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International Researcher IDs

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Education Information

Doctorate, Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, Turkey 2005 - 2011

Postgraduate, Marmara University, Institute of Health Sciences, Farmasötik Kimya (YI) (Tezli), Turkey 2002 - 2005

Undergraduate, Marmara University, Faculty of Pharmacy, Eczacılık Pr., Turkey 1998 - 2002

Dissertations

Doctorate, Etodolak üzerinden heterosiklik bileşiklerin sentezi, hepatit-C NS5B polimeraz inhibitörü ve antikanser aktivitelerinin araştırılması, Marmara Üniversitesi, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 2011

Postgraduate, N-Metil Anilinden Türeyen Bazı Triazenlerin Sentezi ve Yapılarının Aydınlatılması, Marmara Üniversitesi, Institute of Health Sciences, Farmasötik Kimya (YI) (Tezli), 2005

Research Areas

Pharmaceutical Chemistry

Academic Titles / Tasks

Assistant Professor, Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 2013 - Continues

Lecturer PhD, Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 2012 - 2013

Research Assistant, Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 2010 - 2012

Research Assistant, Marmara University, Institute of Health Sciences, Department of Professional Pharmaceutical Sciences, 2006 - 2010

Courses

FARMASÖTİK KİMYA-2, Undergraduate, 2019 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Recent Progress on Apoptotic Activity of Triazoles**
Cikla-Suzgun P., Kucukguzel S. G.
CURRENT DRUG TARGETS, vol.22, no.16, pp.1844-1900, 2021 (SCI-Expanded)
- II. **Recent advances in apoptosis: The role of Hydrazones**
Cikla-Suzgun P., KÜÇÜKGÜZEL Ş. G.
Mini-Reviews in Medicinal Chemistry, vol.19, no.17, pp.1427-1442, 2019 (SCI-Expanded)
- III. **Effect of etodolac hydrazone, a new compound synthesised from etodolac, on spermatozoon quality, testicular lipid peroxidation, apoptosis and spermatozoon DNA integrity**
Sariozkan S., Turk G., Cikla-Suzgun P., Guvenc M., Yuce A., Yay A. H., Canturk F., Kucukguzel Ş. G.
Andrologia, vol.48, no.2, pp.177-188, 2016 (SCI-Expanded)
- IV. **Synthesis of Tolmetin Hydrazide-Hydrazones and Discovery of a Potent Apoptosis Inducer in Colon Cancer Cells**
KÜÇÜKGÜZEL Ş. G., Koc D., Cikla-Suzgun P., ÖZSAVCI D., BİNGÖL ÖZAKPINAR Ö., MEGA TİBER P., ORUN O., Erzincan P., Sag-Erdem S., ŞAHİN F.
Archiv der Pharmazie, vol.348, no.10, pp.730-742, 2015 (SCI-Expanded)
- V. **Anti-cancer and anti-hepatitis C virus NS5B polymerase activity of etodolac 1,2,4-triazoles**
Cikla-Suzgun P., Kaushik-Basu N., Basu A., Arora P., Talele T. T., Durmaz I., Cetin-Atalay R., KÜÇÜKGÜZEL Ş. G.
Journal of Enzyme Inhibition and Medicinal Chemistry, vol.30, no.5, pp.778-785, 2015 (SCI-Expanded)
- VI. **Recent advances bioactive 1,2,4-triazole-3-thiones**
KÜÇÜKGÜZEL Ş. G., Cikla-Suzgun P.
European Journal of Medicinal Chemistry, vol.97, no.1, pp.830-870, 2015 (SCI-Expanded)
- VII. **Synthesis and characterization of flurbiprofen hydrazide derivatives as potential anti-HCV, anticancer and antimicrobial agents**
Cikla P., TATAR E., KÜÇÜKGÜZEL İ., ŞAHİN F., Yurdakul D., Basu A., Krishnan R., Nichols D. B., Kaushik-Basu N., KÜÇÜKGÜZEL Ş. G.
Medicinal Chemistry Research, vol.22, no.12, pp.5685-5699, 2013 (SCI-Expanded)
- VIII. **Synthesis, cytotoxicity, and pro-apoptosis activity of etodolac hydrazide derivatives as anticancer agents**
Cikla P., ÖZSAVCI D., BİNGÖL ÖZAKPINAR Ö., ŞENER A., Cevik O., ÖZBAŞ TURAN S., Akbuga J., ŞAHİN F., KÜÇÜKGÜZEL Ş. G.
Archiv der Pharmazie, vol.346, no.5, pp.367-379, 2013 (SCI-Expanded)
- IX. **Etodolac thiosemicarbazides: A novel class of hepatitis C virus NS5B polymerase inhibitors Etodolak tiyosemikarbazitleri: Yeni bir sınıf hepatit c virüsü ns5b polimeraz inhibitörleri**
Çikla P., Arora P., Basu A., Talele T. T., Kaushik-Basu N., KÜÇÜKGÜZEL Ş. G.
Marmara Pharmaceutical Journal, vol.17, no.2, pp.138-146, 2013 (SCI-Expanded)
- X. **Synthesis and characterization of triazenes derived from sulfonamides Sülfonamitlerden türeyen triazenlerin sentezi ve karakterizasyonu**
Ünsalan S., Çikla P., Güniz Küçükgül Ş., Rollas S., Şahin F., Faruk Bayrak Ö.
Marmara Pharmaceutical Journal, vol.15, no.1, pp.11-17, 2011 (SCI-Expanded)
- XI. **Synthesis and evaluation of antiviral, antitubercular and anticancer activities of some novel thioureas derived from 4-aminobenzohydrazide hydrazones 4-Aminobenzohidrazit hidrazonlarından türetilmiş bazı yeni tiyöürelere sentezi, antiviral, antitüberküler ve antikanser etkilerinin değerlendirilmesi**
ÇIKLA P., KÜÇÜKGÜZEL Ş. G., KÜÇÜKGÜZEL İ., ROLLAS S., DE CLERCQ E., PANNECOUQUE C., ANDREI G., SNOECK R., ŞAHİN F., BAYRAK Ö. F.
Marmara Pharmaceutical Journal, vol.14, no.1, pp.13-20, 2010 (SCI-Expanded)

