

# Prof. BİRSEN TOZKOPARAN KÖPRÜCÜ

## Personal Information

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## Education Information

Doctorate, Hacettepe University, Eczacılık Fakültesi, Farmasötik Kimya, Turkey 1993 - 1997

Postgraduate, Hacettepe University, Eczacılık Fakültesi, Farmasötik Kimya, Turkey 1991 - 1993

Undergraduate, Hacettepe University, Eczacılık Fakültesi, Turkey 1987 - 1991

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Doctorate, Bazı biyolojik etkili kondanse heterosiklik bileşikler üzerinde çalışmalar, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 1997

Postgraduate, Biyolojik etkili kondanse tiyazolo[3,2-b]-1,2,4-triazol-5-(6H)-on türevleri üzerinde sentez çalışmaları, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (YI) (Tezli), 1993

## Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmaceutical Chemistry, Chemistry, Organic Chemistry, Chemistry of Heterocyclic Compounds, Natural Sciences

## Academic Titles / Tasks

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

Associate Professor, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2003 - 2010

Assistant Professor, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 1999 - 2003

Research Assistant, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 1992 - 1999

## Academic and Administrative Experience

Hacettepe Üniversitesi, Eczacılık Fakültesi, 2009 - Continues

## Advising Theses

TOZKOPARAN KÖPRÜCÜ B., Bazı yeni kondanse triazol türevlerinin sentezi ve antikanser aktivitelerinin araştırılması, Doctorate, S.PERİ(Student), 2015

TOZKOPARAN KÖPRÜCÜ B., Bazı yeni 3,6-disübtitüe-7h-1,2,4-triazolo [3,4-b]-1,3,4-tiyadiazin bileşiklerinin sentezi ve analjezik-antiinflamatuvar etkileri üzerinde çalışmalar, Postgraduate, S.PERİ(Student), 2008

