

## Prof. ESRA TATAR

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: R-1805-2017

ScopusID: 16481673500

Yoksis Researcher ID: 118399

### Education Information

Post Doctorate, Cardiff University School of Pharmacy and Pharmaceutical Sciences, United Kingdom 2019 - 2020

Doctorate, Marmara University, Institute of Health Sciences, Farmasotik Kimya (Dr), Turkey 2004 - 2009

Postgraduate, Marmara University, Institute of Health Sciences, Farmasötik Kimya (YI) (Tezli), Turkey 2001 - 2004

Undergraduate, Marmara University, Faculty of Pharmacy, Eczacılık Pr., Turkey 1997 - 2001

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, 2-(Aroilamino)-3-metilbütirik asit hidrazidi'nden türeyen 1,3-tiyazolidin-4-on'ların sentezi ve yapılarının aydınlatılması, Marmara Üniversitesi, Institute of Health Sciences, Farmasotik Kimya (Dr), 2009

Postgraduate, 2-(Aroilamino)-4-(metiltiy)-bütirik asit hidrazidinden türeyen yeni açiltiyosemıkarbazidler ve 1,3-tiyazolidin-4-on'ların sentezi ve yapılarının aydınlatılması, Marmara Üniversitesi, Institute of Health Sciences, Farmasötik Kimya (YI) (Tezli), 2004

### Research Areas

Pharmaceutical Chemistry

### Academic Titles / Tasks

Associate Professor, Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 2018 - Continues

Assistant Professor, Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 2012 - Continues

Lecturer, Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 2009 - 2012

Research Assistant, Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 2004 - 2009

## Academic and Administrative Experience

Vice Dean, Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 2020 - 2022

## Courses

Active Pharmaceutical Ingredients Used in Veterinary Medicine, Undergraduate, 2020 - 2021

Antibiyotik ve Kemoterapötik İlaçlarda Yeni Gelişmeler, Undergraduate, 2020 - 2021, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Pharmaceutical Chemistry 3, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

İlaç Metabolizması, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

## Advising Theses

Tatar E., Synthesis and characterization of some new thiazolidine-4-one compounds derived from sulfonamide, Postgraduate, Ü.DEMİR(Student), 2018

## Jury Memberships

Doctorate, Doctorate, İstanbul Üniversitesi, October, 2022

Doctorate, Doctorate, Marmara Üniversitesi, September, 2018

Doctorate, Doctorate, Marmara Üniversitesi, July, 2018

Doctorate, Doctorate, Marmara Üniversitesi, December, 2017

Doctorate, Doctorate, Marmara Üniversitesi, August, 2017

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

- I. **Novel 1,2,4-triazoles derived from Ibuprofen: synthesis and in vitro evaluation of their mPGES-1 inhibitory and antiproliferative activity**  
Bulbul B., Ding K., Zhan C., Ciftci G., YELEKÇİ K., Gurboga M., BİNGÖL ÖZAKPINAR Ö., Aydemir E., Baybag D., ŞAHİN F., et al.  
MOLECULAR DIVERSITY, vol.27, no.5, pp.2185-2215, 2023 (SCI-Expanded)
- II. **Oral empagliflozin-loaded tri-layer core-sheath fibers fabricated using tri-axial electrospinning: Enhanced in vitro and in vivo antidiabetic performance.**  
Guler E., Nur Hazar-Yavuz A., TATAR E., Morid Haidari M., Sinemcan Ozcan G., DURUKSU G., Graça M. P. F., Kalaskar D. M., GÜNDÜZ O., Emin Cam M. E.  
International journal of pharmaceutics, vol.635, pp.122716, 2023 (SCI-Expanded)
- III. **Synthesis, in vitro and in silico studies on novel 3-aryloxymethyl-5-[(2-oxo-2-arylethyl)sulfanyl]-1,2,4-triazoles and their oxime derivatives as potent inhibitors of mPGES-1**  
Erensoy G., Ding K., Zhan C., Çiftçi G., Yelekçi K., Duracak M., Bingöl Özakpınar Ö., Aydemir E., Yılmaz Z. N., Şahin F., et al.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1272, pp.1-19, 2023 (SCI-Expanded)
- IV. **Synergistic anticancer effects of metformin and Achillea vermicularis Trin-loaded nanofibers on**