Articles Published in Other Journals

- I. **Synthesis and biological evaluation of new 4-thiazolidinone derivatives of flurbiprofen**

Suzgun P., ŞENKARDEŞ S., Gurboga M., BİNGÖL ÖZAKPINAR Ö., Kucukguzel S. G.

ORGANIC COMMUNICATIONS, vol.16, no.1, pp.11-23, 2023 (ESCI)

II. Anti-Cancer Activity of Etodolac and Its Derivatives on Prostate and Colorectal Cancer Cell Lines

Koçyiğit Sevinç S., Orun O., Mega Tiber P., Süzgün P., Küçükgülzel Ş. G.

PROCEEDINGS (MDPI), vol.2, pp.1573, 2018 (Peer-Reviewed Journal)

III. Synthesis of some new triazene and diazene derivatives and in vitro evaluation of preliminary antitumor activities

Çikla P., Rollas S.

Fabad Journal of Pharmaceutical Sciences, vol.32, no.1, pp.33-40, 2007 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

I. Apoptotic effect of etodolac and its derivative on breast cancer cell line

KOÇYİĞİT SEVİNÇ S., ORUN O., MEGA TİBER P., SÜZGÜN P., KÜÇÜKGÜZEL Ş. G.

International Congress on Biological and Medical Sciences 2018, Niğde, Turkey, 31 October - 03 November 2018

II. Selektif COX-2 inhibitörlerinin antikanser etkinlikteki yeri

SÜZGÜN P.

." 2. Ulusal Marmara Eczacılık Kongresi, Turkey, 14 November - 16 December 2018

III. Anti-Cancer Activity of Etodolac and Its Derivatives on Prostate and Colorectal Cancer Cell Lines

KOÇYİĞİT SEVİNÇ S., ORUN O., MEGA TİBER P., SÜZGÜN P., KÜÇÜKGÜZEL Ş. G.