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synthesis, characterization, and MAO inhibitory activities of three new drug-like N-acylhydrazone derivatives**  
TAŞCI H., HÖKELEK T., SAĞLIK ÖZKAN B. N., KAYNAK F. B., TOZKOPARAN KÖPRÜCÜ B., GÖKHAN KELEKÇİ N.  
JOURNAL OF MOLECULAR STRUCTURE, 2024 (SCI-Expanded)
- II. **A new triazolothiadiazine derivative inhibits stemness and induces cell death in HCC by oxidative stress dependent JNK pathway activation**  
KAHRAMAN D. C., Guven E. B., Aytac P. S., Aykut G., TOZKOPARAN KÖPRÜCÜ B., Atalay R. C.  
SCIENTIFIC REPORTS, vol.12, no.1, 2022 (SCI-Expanded)
- III. **Design, Synthesis and Biological Evaluation of Novel Triazolothiadiazoles Derived from NSAIDs as Anticancer Agents**  
Aytac P., Sahin I. D., ATALAY R., TOZKOPARAN KÖPRÜCÜ B.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.22, no.7, pp.1340-1347, 2022 (SCI-Expanded)
- IV. **Synthesis and structural characterization of 3-[1-[4-(2-methylpropyl)phenyl] ethyl]-6-(4-fluorophenyl)-1,2,4-triazolo[3,4-b]-1,3,4-thiadiazole**  
Gundogdu G., KARAYEL A., AYTAÇ S. P., TOZKOPARAN KÖPRÜCÜ B., KAYNAK F. B.  
POWDER DIFFRACTION, vol.34, no.4, pp.325-330, 2019 (SCI-Expanded)
- V. **Structure elucidation of 3-[1-(6-methoxy-2-naphtyl)ethyl]-6-(2,4-dichlorophenyl)-7H-1,2,4-triazolo[3,4-b]-1,3,4-thiadiazine, C<sub>23</sub>H<sub>18</sub>Cl<sub>2</sub>N<sub>4</sub>O<sub>2</sub> from synchrotron X-ray powder diffraction**  
GÜNDOĞDU G., AYTAÇ S. P., MELANİE M., TOZKOPARAN B., KAYNAK F. B.  
Powder Diffraction, vol.34, pp.271-278, 2017 (SCI-Expanded)
- VI. **Structure determination of two structural analogs, named 3-[1-(2-fluoro-4-biphenyl)ethyl]-6-(4-fluorophenyl)-1,2,4-triazolo[3,4-b]-1,3,4-thiadiazole (C<sub>23</sub>H<sub>16</sub>F<sub>2</sub>N<sub>4</sub>S) and 3-[1-(2-fluoro-4-biphenyl)ethyl]-6-(4-chlorophenyl)-1,2,4-triazolo[3,4-b]-1,3,4-thiadiazole (C<sub>23</sub>H<sub>16</sub>ClF<sub>2</sub>N<sub>4</sub>S) by synchrotron X-ray powder diffraction**  
GÜNDOĞDU G., AYTAÇ S. P., MELANİE M., TOZKOPARAN B., KAYNAK F. B.  
Powder Diffraction, vol.32, pp.279-289, 2017 (SCI-Expanded)
- VII. **Design and Synthesis of 1,2,4-Triazolo[3,2-b]-1,3,5-thiadiazine Derivatives as a Novel Template for Analgesic/Anti-Inflammatory Activity**  
Sert-Ozgun S., TEL B. C., Somuncuoglu E. I., KAZKAYASI İ., Ertan M., Tozkoparan B.  
ARCHIV DER PHARMAZIE, vol.350, no.7, 2017 (SCI-Expanded)
- VIII. **Novel triazolothiadiazines act as potent anticancer agents in liver cancer cells through Akt and ASK-1 proteins**  
Aytac P. S., Durmaz I., Houston D. R., Cetin-Atalay R., TOZKOPARAN KÖPRÜCÜ B.  
BIOORGANIC & MEDICINAL CHEMISTRY, vol.24, no.4, pp.858-872, 2016 (SCI-Expanded)
- IX. **Crystal structure determination of two novel 1,2,4-triazolo[3,4-b]-1,3,4-thiadiazine and -thiadiazole derivatives by XRPD method**  
KAYNAK F. B., Gundogdu G., Muller M., ÖZBEY S.  
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.72, 2016 (SCI-Expanded)
- X. **Novel thiazolo[3,2-b]-1,2,4-triazoles derived from naproxen with analgesic/anti-inflammatory properties: Synthesis, biological evaluation and molecular modeling studies**  
SARIGOL D., UZGOREN-BARAN A., TEL B. C., Somuncuoglu E. İ., KAZKAYASI İ., OZADALI-SARI K., UNSAL-TAN O., Okay G., Ertan M., Tozkoparan B.  
BIOORGANIC & MEDICINAL CHEMISTRY, vol.23, no.10, pp.2518-2528, 2015 (SCI-Expanded)