**human pancreatic cancer cell line: An in vitro study**

Babazade R., Ertas B., Sinemcan Ozcan G., Kiyak Kirmaci H., Tatar E., Taskin T., Yazir Y., Çam M. E.  
EUROPEAN POLYMER JOURNAL, vol.179, 2022 (SCI-Expanded)

- V. **A Comparison Study of Fiber Diameter's Effect on Characteristic Features of Donepezil/Curcumin-Loaded Polycaprolactone/Poly(lactic Acid) Nanofibers**  
Aydin S., Kabaoglu I., Guler E., Topal F., YAVUZ A. N., EKENTOK ATICI C., TATAR E., Gurbuz F., GÜNDÜZ O., ÇAM M. E.  
MACROMOLECULAR MATERIALS AND ENGINEERING, vol.307, no.5, 2022 (SCI-Expanded)
- VI. **Synthesis and structure-activity relationship of L-methionine-coupled 1,3,4-thiadiazole derivatives with activity against influenza virus**  
TATAR E., Yaldiz S., KULABAŞ N., Vanderlinden E., Naesens L., KÜÇÜKGÜZEL İ.  
CHEMICAL BIOLOGY & DRUG DESIGN, vol.99, no.3, pp.398-415, 2022 (SCI-Expanded)
- VII. **Fabrication and characterisation studies of cyclodextrin-based nanosponges for sulfamethoxazole delivery**  
YAŞAYAN G., Şatroğlu Sert B., TATAR E., KÜÇÜKGÜZEL İ.  
Journal of Inclusion Phenomena and Macrocyclic Chemistry, vol.97, pp.175-186, 2020 (SCI-Expanded)
- VIII. **Small molecule inhibitors targeting sterol 14 $\alpha$ -demethylase (CYP51): Synthesis, molecular modelling and evaluation against *Candida albicans*.**  
Binjubair F. A., Parker J. E., Warillow A. G., Puri K., Braidley P. J., Tatar E., Kelly S. L., Kelly D. E., Simons C.  
Chemmedchem, vol.15, pp.1-23, 2020 (SCI-Expanded)
- IX. **Synthesis and Biological Activity of N-(arylsulfonyl) Valine Hydrazones and Assistance of NMR Spectroscopy for Definitive 3D Structure**  
ŞENKARDEŞ S., TATAR E., Nepravishita R., Cela D., Paci M., Ozakpinar Ö., ŞEKERLER T., De Clercq E., Pannecouque C., KÜÇÜKGÜZEL Ş. G., et al.  
LETTERS IN DRUG DESIGN & DISCOVERY, vol.16, no.9, pp.974-983, 2019 (SCI-Expanded)
- X. **Synthesis and evaluation of novel 1,3,4-thiadiazole-fluoroquinolone hybrids as antibacterial, antituberculosis, and anticancer agents**  
Demirci A., Karayel K. G., TATAR E., Oktem Okullu S., Unubol N., Tasli P. N., KOCAGÖZ Z. T., ŞAHİN F., KÜÇÜKGÜZEL İ.  
TURKISH JOURNAL OF CHEMISTRY, vol.42, no.3, pp.839-858, 2018 (SCI-Expanded)
- XI. **Synthesis and antiproliferative evaluation of novel 2-(4H-1,2,4-triazole-3-ylthio)acetamide derivatives as inducers of apoptosis in cancer cells**  
KULABAŞ N., TATAR E., BİNGÖL ÖZAKPINAR Ö., ÖZSAVCI D., Pannecouque C., De Clercq E., KÜÇÜKGÜZEL İ.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.121, pp.58-70, 2016 (SCI-Expanded)
- XII. **Design, Synthesis, and Molecular Docking Studies of a Conjugated-Thiadiazole Thiourea Scaffold as Antituberculosis Agents**  
TATAR E., KARAKUŞ S., KÜÇÜKGÜZEL Ş. G., Okullu S. O., Unubol N., Kocagoz T., De Clercq E., Andrei G., Snoeck R., Pannecouque C., et al.  
BIOLOGICAL & PHARMACEUTICAL BULLETIN, vol.39, no.4, pp.502-515, 2016 (SCI-Expanded)
- XIII. **Discovery of conjugated thiazolidinone-thiadiazole scaffold as anti-dengue virus polymerase inhibitors**  
MANVAR D., KÜÇÜKGÜZEL İ., ERENŞOY G., TATAR E., DERYABAŞOĞULLARI G., REDDY H., TALELE T. T., ÇEVİK Ö., Kaushik-Basu N.  
BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, vol.469, no.3, pp.743-747, 2016 (SCI-Expanded)
- XIV. **Synthesis, and prediction of molecular properties and antimicrobial activity of some acylhydrazones derived from N-(arylsulfonyl) methionine**  
TATAR E., ŞENKARDEŞ S., Sellitepe H. E., KÜÇÜKGÜZEL Ş. G., Karaoglu S. A., Bozdeveci A., De Clercq E., Pannecouque C., Ben Hadda T., KÜÇÜKGÜZEL İ.  
TURKISH JOURNAL OF CHEMISTRY, vol.40, no.3, pp.510-534, 2016 (SCI-Expanded)
- XV. **Novel 4-Thiazolidinones as Non-Nucleoside Inhibitors of Hepatitis C Virus NS5B RNA-Dependent RNA Polymerase**  
Cakir G., KÜÇÜKGÜZEL İ., Guhamazumder R., TATAR E., Manvar D., Basu A., Patel B. A., Zia J., Talele T. T., Kaushik-Basu N.