The 2nd International cell Death Research congress, 1 - 04 November 2018

IV. Investigation of apoptotic gene expressions for two novel hydrazide derivatives of etodolac in K562 leukemia cell line

MEGA TİBER P., ORUN O., KILINÇ O., SÜZGÜN P., KÜÇÜKGÜZEL Ş. G.

30th Annual Biophysics Congress (International), 10 - 13 October 2018

V. Apoptotic Effect of Etodolac and its derivatives on Breast Cancer Cell line

KOÇYİĞİT SEVİNÇ S., ORUN O., MEGA TİBER P., SÜZGÜN P., KÜÇÜKGÜZEL Ş. G.

International Meeting on Education and Research in Health Sciences, 3 - 05 November 2017

VI. Etodolak ve Türevlerinin Prostat Kanseri Hücre Hattı Üzerine Sitotoksik Etkisi

KOÇYİĞİT SEVİNÇ S., ORUN O., MEGA TİBER P., SÜZGÜN P., KÜÇÜKGÜZEL Ş. G.

28-29. Ulusal Biyofizik Kongresi, Turkey, 6 - 09 September 2017

VII. Cytotoxic effect of etodolac and its derivatives on prostate cancer cell line

KOÇYİĞİT SEVİNÇ S., ORUN O., MEGA TİBER P., SÜZGÜN P., KÜÇÜKGÜZEL Ş. G.

28-29. Ulusal Biyofizik Kongresi, İstanbul, Turkey, 6 - 09 September 2017

VIII. Apoptoz üzerine etkili hidrazon türevleri

SÜZGÜN P., HAN İ., KÜÇÜKGÜZEL Ş. G.

IVEK 3RD International Convention of Pharmaceuticals And Pharmacies, 26 - 29 April 2017

IX. APOPTOZ ÜZERİNE ETKİLİ HİDRAZON TÜREVLERİ

SÜZGÜN P., HAN M. İ., KÜÇÜKGÜZEL Ş. G.

3. İLAÇ VE ECZACILIK KONGRESİ, 26 - 29 April 2017

X. Antikanser etkili heterosiklik bileşikler

KÜÇÜKGÜZEL Ş. G., ŞENKARDEŞ S., SÜZGÜN P., Yılmaz Ö., Çoruh İ., COŞKUN G. P., Dadaş Y., Koç D.

1. Ulusal Marmara Eczacılık Kongresi, Turkey, 3 - 05 November 2016

XI. HCV NS5B inhibisyonu yapan yeni heterosiklik bileşikler.

KÜÇÜKGÜZEL Ş. G., ŞENKARDEŞ S., SÜZGÜN P., Yılmaz Ö., Çoruh İ., COŞKUN G. P., Dadaş Y., Koç D.

1. Ulusal Marmara Eczacılık Kongresi, Turkey, 3 - 05 November 2016

XII. Effects of etodolac derivative compound, SGK 216, on oxidative stress-induced cell apoptosis in human leukemia cell line

MEGA TİBER P., KOÇYİĞİT SEVİNÇ S., SÜZGÜN P., KÜÇÜKGÜZEL Ş. G., ORUN O.

6th World Congress of Oxidative Stress Calcium Signaling and TRP Channels, Isparta, Turkey, 24 - 27 May 2016,

