, pp.1
- XXII. **Kojic Acid Derivatives as Antidermatophytic and Antimycobacterial Agents with Cytotoxicity Evaluation**
AYTEMİR M.
11th International Symposium on Pharmaceutical Sciences (ISOPS 11th), Ankara, Turkey, 09 June 2015, pp.1
- XXIII. **Antidermatophytic and Antimycobacterial Activity of Mannich Bases of Kojic Acid with Cytotoxicity Evaluation**
AYTEMİR M.
Fourth International Meeting on Pharmacy&Pharmaceutical Sciences (IMPPS-4), İstanbul, Turkey, 18 September 2014, pp.1
- XXIV. **Antidermatophytic and Antimycobacterial Activity of Kojic Acid Derivatives with Cytotoxicity Evaluation**
AYTEMİR M.
XXIII International Symposium on Medicinal Chemistry EFMC-ISMC 2014, Lizbon, Portugal, 07 September 2014, pp.1
- XXV. **Anti-Mycobacterial Activities of Mannich Bases of Allomaltol with Cytotoxicity**
AYTEMİR M.
International Multidisciplinary Symposium on Drug Research&Development - New Drug Entities & Cancer Research, Nanotechnology & Scientific and Industrial Perspectives, Antalya, Turkey, 28 November 2013, pp.1

- XXVI. **Synthesis and Antidermatophytic Activity of Some Allomaltol Derivatives with Cytotoxicity**
AYTEMİR M.
XXII National Meeting on Medicinal Chemistry, Roma, Italy, 10 September 2013, pp.1
- XXVII. **Antidermatophytic Activity of Chlorokojic Acid Derivatives with Cytotoxicity Evaluation**
AYTEMİR M.
22nd International Symposium on Medicinal Chemistry (EFMC-ISMC), Berlin, Germany, 02 September 2012, pp.1
- XXVIII. **Antidermatophytic and Cytotoxicity Evaluation of Some Chlorokojic Acid Derivatives**
AYTEMİR M.
10th International Symposium on Pharmaceutical Sciences (ISOPS 10th), Ankara, Turkey, 26 June 2012, pp.1
- XXIX. **Synthesis, Characterization, Antidermatophytic And Cytotoxicity Evaluation of Some Novel Hydroxypyrones**
AYTEMİR M.
7th Eurasian Meeting on Heterocyclic Chemistry, İstanbul, Turkey, 17 June 2012, pp.34
- XXX. **Synthesis of Mannich Bases Of Chlorokojic Acid / Anti-Mycobacterium Tuberculosis Activity of Chlorokojic Acid Derivatives**
KARAKAYA G., OZCELIK B., AYTEMİR M.
4th European Conference on Chemistry for Life Sciences, Budapest, Hungary, Budapeşte, Hungary, 31 August 2011, pp.1
- XXXI. **Hidroksipiron türevi Mannich Bazlarının Sentezi ve Biyolojik Aktiviteleri**
AYTEMİR M.
25. Uluslararası Katılımlı Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June - 02 July 2011
- XXXII. **Synthesis of Some Novel Mannich Bases of Kojic Acid**
Karakaya G., AYTEMİR M.
International Symposium on Drug Research and Development "From Chemistry to Medicine" & New Horizons and Job Opportunities for Young Scientists, Antalya, Turkey, 27 May 2011, pp.1
- XXXIII. **Structural Analysis of a Mannich Base of Chlorokojic Acid**
Demiryürek G., AYTEMİR M.
4th International Meeting on Medicinal and Pharmaceutical Chemistry and 6th International Symposium of Pharmaceutical Chemistry-IMMPC-ISPC Joint Meeting, Ankara, Turkey, 30 September 2010, pp.1
- XXXIV. **Potent Anticonvulsant and Antimicrobial Activities of Chlorokojic Acid Derivatives**
AYTEMİR M., Demiryürek G., Özçelik B., Çalış U.
4th International Meeting on Medicinal and Pharmaceutical Chemistry and 6th International Symposium of Pharmaceutical Chemistry-IMMPC-ISPC Joint Meeting, Ankara, Turkey, 30 September 2010, pp.1
- XXXV. **Synthesis and Evaluation of Biological Activities of Chlorokojic Acid Derivatives**
AYTEMİR M., Demiryürek G., OZCELIK B., Çalış U.
XXIst International Symposium on Medicinal Chemistry, Bürüksel, Belgium, 05 September 2010
- XXXVI. **Antimicrobial Activities of Mannich Bases of Clorokojic Acid Derivatives**
AYTEMİR M., Özçelik B., Demiryürek G.
Third International Meeting on Pharmacy & Pharmaceutical Sciences (IMPPS-3), İstanbul, Turkey, 09 June 2010, pp.1
- XXXVII. **Synthesis and Characterization of Some New Thiosemicarbazone Derivatives of Nafimidone in Which Anticonvulsant Activity is Predicted**
SEPTIOGLU E., AYTEMİR M., Çalış U.
45th International Conference on Medicinal Chemistry RICT-45th, Orleans, France, 01 July 2009, pp.1
- XXXVIII. **Design and Synthesis of New Mannich Bases with Antiviral and Antimicrobial Activities**
AYTEMİR M., OZCELIK B.
International Symposium on Drug Research & Development "From Chemistry to Medicine" & Educational Fair on "GLP and Laboratory Safety: New Approaches", DRD-2009, Ankara, Turkey, 04 May 2009, pp.52
- XXXIX. **Antiviral and Antimicrobial Activities of Chlorokojic Acid Derivatives**
AYTEMİR M., OZCELIK B.
XXth International Symposium on Medicinal Chemistry, Viyana, Austria, 31 August 2008, pp.199