ARCHIV DER PHARMAZIE, vol.348, no.1, pp.10-22, 2015 (SCI-Expanded)

- XVI. **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)
- XVII. **2-Heteroarylimino-5-arylidene-4-thiazolidinones as a new class of non-nucleoside inhibitors of HCV NS5B polymerase**  
KÜÇÜKGÜZEL İ., Satılmış G., Gurukumar K. R., Basu A., TATAR E., Nichols D. B., Talele T. T., Kaushik-Basu N.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.69, pp.931-941, 2013 (SCI-Expanded)
- XVIII. **Development of a new and efficient synthesis method of 1,2,4-triazole-5- thione derivatives 1,2,4-Triazol-5-Tiyon türevi bileşiklerin elde edilmesi için yeni ve etkili bir sentez yöntemi geliştirilmesi**  
Abacı G., Rollas S., TATAR E.  
Marmara Pharmaceutical Journal, vol.17, no.3, pp.181-186, 2013 (SCI-Expanded)
- XIX. **Some Hydrazones of 2-Aroylamino-3-methylbutanohydrazide: Synthesis, Molecular Modeling Studies, and Identification as Stereoselective Inhibitors of HIV-1**  
TATAR E., KÜÇÜKGÜZEL İ., Daelemans D., Talele T. T., Kaushik-Basu N., De Clercq E., Pannecouque C.  
ARCHIV DER PHARMAZIE, vol.346, no.2, pp.140-153, 2013 (SCI-Expanded)
- XX. **Synthesis of some novel thiourea derivatives obtained from 5-[4-aminophenoxy)methyl]-4-alkyl/aryl-2,4-dihydro-3H-1,2,4-triazole-3-thiones and evaluation as antiviral/anti-HIV and anti-tuberculosis agents**  
KÜÇÜKGÜZEL İ., TATAR E., KÜÇÜKGÜZEL Ş. G., Rollas S., De Clercq E.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.43, no.2, pp.381-392, 2008 (SCI-Expanded)
- XXI. **Synthesis characterization and screening of antimicrobial antituberculosis antiviral and anticancer activity of novel 1,3-thiazolidine 4 ones derived from 1,2-benzoylamino 4 methylthio butyryl 4 alkyl arylalkyl thiosemicarbazides**  
TATAR E., KÜÇÜKGÜZEL İ., DE CLERCQ E., ŞAHİN F., GÜLLÜCE M.  
Arkivoc, pp.191-210, 2008 (SCI-Expanded)
- XXII. **Synthesis of some novel heterocyclic compounds derived from diflunisal hydrazide as potential anti-infective and anti-inflammatory agents**  
Kucukguzel S. G., Tatar E., Rollas S., Sahin F., Gulluce M., De Clercq E., Kabasakal L.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.42, no.7, pp.893-901, 2007 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Synthesis, characterization and biological evaluation of 1,3-thiazolidine-4-ones derived from (2S)-2-benzoylamino-3-methylbutanohydrazide hydrazones**  
TATAR E., KÜÇÜKGÜZEL İ., Otuk G., Bilgin M., De Clercq E., Andrei G., Snoeck R., Pannecouque C., Kaushik-Basu N.  
JOURNAL OF RESEARCH IN PHARMACY, vol.25, no.4, pp.507-518, 2021 (ESCI)
- II. **Development and validation of a RP-HPLC method for quality control of oxantel pamoate, pyrantel pamoate and praziquantel in tablets**  
TATAR E., Ates G., KÜÇÜKGÜZEL İ.  
MARMARA PHARMACEUTICAL JOURNAL, vol.19, no.1, pp.27-35, 2015 (ESCI)
- III. **Synthesis and biological evaluation of some new 1,3,4-thiadiazole and 1,2,4-triazole derivatives from L-methionine as antituberculosis and antiviral agents**  
TATAR E., KÜÇÜKGÜZEL Ş. G., KARAKUŞ S., De Clercq E., Andrei G., Snoeck R., Pannecouque C., Oktem Okullu S., Unubol N., Kocagoz T., et al.  
MARMARA PHARMACEUTICAL JOURNAL, vol.19, no.2, pp.88-102, 2015 (ESCI)
- IV. **Synthesis characterization and antiviral evaluation of 1,3-Thiazolidine 4 one derivatives bearing L Valine side chain**

TATAR E., KÜÇÜKGÜZEL İ., CLERCQ E. D., KRISHNAN R., KAUSHIK BASU N.  
MARMARA PHARMACEUTICAL JOURNAL, vol.3, pp.181-193, 2012 (Scopus)

- V. **Yaris atlarında kullanımı suistimal edilen bazı non steroidal antienflamatuvar ilaçların biyolojik örneklerden kromatografik yöntemlerle miktar tayini**

TATAR E., TOPÇU S., KÜÇÜKGÜZEL İ.  
MARMARA PHARMACEUTICAL JOURNAL, vol.2, pp.91-106, 2012 (Scopus)

- VI. **Synthesis Anti Tuberculosis and Antiviral Activity of Novel 2 isonicotinoylhydrazono 5 arylidene 4 thiazolidinones**