- XI. **Thiazolo[3,2-b]-1,2,4-triazole-5(6H)-one substituted with ibuprofen: Novel non-steroidal anti-inflammatory agents with favorable gastrointestinal tolerance**  
Uzgoren-Baran A., TEL B. C., SARIGOL D., Ozturk E. I., KAZKAYASI İ., Okay G., Ertan M., Tozkoparan B.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.57, pp.398-406, 2012 (SCI-Expanded)
- XII. **Design and synthesis of some thiazolotriazolyl esters as anti-inflammatory and analgesic agents**  
Tozkoparan B., AYTAÇ S. A., GURSOY S., AKTAY G.  
MEDICINAL CHEMISTRY RESEARCH, vol.21, no.2, pp.192-201, 2012 (SCI-Expanded)
- XIII. **Novel 1,2,4-Triazolo[3,4-b]-1,3,4-thiadiazole Derivatives as Dual Analgesic/Anti-inflammatory and Antimicrobial Agents**  
Tozkoparan B., Aytac S. P., GURSOY S., GÜNAL S., AKTAY G.  
LETTERS IN DRUG DESIGN & DISCOVERY, vol.9, no.2, pp.204-212, 2012 (SCI-Expanded)
- XIV. **A joint theoretical and experimental structural study of two novel 1,2,4-triazolo[3,4-b]-1,3,4-thiadiazine derivatives**  
Kaynak F. B., Aytac S. P., Tozkoparan B.  
STRUCTURAL CHEMISTRY, vol.21, no.4, pp.795-802, 2010 (SCI-Expanded)
- XV. **Synthesis of 3,6-disubstituted 7H-1,2,4-triazolo[3,4-b]-1,3,4-thiadiazines as novel analgesic/anti-inflammatory compounds**  
AYTAÇ S. A., Tozkoparan B., KAYNAK F. B., Aktay G., Goektas O., Uenuevar S.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.44, no.11, pp.4528-4538, 2009 (SCI-Expanded)
- XVI. **Novel 3,6-Disubstituted 7H-1,2,4-Triazolo[3,4-b][1,3,4]thiadiazines: Synthesis, Characterization, and Evaluation of Analgesic/Anti-inflammatory, Antioxidant Activities**  
Tozkoparan B., Aytac S. P., Aktay G.  
ARCHIV DER PHARMAZIE, vol.342, no.5, pp.291-298, 2009 (SCI-Expanded)
- XVII. **Investigation of antioxidant properties of some 6-(alpha-aminobenzyl) thiazolo[3,2-b]-1,2,4-triazole-5-ol compounds**  
AKTAY G., Tozkoparan B., Ertan M.  
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.24, no.3, pp.898-902, 2009 (SCI-Expanded)
- XVIII. **The antioxidant properties and the COX-inhibitory effects of some 6-(a-aminobenzyl) thiazolo [3,2-b]-1,2,4-triazole-5-ol compounds**  
Aktay G., Tozkoparan B., Ertan M.  
BASIC & CLINICAL PHARMACOLOGY & TOXICOLOGY, vol.102, pp.44, 2008 (SCI-Expanded)
- XIX. **Preparation of 5-aryl-3-alkylthio-1,2,4-triazoles and corresponding sulfones with antiinflammatory-analgesic activity**  
Tozkoparan B., KUPELI E., YESİLADA E., Ertan M.  
BIOORGANIC & MEDICINAL CHEMISTRY, vol.15, no.4, pp.1808-1814, 2007 (SCI-Expanded)
- XX. **Design and synthesis of some new thiazolo[3,2-b]-1,2,4-triazole-5(6H)-ones substituted with flurbiprofen as anti-inflammatory and analgesic agents**  
DOĞDAŞ E., TOZKOPARAN B., KAYNAK F. B., ERİKSSON L., KUPELI E., YEŞİLADA E., Ertan M.  
ARZNEIMITTEL-FORSCHUNG-DRUG RESEARCH, vol.57, no.4, pp.196-202, 2007 (SCI-Expanded)
- XXI. **Design and synthesis of some new thiazolo[3,2-b]-1,2,4-triazole-5(6H)-ones substituted with flurbiprofen as anti-inflammatory and analgesic agents**  
DOĞDAŞ E., Tozkoparan B., Kaynak F. B., ERİKSSON L., KUPELI E., YESİLADA E., Ertan M.  
ARZNEIMITTEL-FORSCHUNG-DRUG RESEARCH, vol.57, no.4, pp.196-202, 2007 (SCI-Expanded)
- XXII. **3-phenyl-5-(2-thienyl)-2-pyrazoline-1-thioamide**  
Isik S., Koysal Y., Ozdemir Z., Bilgin A.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.62, 2006 (SCI-Expanded)
- XXIII. **Two N-substituted 3,5-diphenyl-2-pyrazoline-1-thiocarboxamides**  
Koysal Y., Isik S., Sahin G., Palaska E.  
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, vol.61, 2005 (SCI-Expanded)
- XXIV. **2-[(2-Chloro-3,4-dimethoxybenzylidene)amino]-adamantane**  
Isik S., Koysal Y., Septioglu E., Calis U.

- ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.61, 2005 (SCI-Expanded)
- XXV. **1-[(2-Chloro-3,4-dimethoxybenzylidene)amino]-adamantane**  
Isik S., Koysal Y., Septioglu E., Calis U.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.61, 2005 (SCI-Expanded)
- XXVI. **Protective effects of thiazolo[3,2-b]-1,2,4-triazoles on ethanol-induced oxidative stress in mouse brain and liver**  
AKTAY G., Tozkoparan B., ERTAN M.  
ARCHIVES OF PHARMACAL RESEARCH, vol.28, no.4, pp.438-442, 2005 (SCI-Expanded)
- XXVII. **Synthesis and evaluation of analgesic/anti-inflammatory and antimicrobial activities of 3-substituted-1,2,4-triazole-5-thiones**  
TOZKOPARAN B., KUPELI E., YEŞİLADA E., Isik S., ÖZALP M., Ertan M.  
ARZNEIMITTELFORSCHUNG-DRUG RESEARCH, vol.55, no.9, pp.533-540, 2005 (SCI-Expanded)
- XXVIII. **Synthesis and evaluation of analgesic/anti-inflammatory and antimicrobial activities of 3-substituted-1,2,4-triazole-5-thiones**  
Tozkoparan B., KUPELI E., YESILADA E., ISIK S., OZALP M. A., ERTAN M.  
ARZNEIMITTELFORSCHUNG-DRUG RESEARCH, vol.55, no.9, pp.533-540, 2005 (SCI-Expanded)
- XXIX. **5-(2-chlorobenzoyl)-1,3-benzoxazol-2(3H)-one**  
Isik S., Koysal Y., Yavuz M., Koksals M., Erdogan H.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.60, 2004 (SCI-Expanded)
- XXX. **2-[6-(3-Chlorophenyl)-2,4-dioxo-perhydropyrimidin-3-yl]ethyl morpholine-4-carbodithioate**  
Koysal Y., Isik S., Septioglu E., Calis U.  
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, vol.60, 2004 (SCI-Expanded)
- XXXI. **6-(2-Fluorobenzylidene)-2-[1-(2-fluoro-4-biphenyl)ethyl]-thiazolo[3,2-b][1,2,4]triazol-5(6H)-one**  
KOYSAL Y., ISIK S., DOGDAS E., Tozkoparan B., ERTAN M.  
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, vol.60, 2004 (SCI-Expanded)
- XXXII. **3-[4-(4-Fluorophenyl)piperazin-1-ylmethyl]-5-methyl-1,3-benzoxazol-2(3H)-one and 3-[4-(2-fluorophenyl)piperazin-1-ylmethyl]-5-methyl-1,3-benzoxazol-2(3H)-one**  
Koysal Y., Isik S., Koksals M., Erdogan H., Gokhan N.  
ACTA CRYSTALLOGRAPHICA SECTION C-STRUCTURAL CHEMISTRY, vol.60, 2004 (SCI-Expanded)
- XXXIII. **Synthesis, characterization and anti-inflammatory-analgesic properties of 6-(alpha-amino-4-chlorobenzyl)thiazolo[3,2-b]-1,2,4-triazol-5-ols**  
Tozkoparan B., Gokhan N., KUPELI E., YESILADA E., ERTAN M.  
ARZNEIMITTELFORSCHUNG-DRUG RESEARCH, vol.54, no.1, pp.35-41, 2004 (SCI-Expanded)
- XXXIV. **3-[4-(2-Chlorophenyl)piperazinomethyl]-5-methyl-1-benzoxazolin-2(3H)-one**  
Koysal Y., Isik S., Koksals M., Erdogan H., Gokhan N.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.59, 2003 (SCI-Expanded)
- XXXV. **Methyl 2-methyl-7-oxo-1,2,4-triazolo[3,2-b]-1,3-thiazine-5-carboxylate**  
OZBEY S., Tozkoparan B.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.58, 2002 (SCI-Expanded)
- XXXVI. **Synthesis of some 1,2,4-triazolo[3,2-b]-1,3-thiazine-7-ones with potential analgesic and antiinflammatory activities**  
Tozkoparan B., AKTAY G., YESILADA E.  
FARMACO, vol.57, no.2, pp.145-152, 2002 (SCI-Expanded)
- XXXVII. **Synthesis of some thiazolo[3,2-b]-1,2,4-triazole-5(6H)-ones and their novel Michael addition products with anti-inflammatory activities**  
Tozkoparan B., AKTAY G., YESILADA E., ERTAN M.  
ARZNEIMITTEL-FORSCHUNG-DRUG RESEARCH, vol.51, no.6, pp.470-477, 2001 (SCI-Expanded)
- XXXVIII. **Studies on synthesis, chromatographic resolution, and antiinflammatory activities of some 2-thioxo-1,2,3,4-tetrahydropyrimidines and their condensed derivatives**  
Tozkoparan B., YARIM M., Sarac S., ERTAN M., Kelicen P., ALTINOK G., DEMIRDAMAR R.  
ARCHIV DER PHARMAZIE, vol.333, no.12, pp.415-420, 2000 (SCI-Expanded)

