

## Assoc. Prof. MURAT KADİR ŞÜKÜROĞLU

### Personal Information

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### Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasotik Kimya (Dr), Turkey 1998 - 2004

Postgraduate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasotik Kimya (YI) (Tezli), Turkey 1995 - 1998

Undergraduate, Gazi University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 1990 - 1995

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Bazı 4,6-disübstitüe-3(2H)-piridazinon türevi bileşiklerin sentezi ve analjezik etkilerinin incelenmesi, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasotik Kimya (Dr), 2004

Postgraduate, Merkaptoasetik Asit'xxin beta-nitrostirenlerle verdiği katılma ürünlerinin sentezi ve antimikrobiyal aktivitelerinin incelenmesi, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasotik Kimya (YI) (Tezli), 1998

### Research Areas

Health Sciences

### Academic Titles / Tasks

Associate Professor, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2014 - Continues

Lecturer PhD, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2006 - 2014

Research Assistant, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 1995 - 2006

### Academic and Administrative Experience

Gazi University, Eczacılık Fakültesi, 2016 - 2018

### Advising Theses

ŞÜKÜROĞLU M. K. , Sanal Tarama Yöntemi ile Ulaşılan P2Y12 İnhibitörü Öncü Bileşiklerin Kimyasal Modifikasyonu ile Yeni Türevlerin Sentezi ve Biyolojik Etkilerinin Araştırılması, Doctorate, M.VEHBİ(Student), 2020

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **The potential of 4-aryl-6-morpholino-3(2H)-pyridazinone-2-arylpiperazinyacetamide as a new scaffold for SIRT2 inhibition: in silico approach guided by pharmacophore mapping and molecular docking**  
ŞÜKÜROĞLU M. K. , GÖZELLE M., ÖZKAN Y., EREN G.  
MEDICINAL CHEMISTRY RESEARCH, 2021 (Journal Indexed in SCI)
- II. **Synthesis and bioactivities of pyrazoline benzensulfonamides as carbonic anhydrase and acetylcholinesterase inhibitors with low cytotoxicity**  
Ozgun D. O. , GÜL H. İ. , YAMALI C., Sakagami H., GÜLÇİN İ., Sukuroglu M. K. , Supuran C. T.  
BIOORGANIC CHEMISTRY, vol.84, pp.511-517, 2019 (Journal Indexed in SCI)
- III. **Evaluation of Tryptophan/Kynurenine Pathway Relevance With Immune System Biomarkers of Low Energy Trauma Hip Fractures in Osteoporotic Patients**  
Dincel E., ÖZKAN Y., Sukuroglu M. K. , Ozsoy H., SEPİCİ DİNÇEL A.  
ARCHIVES OF RHEUMATOLOGY, vol.32, no.3, pp.203-208, 2017 (Journal Indexed in SCI)
- IV. **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., ŞÜKÜROĞLU M. K. , DOĞRUER D. S.  
MEDICINAL CHEMISTRY RESEARCH, vol.24, no.3, pp.1210-1217, 2015 (Journal Indexed in SCI)
- V. **Crystal Structure and Vibrational Spectra of 3-Chloro-4-Phenyl-6-(Morpholine-4-yl)-Pyridazine by Hartree-Fock and Density Functional Methods**  
AYDIN A., ARSLAN H., Sukuroglu M. K. , AKKURT M., BÜYÜKGÜNGÖR O.  
MOLECULAR CRYSTALS AND LIQUID CRYSTALS, vol.606, no.1, pp.216-236, 2015 (Journal Indexed in SCI)
- VI. **Synthesis and Cytotoxic Activities of a Curcumin Analogue and Its bis-Mannich Derivatives**  
Yerdelen K. O. , GÜL H. İ. , Sakagami H., Umemura N., Sukuroglu M. K.  
LETTERS IN DRUG DESIGN & DISCOVERY, vol.12, no.8, pp.643-649, 2015 (Journal Indexed in SCI)
- VII. **Synthesis of new N,N '-bis[1-aryl-3-(piperidine-1-yl)propylidene]hydrazine dihydrochlorides and evaluation of their cytotoxicity against human hepatoma and breast cancer cells**  
Kucukoglu K., GÜL H. İ. , Cetin-Atalay R., Baratlı Y., Charles A., Sukuroglu M. K. , GÜL M., Geny B.  
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.29, no.3, pp.420-426, 2014 (Journal Indexed in SCI)
- VIII. **Relation of Kynurenine/Tryptophan with Immune and Inflammatory Markers in Coronary Artery Disease**  
ÖZKAN Y., ŞÜKÜROĞLU M. K. , Tulmac M., KISA Ü., Simsek B.  
CLINICAL LABORATORY, vol.60, no.3, pp.391-396, 2014 (Journal Indexed in SCI)
- IX. **Synthesis of Some New 3(2H)-Pyridazinone Derivatives and Evaluation of their Analgesic-anti-inflammatory and Antimicrobial Activities**  
Sukuroglu M. K. , Yamali C., Tiryaki D., Onurdag F. K. , AKKOL E., DOĞRUER D. S.  
LETTERS IN DRUG DESIGN & DISCOVERY, vol.10, no.6, pp.507-514, 2013 (Journal Indexed in SCI)
- X. **Synthesis of some new 2,6-disubstituted-3(2H)-pyridazinone derivatives and investigation of their analgesic, anti-inflammatory and antimicrobial activities**  
Tiryaki D., Sukuroglu M. K. , DOĞRUER D. S. , AKKOL E., Ozgen S., Sahin M. F.  
MEDICINAL CHEMISTRY RESEARCH, vol.22, no.6, pp.2553-2560, 2013 (Journal Indexed in SCI)
- XI. **In vivo and in vitro antidiabetic effect of Cistus laurifolius L. and detection of major phenolic compounds by UPLC-TOF-MS analysis**  
Orhan N., ASLAN M., Sukuroglu M. K. , DELİORMAN ORHAN D.  
JOURNAL OF ETHNOPHARMACOLOGY, vol.146, no.3, pp.859-865, 2013 (Journal Indexed in SCI)
- XII. **UPLC-TOF-MS analysis of Galium spurium towards its neuroprotective and anticonvulsant activities**  
Orhan N., DELİORMAN ORHAN D., ASLAN M., Sukuroglu M. K. , ERDOĞAN ORHAN İ.  
JOURNAL OF ETHNOPHARMACOLOGY, vol.141, no.1, pp.220-227, 2012 (Journal Indexed in SCI)
- XIII. **Synthesis and in vitro Biological Activity of New 4,6-Disubstituted 3(2H)-Pyridazinone-**