TATAR E., KÜÇÜKGÜZEL İ., KÜÇÜKGÜZEL Ş. G., YILMAZ DEMİRCAN F., DE CLERCQ E., ANDREI G., SNOECK R., PANNECOUQUE C., ŞAHİN F., BAYRAK Ö. F.  
International Journal of Drug Design and Discovery, vol.1, pp.19-32, 2010 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **İlaç taşıyıcı sistem olarak betasiklodekstrin kaynaklı nanosüngerlerin sentezi ve karakterizasyon çalışmaları**  
Şatroğlu B., TATAR E., KÜÇÜKGÜZEL İ., YAŞAYAN G.  
2. Ulusal Marmara Eczacılık Kongresi, Turkey, 14 - 16 November 2018
- II. **Thiazolidinone-Based Approaches For The Discovery of Lead Compounds: Proises and Challenges From My Point of View**  
Tatar E., Küçükgülzel İ.  
Konferenca e V-te Farmaceutike- Se Bashku Per Farmaceutiken, Tirane, Albania, 29 - 31 March 2018
- III. **Biotransformation of drugs and reactive metabolites**  
TATAR E.  
Trakya Üniversiteler Birliđi 1.Uluslararası Sağlık Bilimleri Kongresi, 23 - 25 November 2017
- IV. **SYNTHESIS, CHARACTERIZATION AND BIOLOGICALEVALUATION OF NOVEL THIOETHER DERIVATIVES OF 1,2,4-TRIAZOLES AND 1,3,4-OXADIAZOLES AS POTENTIAL ANTICANCER AGENTS**  
ERENSOY G., KULABAŞ N., BİNGÖL ÖZAKPINAR Ö., TATAR E., KÜÇÜKGÜZEL İ.  
2rd International Gazi Pharma Symposium Series, 11 - 13 October 2017
- V. **SYNTHESIS, CHARACTERIZATION AND BIOLOGICALEVALUATION OF THIOETHER AND OXIME DERIVATIVES OF IFLUPROFEN-BASED 1,2,4-TRIAZOLES AS POTENTIAL ANTICANCER AGENTS**  
BÜLBÜL B., KULABAŞ N., BİNGÖL ÖZAKPINAR Ö., TATAR E., KÜÇÜKGÜZEL İ.  
2rd International Gazi Pharma Symposium Series, 11 - 13 October 2017
- VI. **DESIGN AND SYNTHESIS OF SOME NOVEL FLUOROQUINOLONE DERIVATIVES AS POTENTIAL ANTIBACTERIAL AND ANTITUBERCULOSIS AGENTS**  
POYRAZ YILMAZ P., KULABAŞ N., TATAR E., BOZDEVECİ A., KRISHNA V. S., ALPAY KARAOĞLU Ş., SRIRAM D., KÜÇÜKGÜZEL İ.  
2rd International Gazi Pharma Symposium Series, 11 - 13 October 2017
- VII. **3D structure syn/anti isomers of a valin hydrazone**  
cela d., repravışta r., mandaliti w., TATAR E., ŞENKARDEŞ S., KÜÇÜKGÜZEL İ., KÜÇÜKGÜZEL Ş. G., paci m.  
24th Congress and General Assembly of the International Union of Crystallography, 21 - 28 August 2017
- VIII. **Bazı yeni 6 süstitüe sril pirimidin 5 karbonitril türevlerinin sentezi ve antikanser etkileri**  
Tatar E., Akgün O., Ulukaya E., Küçükgülzel İ.  
I.Ulusal Marmara Eczacılık Kongresi, İstanbul, Turkey, 3 - 05 November 2016
- IX. **Sülfanilamit ten hareketle bazı yeni 4 tiyazolidon türevlerinin sentezi ve antikanser etkileri**  
Tatar E., Demir Ü., Akgün O., Ulukaya E., Küçükgülzel İ.  
I.Ulusal Marmara Eczacılık Kongresi, İstanbul, Turkey, 3 - 05 November 2016
- X. **SYNTHESIS AND CHEMOTHERAPEUTIC POTENTIAL OF SOME ACYLHYDRAZONES DERIVED FROM METHIONINE OR L VALINE**  
Tatar E., Şenkardeş S., Küçükgülzel Ş. G., Nepravışta R., Çela D., Mandelıta W., Paci M., Küçükgülzel İ.