- XXXIX. **6-benzylidenethiazolo[3,2-b]-1,2,4-triazole-5(6H)-ones substituted with ibuprofen: synthesis, characterization and evaluation of anti-inflammatory activity**  
Tozkoparan B., GOKHAN N., AKTAY G., YESILADA E., ERTAN M.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.35, pp.743-750, 2000 (SCI-Expanded)
- XL. **Synthesis and evaluation of anti-inflammatory activity of some thiazolo[3,2-b]-1,2,4-triazole-5(6H)-ones and their Michael addition products**  
Tozkoparan B., KILCIGIL G., ERTAN R., ERTAN M., Kelicen P., DEMIRDAMAR R.  
ARZNEIMITTEL-FORSCHUNG-DRUG RESEARCH, vol.49, no.12, pp.1006-1011, 1999 (SCI-Expanded)
- XLI. **6-Benzylidene-2-(2-chlorophenyl)thiazolo[3,2-b]-1,2,4-triazol-5(6H)-one**  
OZBEY S., KENDI E., Tozkoparan B., ERTAN M.  
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, vol.55, pp.1939-1941, 1999 (SCI-Expanded)
- XLII. **Synthesis and anti-inflammatory activities of some thiazolo[3,2-a]pyrimidine derivatives**  
Tozkoparan B., ERTAN M., KELICEN P., DEMIRDAMAR R.  
FARMACO, vol.54, no.9, pp.588-593, 1999 (SCI-Expanded)
- XLIII. **Condensed heterocyclic compounds: Synthesis and antiinflammatory activity of novel thiazolo[3,2-a]pyrimidines**  
Tozkoparan B., ERTAN M., KREBS B., LAGE M., Kelicen P., DEMIRDAMAR R.  
ARCHIV DER PHARMAZIE, vol.331, no.6, pp.201-206, 1998 (SCI-Expanded)
- XLIV. **Method validation in pharmaceutical analysis: From a general approach to capillary electrophoresis**  
YESILADA A., GOKHAN N., Tozkoparan B., ERTAN M., ABoul-ENEIN H.  
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.21, no.17, pp.2619-2632, 1998 (SCI-Expanded)
- XLV. **Development and validation of a capillary electrophoretic method for the determination of degradation product in naphazoline HCl bulk drug substance**  
Yesilada A., TOZKOPARAN B., GOKHAN N., ONER L., ERTAN M.  
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.21, no.17, pp.2575-2588, 1998 (SCI-Expanded)
- XLVI. **(1R,2S,4S,11S)-4-isopropyl-1-methyl-2(alpha-N-morpholino-3-methoxybenzyl)cyclohexan-3-one**  
ERTAN M., YESILADA A., Tozkoparan B., TARIMCI C., KREBS B., LAGE M.  
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, vol.53, pp.1466-1468, 1997 (SCI-Expanded)
- XLVII. **Synthesis of some 2-arylpropionic acid amides as prodrugs**  
AKGUN H., Tozkoparan B., ERTAN M., AKSU F., INAN S.  
ARZNEIMITTEL-FORSCHUNG/DRUG RESEARCH, vol.46, no.9, pp.891-894, 1996 (SCI-Expanded)
- XLVIII. **SYNTHESIS OF SOME THIAZOLO[3,2-B]-1,2,4-TRIAZOLE-5(6H)-ONE AS POTENTIAL PLATELET-AGGREGATION INHIBITORS**  
TOZKOPARAN B., AKGUN H., ERTAN M., RUBSEMANN K.  
ARCHIV DER PHARMAZIE, vol.328, no.2, pp.169-173, 1995 (SCI-Expanded)