- XL. Assessment of Docking Program FlexX for Thrombin Inhibitors**
Fikirdeşici S., Çağlar F., Kül Ö., Adar V., AYTEMİR M.
5th International Symposium of Pharmaceutical Chemistry, İstanbul, Turkey, 5 - 07 September 2007
- XLI. Design and Synthesis of New Chlorokojic Acid Derivatives**
AYTEMİR M.
15 th European Symposium on Organic Chemistry ESOC 2007, Dublin, Ireland, 8 - 13 July 2007
- XLII. 15 th European Symposium on Organic Chemistry ESOC 2007**
AYTEMİR M.
Design and Synthesis of New Chlorokojic Acid Derivatives, Dublin, Ireland, 08 July 2007, pp.1
- XLIII. Antimicrobial Activity of 3-Hydroxy-6-Methyl-2-Substituted 4H-Pyran-4-one Derivatives**
Kılıç E., AYTEMİR M.
International Symposium on Drug Research and Development "From Chemistry to Medicine" DRD-2007, Antalya, Turkey, 17 - 20 May 2007
- XLIV. Synthesis and Characterization of Some Novel Isatin Derivatives in Which Anticonvulsant Activity is Predicted**
Septioğlu E., AYTEMİR M., Çalış Ü.
International Symposium on Drug Research and Development "From Chemistry to Medicine" DRD-2007, Antalya, Turkey, 17 - 20 May 2007
- XLV. Synthesis and Anticonvulsant Activity of New Kojic Acid Derivatives**
AYTEMİR M., Septioğlu E., Çalış Ü.
XIX th International Symposium on Medicinal Chemistry ISMC 2006, İstanbul, Turkey, 29 August - 02 September 2006
- XLVI. Synthesis and Anticonvulsant Activity of Hydroxypyranone Derivatives**
AYTEMİR M., Septioğlu E., Çalış Ü.
International Symposium on Medicinal Chemistry Research and Development 2005, Kuşadası, Turkey, 28 September - 01 October 2005
- XLVII. Synthesis of Some New Hexahydropyrimidine-2,4-dione Derivatives and Evaluation of Anticonvulsive and Antimicrobial Activities**
Septioğlu E., AYTEMİR M., Özalp M., Çalış Ü.
European Journal of Pharmaceutical Sciences (EUFEPS), Brüksel, Belgium, 17 - 20 October 2004
- XLVIII. Synthesis and Anticonvulsant Activity of Mannich Bases of Kojic Acid Derivatives**
AYTEMİR M., Septioğlu E., Çalış Ü.
2nd International Meeting on Medicinal and Pharmaceutical Chemistry IMMPC-2, Kemer, Turkey, 10 - 14 October 2004
- XLIX. Synthesis of Some New Dithiocarbamate Derivatives of 3-Ethyl-6-(4-chlorophenyl)hexahydropyrimidine-2,4-dione and Their Antimicrobial Activities**
Septioğlu E., AYTEMİR M., Özalp M., Çalış Ü.
40th International Meeting on Medicinal Chemistry, Bordeaux, France, 30 June - 02 July 2004
- L. Synthesis and Anticonvulsant Activity of New Mannich Bases of Hydroxypyranones**
AYTEMİR M., Çalış Ü.
Fourth International Symposium on Pharmaceutical Chemistry, İstanbul, Turkey, 17 - 19 September 2003
- LI. Design of New 3-Hydroxy-N-substituted pyridin-4(1H)-one Chelators with pKa and pFe3 Values**
AYTEMİR M., Hicham K., Hider R.
13th European Symposium on Organic Chemistry ESOC 13, Cavtat, Croatia, 10 - 15 September 2003
- LII. Synthesis of New Mannich Bases Derived from 3-Hydroxy-6-methyl-4H-pyran-4-one**
AYTEMİR M.
13th European Symposium on Organic Chemistry ESOC 13, Cavtat, Croatia, 10 - 15 September 2003
- LIII. Synthesis and Evaluation of Antimicrobial Activity of Some New Arylhexahydropyrimidine-2,4-dione Derivatives**
Çalış Ü., AYTEMİR M., Septioğlu E., Özalp M.
Second Joint French-Swiss Meeting on Medicinal Chemistry Conference, Actualités de Chimie Thérapeutique,