Konferenca E IV FARMACEUTIKE 10 VJET UFSH ; 4th Pharmaceutical Conference With Theme "10 Years of Foundation of Albanian Order of Pharmacists", Tirane, Albania, 27 - 28 October 2016

- XI. **3D Structure of acyl hydrazone scaffold and isomers configuration equilibrium elucidated by NMR spectroscopy**  
Çela D., Nepravishta R., Mandaliti W., Tatar E., Şenkardeş S., Küçükgülzel İ., Küçükgülzel Ş. G., Paci M.  
International Conference on Pharmaceutical Sciences- Innovative Research in Medical and Pharmaceutical Sciences, Tirane, Albania, 13 June 2015
- XII. **Synthesis antiproliferative and apoptosis inducing activity of some novel N 5 aryloxymethyl 4 benzyl 4H 1 2 4 triazole 3 ylthio acetanilides**  
KULABAŞ N., TATAR E., BİNGÖL ÖZAKPINAR Ö., ÖZSAVCI D., KÜÇÜKGÜZEL İ.  
11th International Symposium on Pharmaceutical Sciences., 9 - 12 June 2015
- XIII. **Synthesis and evaluation of antimicrobial activity of new arylhydrazones derived from N Arylsulfonyl methionine**  
TATAR E., ŞENKARDEŞ S., KÜÇÜKGÜZEL Ş. G., ALPAY KARAOĞLU Ş., Bozdeveci A., KÜÇÜKGÜZEL İ.  
3rd Congress of Pharmacists of Bosnia and Herzegovina with international participation, 14 - 17 May 2015
- XIV. **New hydrazide hydrazones incorporating L valine side chain Synthesis and antimicrobial activity**  
TATAR E., ŞENKARDEŞ S., KÜÇÜKGÜZEL Ş. G., ALPAY KARAOĞLU Ş., Bozdeveci A., KÜÇÜKGÜZEL İ.  
3rd Congress of Pharmacists of Bosnia and Herzegovina with international participation, 14 - 17 May 2015
- XV. **Synthesis of Novel 1 3 4 Thiadiazole Derivatives From L Methionine and Evaluation of Their Anti Influenza Virus Activity**  
Tatar E., Yıldız S., Küçükgülzel İ., Naesens L.  
4th International Meeting on Pharmacy & Pharmaceutical Sciences IMPPS-4, İstanbul, Turkey, 18 - 21 September 2014
- XVI. **Development of Some Novel Thioureas Derived From 1 3 4 Thiadiazoles and 1 2 4 Triazoles as Antitubercular Agents**  
Tatar E., Küçükgülzel İ., Küçükgülzel Ş. G., Karakuş S., Öktem Okullu S., Ünübol N., Kocagöz Z. T.  
4th International Meeting on Pharmacy & Pharmaceutical Sciences IMPPS-4, İstanbul, Turkey, 18 - 21 September 2014
- XVII. **Synthesis and Antituberculosis Evaluation of 1 2 4 Triazole Derivatives Carrying Thioacetic Amide Structure**  
Kulabaş N., Tatar E., Küçükgülzel İ., Öktem Okullu S., Ünübol N., Kocagöz Z. T.  
4th International Meeting on Pharmacy & Pharmaceutical Sciences IMPPS-4, İstanbul, Turkey, 18 - 21 September 2014
- XVIII. **Novel Fluoroquinolones Containing Azole Heterocycles Synthesis Antibacterial Activity and Molecular Docking Studies**  
DEMİRCİ A., KÜÇÜKGÜZEL İ., TATAR E., KARAYEL K. G., ÖKTEM OKULLU S., ÜNÜBOL N., KOCAGÖZ Z. T.  
50th International Conference on Medicinal Chemistry, RICT, 2 - 04 July 2014
- XIX. **Interfacing Chemical Biology and Drug Discovery bildiri kitapçığındaki Novel Fluoroquinolones Containing Azole Heterocycles Synthesis Antibacterial Activity and Molecular Docking Studies**  
DEMİRCİ A., KÜÇÜKGÜZEL İ., TATAR E., KARAYEL K., ÖKTEM OKULLU S., ÜNÜBOL N., KOCAGÖZ Z. T.  
50th International Conference on Medicinal Chemistry-RICT 2014, 2 - 04 July 2014
- XX. **Design Synthesis and Molecular Modeling Studies on Novel Fluoroquinolones Containing Azole Heterocycles**  
KARAYEL K. G., DEMİRCİ A., TATAR E., KÜÇÜKGÜZEL İ.  
International Multidisciplinary Symposium on Drug Research and Development New Drug Entities & Cancer Research, Nanotechnology & Scientific and Industrial Perspectives, 28 - 30 November 2013
- XXI. **Olası Antiviral Etkili 4H 1 2 4 Triazol 3 Tiyoasetamit Türevlerinin Sentezi ve Antiviral Etkilerinin Değerlendirilmesi**  
KULABAŞ N., KÜÇÜKGÜZEL İ., TATAR E., DE CLERCQ E., ANDREI G., SNOECK R., PANNECOUQUE C.  
3. Ulusal Farmasötik Kimya Kongresi, Malatya, Turkey, 14 - 16 September 2012
- XXII. **Synthesis characterization and antiviral evaluation of hydrazide hydrazone derivatives bearing L**