## Articles Published in Other Journals

- I. **COMPUTATIONAL IDENTIFICATION OF NOVEL TARGETS FOR DRUG CANDIDATE COMPOUNDS**  
SUCULARLI C., Tozkoparan B., Aytac S. P.  
Journal of Research in Pharmacy, vol.27, pp.9-12, 2023 (ESCI)
- II. **Mechanistic studies of inactivation of glutathione S transferase Pi isozyme by a haloenol lactone derivative**  
JIANG Z., GHANG L., TOZKOPARAN B., WEN D.  
Medicinal Chemistry, vol.1, pp.191-198, 2005 (Scopus)
- III. **Effects of nonsteroidal antiinflammatory drugs on the thiol groups and lipid peroxidation in ethanol**

## **induced oxidative stress**

AKTAY G., TOZKOPARAN B., Ertan M.

Acta Pharmaceutica Turcica, vol.46, pp.107-112, 2004 (Peer-Reviewed Journal)

## **Books & Book Chapters**

### **I. Türk Farmakopesi**

TUNÇBİLEK M., YEŞİLADA A., BALKAN A., TOZKOPARAN B., PALASKA E., ÖZKANLI F., KÜÇÜKGÜZEL İ., GÖKHAN KELEKÇİ N., ŞİMŞEK R., SARAÇ TARHAN S., et al.

T. C. Sağlık Bakanlığı Türkiye İlaç ve Tıbbi Cihaz Kurumu, Ankara, 2018

### **II. Kinolonlar**

Ertan M., TOZKOPARAN B.

in: Farmasötik Kimya, , Editor, Hacettepe Üniversitesi Yayınları, Ankara, pp.1079-1093, 2016

## **Refereed Congress / Symposium Publications in Proceedings**

### **I. A NEW THIADIAZINE DERIVATIVE INDUCES OXIDATIVE STRESS DEPENDENT CELL DEATH IN HEPATOCELLULAR CARCINOMA STEM CELLS**

KAHRAMAN D. C., GÜVEN E. B., Aytac P., TOZKOPARAN KÖPRÜCÜ B., ATALAY R.

Annual Meeting of the American-Association-for-the-Study-of-Liver-Diseases (AASLD) / Liver Meeting, Massachusetts, United States Of America, 8 - 12 November 2019, vol.70

### **II. A new thiadiazine derivative induces oxidative stress dependent JNK pathway activation and cell death in hepatocellular carcinoma**

KAHRAMAN D. C., GÜVEN E. B., TOZKOPARAN KÖPRÜCÜ B., ATALAY R.

Annual Meeting of the American-Association-for-Cancer-Research (AACR), Georgia, United States Of America, 29 March - 03 April 2019, vol.79

### **III. Computational Activity and Target Prediction for Three Novel Triazolothiadiazine Derivatives**

SUCULARLI C., TOZKOPARAN B.

5th International BAU Drug Design Congress, 19 - 21 October 2017

### **IV. A Valid Scaffold for Monoamine Oxidases Inhibitors**

Taşçı H., SAĞLIK B. N., ÖZKAY Y., TOZKOPARAN B., GÖKHAN KELEKÇİ N.