### **acetohydrazide Derivatives**

Sukuroglu M. K. , ÖNKOL T., Onurdag F. K. , AKALIN ÇİFTÇİ G., Sahin M. F.

ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.67, pp.257-265, 2012 (Journal Indexed in SCI)

- XIV. **Simultaneous Determination of Paracetamol, Phenylephrine Hydrochloride, Oxolamine Citrate and Chlorpheniramine Maleate by HPLC in Pharmaceutical Dosage Forms**  
Pirol O., Sukuroglu M. K. , Ozden T.  
E-JOURNAL OF CHEMISTRY, vol.8, no.3, pp.1275-1279, 2011 (Journal Indexed in SCI)
- XV. **2-[2-[4-(4-Fluorophenyl)piperazin-1-yl]-2-oxoethyl]-6-(morpholin-4-yl)-4-phenylpyridazin-3(2H)-one**  
AYDIN A., Sukuroglu M. K. , AKKURT M., BÜYÜKGÜNGÖR O.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.67, 2011 (Journal Indexed in SCI)
- XVI. **Screening and evaluation of antioxidant activity of some pyridazine derivatives**  
Caliskan-Erguen B., Suekueroglu M. K. , ÇOBAN T., BANOĞLU E., SÜZEN S.  
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.23, no.2, pp.225-229, 2008 (Journal Indexed in SCI)
- XVII. **Synthesis of the amide derivatives of 3-[1-(3-pyridazinyl)-5-phenyl-1H-pyrazole-3-yl]propanoic acids as potential analgesic compounds**  
BANOĞLU E., Sukuroglu M. K. , Ergun B., BAYTAŞ S., Aypar E., Aark M.  
TURKISH JOURNAL OF CHEMISTRY, vol.31, no.6, pp.677-687, 2007 (Journal Indexed in SCI)
- XVIII. **Screening and evaluation of rat kidney aldose reductase inhibitory activity of some pyridazine derivatives**  
Suekueroglu M. K. , Calikan-Erguen B., Das-Evcimen N., Sarikaya M., BANOĞLU E., Suzen S.  
MEDICINAL CHEMISTRY RESEARCH, vol.15, pp.443-451, 2007 (Journal Indexed in SCI)
- XIX. **Synthesis and analgesic activity of some 4,6-disubstituted-3(2H)-pyridazinone derivatives**  
Sukuroglu M. K. , Kupeli E., BANOĞLU E., Unlu S., Yesilada E., Sahin M. F.  
ARZNEIMITTELFORSCHUNG-DRUG RESEARCH, vol.56, no.5, pp.337-345, 2006 (Journal Indexed in SCI)
- XX. **Synthesis, analgesic, and anti-inflammatory activities of [6-(3,5-dimethyl-4-chloropyrazole-1-yl)-3(2H-pyridazinon-2-yl)]acetamides**  
Sukuroglu M. K. , Ergun B., Unlu S., Sahin M., Kupeli E., Yesilada E., BANOĞLU E.  
ARCHIVES OF PHARMACAL RESEARCH, vol.28, no.5, pp.509-517, 2005 (Journal Indexed in SCI)