Beaune, 1 - 04 July 2003

- LIV. **New Hydroxy-4H-pyran-4-one Derivatives with Anticonvulsant Activity**
AYTEMİR M., Çalış Ü.
Second Joint French-Swiss Meeting on Medicinal Chemistry Conference, Beaune, France, 1 - 04 July 2003
- LV. **Synthesis and Evaluation of Novel Mannich Bases of Hydroxy-4H-pyran-4-ones with Anticonvulsant Activity**
AYTEMİR M., Çalış Ü.
7th International Symposium on Pharmaceutical Sciences ISOPS-6, Ankara, Turkey, 24 - 27 June 2003
- LVI. **Synthesis and Antimicrobial Activity of Some New Hydroxypyridinones**
AYTEMİR M., Hider R., Özalp M.
7th International Symposium on Pharmaceutical Sciences ISOPS-6, Ankara, Turkey, 24 - 27 June 2003
- LVII. **Synthesis and Evaluation of Antimicrobial Activity of Some New 6-Phenylhexahydropyrimidine-2,4-dione Derivatives**
AYTEMİR M., Septioğlu E., Çalış Ü., Özalp M.
7th International Symposium on Pharmaceutical Sciences ISOPS-6, Ankara, Turkey, 24 - 27 June 2003
- LVIII. **Synthesis and Anticonvulsant Activity of New 3-Hydroxy-6-methyl-2-substituted-4(1H)-pyranone Derivatives**
AYTEMİR M., Çalış Ü.
European Journal of Pharmaceutical Sciences (EUFEPS), Stockholm, Sweden, 20 October 2002
- LIX. **Synthesis and Anticonvulsant Activity of Novel 3-Hydroxy-6-methyl-2-(piperidin-1-yl)methyl-4(1H)-pyranone Derivatives**
AYTEMİR M., Çalış Ü.
1st International Meeting on Medicinal and Pharmaceutical Chemistry IMMPC-1, Ankara, Turkey, 25 - 28 September 2002
- LX. **Synthesis and Antinociceptive Activities of New Non-narcotic Agents of Hydroxy-N-substituted-4(1H)-pyridinone Derivatives**
AYTEMİR M., UZBAY İ. T., Erol D. D.
XVII th International Symposium on Medicinal Chemistry, Barselona, Spain, 1 - 05 September 2002
- LXI. **Synthesis and Antimicrobial Activity of New Mannich Derivatives of 3-Hydroxy-6-methyl-4(1H)-pyranone**
AYTEMİR M., Özalp M.
XVII th International Symposium on Medicinal Chemistry, Barselona, Spain, 1 - 05 September 2002
- LXII. **Synthesis of Some 1-(2-Naphthyl)-2-(1,2,4-triazole-1-yl)ethanone Oxime Ether Derivatives and Their Anticonvulsant activities**
DALKARA S., AYTEMİR M., KARAKURT A.
XVII th International Symposium on Medicinal Chemistry, Barselona, Spain, 1 - 05 September 2002
- LXIII. **Synthesis and Antimicrobial Activity of Some New N-substituted carbamodithioic acid 3-ethyl-6-phenylhexahydropyrimidine-2,4-dione esters**
AYTEMİR M., Çalış Ü., Özalp M.
XVII th International Symposium on Medicinal Chemistry, Barselona, Spain, 1 - 05 September 2002, vol.27, pp.208
- LXIV. **Synthesis and New Antimicrobial Agents of 6-Methyl-2-substituted-4(1H)-pyranone Derivatives**
AYTEMİR M., Erol D. D., Hider R., Özalp M.
Third International Symposium on Pharmaceutical Chemistry, İstanbul, Turkey, 17 - 19 September 2001
- LXV. **Synthesis and Antimicrobial Activity of New Mannich Bases of 6-Acylbenzothiazole-2-thiones**
AYTEMİR M., ÖZKANLI F., Erol D. D., EKİZOĞLU M., Özalp M.
Third International Symposium on Pharmaceutical Chemistry, İstanbul, Turkey, 17 - 19 September 2001
- LXVI. **Synthesis and Analgesic Activity of New Ketoprofen Derivatives**
BERK B., AYTEMİR M., ÖZKANLI F., Erol D. D., UZBAY İ. T.
Third International Symposium on Pharmaceutical Chemistry, İstanbul, Turkey, 17 - 19 January 2001
- LXVII. **Synthesis and Biological Evaluation of N-Substitutedpyridin-4-thiones.**
AYTEMİR M., Hider R., Erol D. D., Özalp M.