**valine side chain**

Tatar E., Şenkardeş S., Küçükgülzel İ., Küçükgülzel Ş. G., De Clerc E., Andrei G., Snoeck R., Pannecouque C.  
10th International Symposium On Pharmaceutical Sciences., Ankara, Turkey, 26 - 29 June 2012

- XXIII. **Synthesis and characterization of 5 arylidene 2 heteroarylimino 1 3 thiazolidine 4 ones as potential HCV NS5B polymerase inhibitors**  
Çakır G., Küçükgülzel İ., Tatar E.  
10th International Symposium on Pharmaceutical Sciences-ISOPS 10, Ankara, Turkey, 26 - 29 June 2012
- XXIV. **Some hydrazones of 2S 4 methylsulfanyl 2 4 methylphenyl sulfonyl amino butanoic acid hydrazide Synthesis and evaluation of antiviral activity**  
Tatar E., Şenkardeş S., Küçükgülzel İ., Küçükgülzel Ş. G., De Clercq E., Balzarını J., Pannecouque C.  
10th International Symposium on Pharmaceutical Sciences- ISOPS 10, Ankara, Turkey, 26 - 29 June 2012
- XXV. **Yarış atlarında kullanımı suistimal edilen bazı non steroidal antiinflamatuvar ilaçların biyolojik örneklerden kromatografik yöntemlerle miktar tayini**  
TATAR E., KÜÇÜKGÜZEL İ., TOPÇU S.  
II.ULUSAL MARMARA ÜNİVERSİTESİ ECZACILIK FAKÜLTESİ ÖĞRENCİ KONGRESİ MEFKO-2011, Turkey, 6 - 08 May 2011
- XXVI. **5 Arylidene 4 thiazolidinones as inhibitors of HCV NS5B polymerase**  
Satılmış G., Küçükgülzel İ., Tatar E., Kaushik Basu N., Ramanathan G. K. K., Talale T.  
International Symposium on Drug Research and Development –From Chemistry To Medicine & New Horizons and Job Opportunities For Young Scientist, Antalya, Turkey, 27 - 29 May 2011
- XXVII. **Hidrazit hidrazon türevi bileşikler üzerinde bazı araştırmalar Saflaştırma Çözücüsü ve erime noktası ilişkisi**  
TATAR E., KÜÇÜKGÜZEL İ., DÜNDAR H.  
II.ULUSAL MARMARA ÜNİVERSİTESİ ECZACILIK FAKÜLTESİ ÖĞRENCİ KONGRESİ MEFKO-2011, Turkey, 6 - 08 May 2011
- XXVIII. **Ülseratif kolit ve kolona hedeflendirilmiş ilaçların gelişimi**  