### **Articles Published in Other Journals**

- I. **In vitro antidiabetic effect, quantitative studies and UPLC-TOF-MS analysis of black tea samples from Turkish market**  
Orhan N., Ekin H. N. , ŞÜKÜROĞLU M. K. , ASLAN M.  
JOURNAL OF RESEARCH IN PHARMACY, vol.23, no.3, pp.484-497, 2019 (Journal Indexed in ESCI)
- II. **Release Pattern of Liposomal Bupivacaine in Artificial Cerebrospinal Fluid**  
Duzlu A. U. , Gunaydin B., ŞÜKÜROĞLU M. K. , Degim I. T.  
TURKISH JOURNAL OF ANAESTHESIOLOGY AND REANIMATION, vol.44, no.1, pp.1-6, 2016 (Journal Indexed in ESCI)
- III. **Crystal structure of 4-(4-chlorophenyl)-6-(morpholin-4-yl)pyridazin-3(2H)-one**  
AYDIN A., AKKURT M., Sukuroglu A., BÜYÜKGÜNGÖR O.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.71, pp.944-951, 2015 (Journal Indexed in ESCI)

### **Books & Book Chapters**

**I. Reseptörler: Yapı ve İşlevi**

ŞÜKÜROĞLU M. K. , ÖZKAN Y.

in: Medisinal Kimya Giriş, Prof. Dr. Öztekin Algül, Editor, Ankara Nobel Tıp Kitapevleri, Ankara, pp.44-60, 2021