vol.8, pp.145-146

- XIII. **Effects of etodolac derivative compound SGK 216 on oxidative stress induced cell apoptosis in human leukemia cell line**
MEGA TİBER P., KOÇYİĞİT SEVİNÇ S., SÜZGÜN P., KÜÇÜKGÜZEL Ş. G., ORUN O.
6th World Congress of Oxidative Stress, Calcium Signaling and TPR Channels, Isparta, Turkey, 24 - 27 May 2016
- XIV. **Anti-cancer activity of a hydrazone derivative of etodolac in K562 leukemia cell lines**
YONAR KAPLAN P., KOÇYİĞİT SEVİNÇ S., MEGA TİBER P., SÜZGÜN P., ORUN O.
1st International Cell Death Research Congress, İzmir, Turkey, 4 - 07 May 2016, vol.41, pp.161
- XV. **Characterization of the effect of several etodolac derivatives on cancer cell lines**
KOÇYİĞİT SEVİNÇ S., MEGA TİBER P., SÜZGÜN P., KÜÇÜKGÜZEL Ş. G., ORUN O.
1st International Cell Death Research Congress, Poster, 2016, Dokuz Eylül Üniversitesi, İzmir, Turkey, 4 - 07 May 2016, vol.41, pp.156
- XVI. **Etodolak Türevi Sgk 205 ve Sgk 216 Bileşiklerinin K562 Kronik Myeloid Lösemi Hücre Hatlarında Apoptotik Etkileri**
MEGA TİBER P., AVERBEK S., ORUN O., SÜZGÜN P., KÜÇÜKGÜZEL Ş. G.
27.ulusal Biyofizik kongresi, Turkey, 29 September - 03 October 2015
- XVII. **Proliferative effects of two etodolac derivatives, SGK-206 and SGK-242, on breast cancer cell lines**
ORUN O., KOÇYİĞİT SEVİNÇ S., MEGA TİBER P., SÜZGÜN P., KÜÇÜKGÜZEL Ş. G.
3rd ANTICANCER AGENT Development Congress, İzmir, Turkey, 18 - 19 May 2015, pp.154
- XVIII. **Apoptotic effects of two etodolac derivatives SGK 205 and SGK 216 on K562 Leukemia Cell Line**
ORUN O., averbek s., MEGA TİBER P., SÜZGÜN P., KÜÇÜKGÜZEL Ş. G.
11th International Symposium on Pharmaceutical Sciences, 9 - 12 June 2015
- XIX. **Proliferative effects of two etodolac derivatives SGK 205 and SGK 216 on K562 leukemia cell line**
MEGA TİBER P., AVERBEK S., ORUN O., SÜZGÜN P., KÜÇÜKGÜZEL Ş. G.
EACR- Sponsored 3rd Anticancer Agent Development Congress, 18 - 19 May 2015
- XX. **Synthesis of novel hydrazide hydrazones derived from tolmetin as anticancer agents**
KOÇ D., SÜZGÜN P., BİNGÖL ÖZAKPINAR Ö., ÖZSAVCI D., KÜÇÜKGÜZEL Ş. G.
Four International Meeting on Pharmacy and Pharmaceutical Sciences (IMPPS-4), 18 - 21 September 2014
- XXI. **Synthesis of Heterocyclic Compounds Derived from Etodolac and Evaluation of Their HCV NS5B Polymerase Inhibitor and Anticancer Activities**
ÇIKLA SÜZGÜN P., KÜÇÜKGÜZEL Ş. G.
2nd International BAU-Drug Design Symposium, Topic: PATENTED DRUG DESIGN, 17 - 19 April 2014
- XXII. **Anti HCV NS5B Polymerase Properties of Etodolac Hydrazide Derivatives and Cytotoxicity of Etodolac Triazole SGK 238**
SÜZGÜN P., NEERJA K. B., BASU A., ARORA P., ATALAY R., KÜÇÜKGÜZEL Ş. G.
International Multidisciplinary Symposium Drug Research & Development DRD 2013, 28 - 30 November 2013
- XXIII. **Etodolak Üzerinden Heterosiklik Bileşiklerin Sentezi Hepatit C NS5B Polimeraz İnhibitörü Ve Antikanser Aktivitelerinin Araştırılması**
ÇIKLA P.
T.C. Marmara Üniversitesi Sağlık Bilimleri Enstitüsü 12. Yüksek Lisans ve Doktora Günleri, Turkey, 8 - 09 November 2012
- XXIV. **Etodolak Üzerinden Heterosiklik Bileşiklerin Sentezi Hepatit C NS5B Polimeraz İnhibitörü ve Antikanser Aktivitelerinin Araştırılması**
ÇIKLA P., KÜÇÜKGÜZEL Ş. G.
III. Ulusal Farmasötik Kimya Kongresi, Turkey, 14 - 16 September 2012
- XXV. **Synthesis of Thiosemicarbazides and Triazoles Derived From Etodolac as Anti HCV and Anticancer Agents**
ÇIKLA P., KAUSHİK BASU N., BASU A., ARORA P., KÜÇÜKGÜZEL Ş. G.
10th International Symposium On Pharmaceutical Sciences, ISOPS-10, 26 - 29 June 2012
- XXVI. **Synthesis Biological Activity of Hydrazide Hydrazones And 4 Thiazolidinones Derived From Etodolac**