2nd International Gazi Pharma Symposium Series (GPSS-2017), 11 - 13 October 2017

### **V. A Study on Synthesis of Novel Mannich Bases Derived From 1,2,4-Triazole-5-thione Containing Naproxen Moiety**

TOZKOPARAN B., Taşçı H., GÖKHAN KELEKÇİ N.

2nd International Gazi Pharma Symposium Series (GPSS-2017), 11 - 13 October 2017

### **VI. Novel Mannich Bases Derived From 1,2,4-Triazole-5-thione Containing Naproxen Moiety as Analgesic/Anti-inflammatory Compounds**

Taşçı H., TOZKOPARAN B., GÖKHAN KELEKÇİ N.

Multidisciplinary Symposium on Drug Research and Development 2017(DRD-2017), 5 - 07 October 2017

### **VII. Synthesis and Evaluation of Novel Hydrazone Derivatives as Monoamine Oxidase Inhibitors**

Taşçı H., SAĞLIK B. N., ÖZKAY Y., TOZKOPARAN B., GÖKHAN KELEKÇİ N.

Multidisciplinary Symposium on Drug Research and Development 2017(DRD-2017), 5 - 07 October 2017

### **VIII. New Bis Mannich Bases of 1,2,4-Triazoles with Analgesic/Anti-inflammatory Activities**

SERT OZGUR S., TEL B. C., KAZKAYASI İ., SOMUNCUOĞLU E. İ., Ertan M., TOZKOPARAN B.

AIMECS2017, Chemistry in Drug Discovery, Design and Development, 23 - 27 July 2017

### **IX. Protective Effects of New Selective COX 2 Inhibitors on a Rat Model of Severe Acute Pancreatitis**

ERİKÇİ A., UÇAR B. İ., Salgın Gökşen U., GÖKHAN KELEKÇİ N., UZGÖREN BARAN A., TOZKOPARAN B.,

KÖSEMEHMETOĞLU K., İSKİT A. B., YABANOĞLU ÇİFTÇİ S., UÇAR G.

41.FEBS Congress, Kuşadası-Aydın, Turkey, 3 - 08 September 2016

- X. **Protective effects of new selective COX-2 inhibitors on a rat model of severe acute pancreatitis**  
Erikci A., Ucar B. I., BAYSAL İ., Goksen U. S., Kelekci N. G., Baran A., Tozkoparan B., Kosemehmetoglu K., Iskit A. B., Ciftci S. Y., et al.  
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.246
- XI. **Novel 1,2,4-Triazole-based bicyclic derivatives bearing naproxen moiety as analgesic/anti-inflammatory agents**  
UZGÖREN BARAN A., SARIGÖL D., TEL B. C., SOMUNCUOĞLU E. İ., KAZKAYASI İ., OKAY G., Ertan M., TOZKOPARAN KÖPRÜCÜ B.  
International Multidisciplinary Symposium on Drug Research and Development, Turkey, 15 October 2015
- XII. **Novel 1 2 4 Triazole Based Bicyclic Derivatives Bearing Naproxen Moiety As Analgesic Anti Inflammatory Agents**  
UZGÖREN BARAN A., TEL B. C., SOMUNCUOĞLU E. İ., KAZKAYASI İ., OKAY G., TOZKOPARAN B.  
International Multidisciplinary Symposium on Drug Research and Development in Memory of Professor Ünsal Çalış, Eskişehir, Turkey, 15 - 17 October 2015
- XIII. **Novel Triazole Based Condensed Derivatives As Putative Anticancer Agents**  
AYTAÇ S. P., DURMAZ İ., ÇETİN ATALAY R., TOZKOPARAN B.  
Pharma Middle East, Dubai, United Arab Emirates, 1 - 04 October 2015
- XIV. **Bologna Süreci Çalışmaları Sonrası Hacettepe Üniversitesi Eczacılık Fakültesi Lisans Programına Bakış**  
TEL B. C., ERDOĞAN S., SÜSLÜ İ., YABANOĞLU ÇİFTÇİ S., SÖZEN ŞAHNE B., SAYGILI N., ERCİL D., ELDEM T., İREM T. Ç., TOZKOPARAN B., et al.  
I. Bologna Süreci Araştırmaları Kongresi, Ankara, Turkey, 17 - 18 September 2015
- XV. **Evaluation of Graduate Students Scientific Development at the Hacettepe University Graduate School of Health Sciences**  
ÖZTÜRK ÇOPUR E., TOZKOPARAN B., KARABULUT E., YAŞAR Ü., FADILLIOĞLU E.  
10th ORPHEUS Conference Challenges in evaluation of research outcomes in PhD education, Sırbistan, Belgium, 16 - 18 April 2015
- XVI. **Synthesis of some 1,2,4-triazolo[3,4-b]-1,3,4-thiadiazine derivatives as possible protein kinase inhibitors**  
Güven E. B., Aytac P. S., Cetin-Atalay R., Tozkoparan B.  
22nd IUBMB Congress/37th FEBS Congress, Sevilla, Spain, 4 - 09 September 2012, vol.279, pp.144-145
- XVII. **Synthesis, characterization and pharmacological evaluation of some new bis mannich bases derived from 1,2,4-triazoles**  
Sert Ozgur S., TOZKOPARAN KÖPRÜCÜ B., Ertan M., SOMUNCUOĞLU E. İ., KAZKAYASI İ., TEL B. C.  
4th International Meeting on Medicinal and Pharmaceutical Chemistry (IMMPC-4) and 6th International Symposium on Pharmaceutical Chemistry (ISPC-6), Turkey, 30 September 2010