KÜÇÜKGÜZEL İ., EREL T., ORHAN E., ÇİNE N., TATAR E.  
II.ULUSAL MARMARA ÜNİVERSİTESİ ECZACILIK FAKÜLTESİ ÖĞRENCİ KONGRESİ MEFKO-2011, Turkey, 6 - 08 May 2011
- XXIX. **2 Aroilamino 3 metilbütirik asit hidraziti nden türeyen 1 3 tiyazolidin 4 onlar ın sentezi ve yapılarının aydınlatılması**  
Tatar E., Küçükgülzel İ.  
MARMARA ÜNİVERSİTESİ SAĞLIK BİLİMLERİ ENSTİTÜSÜ 10.YÜKSEK LİSANS VE DOKTORA GÜNLERİ, İstanbul, Turkey, 17 December 2010
- XXX. **Synthesis and antiviral evaluation of 2 4 benzyl 5 substituted 4H 1 2 4 triazol 3 yl sulfanyl N substitutedphenyl acetamide derivatives**  
Kulabaş N., Küçükgülzel İ., Tatar E., De Clercq E., Andrei G., Snoeck R., Pannecouque C.  
3rd International Meeting on Pharmacy & Pharmaceutical Sciences, İstanbul, Turkey, 9 - 12 June 2010
- XXXI. **5 Arylidene 4 thiazolidinones An approach to the discovery of new antiviral agents**  
SATILMIŞ G., KÜÇÜKGÜZEL İ., TATAR E., DE CLERCQ E., ANDREI G., SNOECK R., PANNECOUQUE C.  
3rd International Meeting on Pharmacy & Pharmaceutical Sciences, 9 - 12 June 2010
- XXXII. **Synthesis and evaluation of antiviral activity of some novel heterocyclic thiourea compounds**  
TATAR E., KÜÇÜKGÜZEL İ., KÜÇÜKGÜZEL Ş. G., KARAKUŞ S., DE CLERCQ E., Andrei G., Snoeck R.  
3rd International Meeting on Pharmacy & Pharmaceutical Sciences, 9 - 12 June 2010
- XXXIII. **Synthesis and Antiviral Evaluation of 2 4 Benzyl 5 Substituted 4H 1 2 4 Triazol 3 yl Sulfanyl N Substitutedphenyl Acetamide derivatives**  
KULABAŞ N., KÜÇÜKGÜZEL İ., TATAR E., DE CLERCQ E., ANDREI G., SNOECK R., PANNECOUQUE C.  
Third International Meeting on Pharmacy and Pharmaceutical Sciences (IMPPS-3), İstanbul, Turkey, 9 - 12 June 2010
- XXXIV. **Synthesis and biological activity of 2 2 fluoro 4 biphenyl propanoic acid hydrazide derivatives**  
Tatar E., Süzgül P., Küçükgülzel Ş. G., Küçükgülzel İ., Şahin F., Yurdakul D., Kaushik Basu N., Krishnan R.