ÇIKLA SÜZGÜN P., ÖZSAVCI D., BİNGÖL ÖZAKPINAR Ö., ÇEVİK Ö., ŞENER A., TURAN S., AKBUĞA J., KÜÇÜKGÜZEL Ş. G.

International Science & Technology Conference ISTEC, 7 - 09 December 2011

XXVII. **N Metil Anilinden Türeyen Bazı Triazenlerin Sentezi ve Yapılarının Aydınlatılması**

ÇIKLA P., ROLLAS S.

I.Ulusal Farmasötik Kimya Kongresi, Turkey, 11 - 12 November 2006

XXVIII. **Synthesis and biological activity of 2,2-fluoro-4-biphenylpropanoic acid hydrazide derivatives**

Tatar E., Süzgün P., Küçükgüzel Ş. G., Küçükgüzel İ., Şahin F., Yurdakul D., Kaushik Basu N., Krishnan R.

3rd International Meeting on Pharmacy & Pharmaceutical Sciences, İstanbul, Turkey, 9 - 12 June 2010

XXIX. **Synthesis Screening Cytotoxicity of Triazenes From Derived Sulfonamides**

ÜNSALAN S., ÇIKLA P., KÜÇÜKGÜZEL Ş. G., ROLLAS S., BAYRAK Ö. F., ŞAHİN F.

9th International Symposium on Pharmaceutical Sciences, ISOPS, 23 - 26 June 2009

XXX. **Synthesis and biological activity of flurbiprofen hydrazide derivatives**

TATAR E., SÜZGÜN P., KÜÇÜKGÜZEL Ş. G., KÜÇÜKGÜZEL İ., ŞAHİN F., DİLŞAD Y.

5th International Symposium on Pharmaceutical Chemistry, 5 - 07 September 2007

XXXI. **Synthesis and Structure elucidation of several triazene and diazene derivatives**

ÇIKLA P., ROLLAS S.

T.C. Marmara Üniversitesi Sağlık Bilimleri Enstitüsü 8.Yüksek Lisans ve Doktora Günleri, Turkey, 15 June 2007

XXXII. **Some Novel Thioureas Derived From 4-Aminobenzoic Acid Hydrazones as Potential Antiviral and Antitubercular Agents**

KÜÇÜKGÜZEL Ş. G., ÇIKLA P., ROLLAS S., KÜÇÜKGÜZEL İ., DE CLERCQ E.

XIXth International Symposium on Medicinal Chemistry, 29 August - 02 September 2006

Supported Projects

Şenkardeş S., Süzgün P., Project Supported by Higher Education Institutions, 2-(2-Fluorobifenil-4-il)propanhidrazit'den hareketle antikanser etki göstermesi olası yeni heterosiklik bileşiklerin sentezi, 2019 - 2022

Scientific Refereeing

Journal of Research in Pharmacy, Journal Indexed in ESCI, October 2019

Journal of Research in Pharmacy, Journal Indexed in ESCI, May 2019

Journal of Research in Pharmacy, Journal Indexed in ESCI, November 2018

JOURNAL OF RESEARCH IN PHARMACY, Journal Indexed in ESCI, June 2017

Metrics

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