## Supported Projects

TOZKOPARAN KÖPRÜCÜ B., AVCI A., AZTOPAL N., Project Supported by Higher Education Institutions, Bazı Yeni Tiyazolo(3,2-b)-1,2,4-triazol-6(5H)-on Türevlerinin Sentezi ve Sitotoksik Etkilerinin Araştırılması, 2018 - 2021

GÖKHAN KELEKÇİ N., TAŞCI H., TOZKOPARAN KÖPRÜCÜ B., Project Supported by Higher Education Institutions, MAO İnhibitörü etki göstermesi beklenen hidrazon iskeleti taşıyan yeni bileşiklerin sentez ve yapı tayini çalışmaları, 2018 - 2019

TOZKOPARAN KÖPRÜCÜ B., TAŞCI H., AVCI A., GÖKHAN KELEKÇİ N., Project Supported by Higher Education Institutions, Yeni 1-Aminometil-1,2,4-triazol-5-tiyon Bileşiklerinin Sentezi ve Yapı Aydınlatma Çalışmaları, 2018 - 2019

TOZKOPARAN KÖPRÜCÜ B., Project Supported by Higher Education Institutions, 18. Tetrahedron Sempozyumu, Asya Versiyonu, 2017 - 2017

TOZKOPARAN KÖPRÜCÜ B., AYTAÇ S. P., Project Supported by Higher Education Institutions, Bazı Yeni Kondanse Triazol Türevlerinin Sentezi ve Antikanser Aktivitelerinin Araştırılması, 2015 - 2016

TOZKOPARAN KÖPRÜCÜ B., ÇETİN ATALAY R., AYTAÇ S. P., DURMAZ İ., Project Supported by Higher Education Institutions, OLASI ANTİKANSER BİLEŞİKLER OLARAK YENİ TRIAZOL ESASLI KONDANSE TÜREVLER, 2015 - 2016

## **Metrics**

Publication: 75

Citation (WoS): 1310

Citation (Scopus): 1388

H-Index (WoS): 18

H-Index (Scopus): 18

## **Non Academic Experience**

Auburn Üniversitesi, Eczacılık Fakültesi Medisinal Kimya Bölümü (Alabama-ABD)

Northeastern Üniversitesi, Farmasötik Bilimler Bölümü

Westfälische Wilhelms Üniversitesi, Farmasötik Kimya Enstitüsü