- XVI th International Symposium on Medicinal Chemistry, Bologna, Italy, 18 - 22 September 2000
- LXVIII. **Design, Synthesis and Evaluation of N-Substituted-3-hydroxypyridin-4-ones with Antimicrobial Activities**
AYTEMİR M., Hider R., Erol D. D. , Özalp M.
XVI th International Symposium on Medicinal Chemistry, Bologna, Italy, 18 - 22 September 2000
- LXIX. **Synthesis of New Antimicrobial Agents 6-Aromaticamide-4-pyridinone and 4-Pyrone Derivatives**
AYTEMİR M., Erol D. D. , Hider R., Özalp M., EKİZOĞLU M.
6th International Symposium on Pharmaceutical Sciences ISOPS-6, Ankara, Turkey, 27 - 29 June 2000
- LXX. **Investigation of New Antimicrobial Agents**
AYTEMİR M., Erol D. D. , Hider R., Özalp M.
Second International Symposium on Pharmaceutical Chemistry, Ankara, Turkey, 22 - 24 September 1999
- LXXI. **Synthesis of Some New Pyrazoline Derivatives with Biological Activities**
Öztürk G., AYTEMİR M., UZBAY İ. T. , PALASKA E., Erol D. D.
First International Symposium on Pharmaceutical Chemistry, Ankara, Turkey, 24 - 26 September 1997
- LXXII. **New 4-Pyridone Derivatives as Analgesic Agents**
AYTEMİR M., UZBAY İ. T. , Erol D. D.
First International Symposium on Pharmaceutical Chemistry, P-036, Ankara, Turkey, Ankara, Turkey, 24 - 26 September 1997
- LXXIII. **Some New 4-Pyridone Derivatives as Dopaminergic Agents**
Erol D. D. , AYTEMİR M., Demirdamar R.
First International Meeting on Pharmacy Pharmaceutical Science, İstanbul, Turkey, 4 - 07 September 1994
- LXXIV. **Analgesic and Antiinflammatory Effects of New Substituted 4-Pyridone Derivatives**
Erol D. D. , AYTEMİR M., Hider R., Demirdamar R.
3rd International Conference on Lipid Mediators in Heath Disease (LMHD), Jarusalem, Israel, 31 October - 04 November 1993
- LXXV. **3,5-Disübstitüe-İsoksazolidin Türevleri Üzerinde Sentez Çalışmaları ve Antifungal Etkinliklerinin Araştırılması**
Erol D. D. , AYTEMİR M.
IX. Kimya ve Kimya Mühendisliği Sempozyumu, Trabzon, Turkey, 1 - 03 September 1993