**Refereed Congress / Symposium Publications in Proceedings**

- I. İrbesartan Amlodipine ve Hidroklorotiyazid in UPLC Yöntemi ile Tayini**  
ŞÜKÜROĞLU M. K. , ÖNKOL T., ÖZDEN S. T.  
3. İlaç Kimyası Kongresi, Antalya, Turkey, 20 - 22 March 2015
- II. UPLC Yöntemi İle İrbesartan, Amlodipin ve Hidroklorotiyazid' in Eş Zamanlı Tayini ve Yöntem Validasyonu**  
KALIN T. N. , ŞÜKÜROĞLU M. K. , CAN A., ÖNKOL T., ER E., ÖZDEN S. T.  
4. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 17 - 20 March 2016
- III. THE EFFECTS OF INFLIXIMAB AND 3 AMINOBENZAMIDE ONINDOLAMINE 2 3 DIOXYGENASE IDO ENZYMEIN TNBS INDUCED COLITIS MODEL**  
Bostancı Eker N., Sepici Dinçel A., Şüküroğlu M. K. , Menekşe E., Dolapçı M., Cengiz Ö., Özkan Y.  
INTERNATIONAL GAZI PHARMA SYMPOSIUM, Antalya, Turkey, 12 - 15 November 2015, pp.137
- IV. Analytical Method Development and Validation For Simultaneous Determination of Irbesartan Amlodipinhydrochlorothiazide by UPLC**  
KALIN T., ŞÜKÜROĞLU M. K. , CAN A., ÖNKOL T., ER E., ÖZDEN S. T.  
1st International Gazi Pharma Symposium Series (GPSS-2015), 12 - 15 November 2015
- V. A New UPLC Method for the simultaneous determination of irbesartan amlodipine and hydrochloride 22 nd Young Research Fellows Meetings 4 6 February 2015 Paris France**  
NURİYE TUĞÇE K., ŞÜKÜROĞLU M. K. , ÖZDEN S. T. , ÖNKOL T., ER E., CAN A.  
22 nd Young Research Fellows Meetings, Paris, France, 20 - 22 February 2015
- VI. A New UPLC Method for the Simultaneous Determination of Irbesartan Amlodipine and Hydrochlorthiazide**  
KALIN T. N. , ŞÜKÜROĞLU M. K. , CAN A., ÖNKOL T., ER E., ÖZDEN S. T.  
22 nd Research Fellows Meeting, 4 - 06 February 2015
- VII. Synthesis of Some 3(2H)-Pyridazinone and 1(2H)-Phthalazinone Derivatives Incorporating Aminothiazole Moiety and Investigation of Their Antioxidant, Acetylcholinesterase and Butyrylcholinesterase Inhibitory Activities.**  
DOĞRUER D. S. , YAMALI C., KILIÇ B., OLĞAÇ S., ŞÜKÜROĞLU M. K.  
XXIII International Symposium on Medicinal Chemistry (EFMC-ISMC2014), Lizbon, Portugal, 7 - 11 September 2014
- VIII. THE EVALUATION OF THE TRYPTOPHAN AND KYNURENINE PATHWAY IN OSTEOPOROTIC HIP FRACTURES**  
Dincel E. V. , Ozkan Y., Sukuroglu M. K. , Dincel A. S. , Ozsoy H. M. , Sepici V.  
World Congress on Osteoporosis, Osteoarthritis and Musculoskeletal Diseases, Sevilla, Spain, 2 - 05 April 2014, vol.25
- IX. Release pattern of liposomal bupivacaine in artificial cerebrospinal fluid**  
DÜZLÜ A., GÜNAYDIN D. B. , ŞÜKÜROĞLU M. K. , DEĞİM İ. T.  
SOAP 45th Annual Meeting, 24 - 28 April 2013
- X. Tryptophan degradation, neopterin levels and myeloperoxidase activity in patients with coronary artery disease**  
Ozkan Y., Sukuroglu M. K. , Tulmac M., Simsek B.  
36th FEBS Congress of the Biochemistry for Tomorrows Medicine, Torino, Italy, 25 - 30 June 2011, vol.278, pp.290

## Supported Projects

- ŞÜKÜROĞLU M. K. , Project Supported by Higher Education Institutions, 4,6-Disubstitue-3(2H)-Piridazinon Türevi Schiff Bazlarının Sentezi ve Biyolojik Aktivitelerinin İncelenmesi, 2009 - Continues
- ŞÜKÜROĞLU M. K. , Project Supported by Higher Education Institutions, Yeni 3 (2H)-Piridazinon türevlerinin sentezi ve analjezik ve antienflamuar aktivitelerinin incelenmesi, 2005 - Continues
- ŞÜKÜROĞLU M. K. , Project Supported by Higher Education Institutions, N-ASETİLSİSTEN ETKEN MADDESİNİN DMF (ANA İLAÇ DOSYASI) DOSYASININ HAZIRLANMASI, 2012 - 2015
- ŞÜKÜROĞLU M. K. , Project Supported by Higher Education Institutions, Yeni 6-Aril-2-Substitue-3(2H)-Piridazinon Türevi Bileşiklerin Sentezi ve Kolinesteraz İnhibitör Etkilerinin Araştırılması, 2011 - 2013
- ŞÜKÜROĞLU M. K. , Project Supported by Higher Education Institutions, 2-Substitue-3(2H)-Piridazinon Türevi Bileşiklerin Sentezi ve Biyolojik Etkilerinin İncelenmesi, 2010 - 2013

## Citations

Total Citations (WOS):310

h-index (WOS):12