Supported Projects

- AYTEMİR M., ERCAN A., Adak T., Project Supported by Higher Education Institutions, Kojik Asit Türevi Bileşiklerin Tasarımı, Sentezi ve Melanoma Hücrelerine Karşı Sitotoksiteleri ile Tirozinaz İnhibisyonu Etkilerinin Değerlendirilmesi, 2018 - 2019
- AYTEMİR M., KARAKAYA G., ŞENOL F., ÖZÇELİK B., ORHAN İ. E. , Project Supported by Higher Education Institutions, Kojic Acid Derived Mannich Bases with Biological Effect US Biyolojik Etkili Kojik Asit Türevi Mannich Bazları, 2017 - 2019
- AYTEMİR M., ORHAN İ. E. , ÖZÇELİK B., ŞENOL F. S. , KARAKAYA G., Project Supported by Higher Education Institutions, Biyolojik Etkili Kojik Asit Türevi Mannich Bazları-EP, 2017 - 2019
- AYTEMİR M., ÖZÇELİK B., ERDOĞAN ORHAN İ., ŞENOL F. S. , Project Supported by Higher Education Institutions, BİYOLOJİK ETKİLİ KOJİK ASİT TÜREVİ MANNİCH BAZLARI, 2016 - 2019
- AYTEMİR M., ERCAN A., Project Supported by Higher Education Institutions, Klorokojik Asit Türevi Mannich Bazının A375 İnsan Malin Melanoma Hücreleri Üzerine Sitotoksik Etkilerinin Aydınlatılmasında Genomik Yaklaşımlar, 2018 - 2018
- AYTEMİR M., TUBITAK Project, Cilt Lekelerine Etkili Kojik Asit Türevi Dermokozmetik Ürünlerin Hazırlanması, 2016 - 2018
- AYTEMİR M., Project Supported by Higher Education Institutions, Kojik Asit Türevinin A375 İnsan Malin Melanoma ve HGF1 Fibroblast Hücreleri Üzerine Sitotoksitesisi, 2017 - 2017
- AYTEMİR M., Project Supported by Higher Education Institutions, Kamu ÜniversiteSanayi İşbirliği Kapsamında Araştırma Geliştirme (Ar-Ge) Çalışmalarının Ticarileştirilmesi ve Patentle Korunması, 2017 - 2017

AYTEMİR M., Project Supported by Higher Education Institutions, Farmasötik Kimyada AraştırmaGeliştirme ArGe Patentleşme ve Ticarileşme Faaliyetleri, 2016 - 2017

ERCAN A., AYTEMİR M., TUBITAK Project, Yeni Mannich Bazlarının Tirozinaz İnhibitörü Etkileri ve A375 İnsan Melanoma Hücreleri Üzerine Hücre Canlılıklarının Değerlendirilmesi, 2016 - 2017

AYTEMİR M., Project Supported by Higher Education Institutions, Tirozinaz İnhibitörlerine Yeni Yaklaşımlar: Kojik Asit Türevlerinin Mannich Bazları, 2016 - 2016

AYTEMİR M., Project Supported by Higher Education Institutions, Kojik asit Türevi Mannich Bazlarının Antioksidan Aktiviteleri, 2016 - 2016

AYTEMİR M., ERCAN A., Karakaya G., Project Supported by Higher Education Institutions, Allomaltol Türevi Yeni Mannich Bazlarının Sentezi ve Tirozinaz İnhibitörü Etkilerinin Değerlendirilmesi, 2015 - 2016

AYTEMİR M., TUBITAK Project, Kojik Asit Türevi Mannich Bazlarının Tasarımı Sentezi Antimikobakteriyal ve Antidermatofitik Aktivitelerinin Sitotoksiteleri ile Birlikte Değerlendirilmesi, 2014 - 2014

Citations

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Awards

AYTEMİR M., IFIA Best Academic Invention Medal, International Federation of Inventors' Associations (IFIA), September 2018

AYTEMİR M., 2nd İstanbul International Inventions Fair Invention, R&D and Innovation, Türk Patent ve Marka Kurumu, March 2017

AYTEMİR M., 2009-2010 Hacettepe Üniversitesi Tıp ve Sağlık Bilimleri-Bilimde Teşvik Ödülü, Hacettepe Üniversitesi, July 2010

AYTEMİR M., L'Oréal Türkiye Genç Bilim Kadınlarına Bursu Programı Yaşam Bilimleri 2007 Ödülü, L'Oréal-TUBA, January 2007

AYTEMİR M., 2006 Türk Eczacıları Birliği Eczacılık Akademisi teşvik ödülü, Türk Eczacıları Birliği, May 2006