- 3rd International Meeting on Pharmacy & Pharmaceutical Sciences, İstanbul, Turkey, 9 - 12 June 2010
- XXXV. **A Stability Indicating UPLC method for the determination of Levofloxacin and its related compounds**  
İçin H., Odabaşı S., KÜÇÜKGÜZEL İ., TATAR E.  
3rd International Meeting on Pharmacy & Pharmaceutical Sciences, 9 - 12 June 2010
- XXXVI. **2 Aroilamino 3 metilbütirik asid hidrazidi nden türeyen 1 3 tiyazolidin 4 onlar ın sentezi ve yapılarının aydınlatılması**  
TATAR E., KÜÇÜKGÜZEL İ., DE CLERCQ E., ANDREI G., SNOECK R., PANNECOUQUE C.  
II.Ulusal Farmasötik Kimya Kongresi, Mersin, Turkey, 13 - 15 November 2009
- XXXVII. **3 2 Arylamino 3 methylbutanamido 2 aryl 5 substituted non substituted 1 3 thiazolidine 4 ones as antiviral agents**  
Tatar E., Küçükgülzel İ., De Clercq E.  
5th International Symposium on Pharmaceutical Chemistry, İstanbul, Turkey, 5 - 07 September 2007
- XXXVIII. **Synthesis characterisation and antiviral activity of novel 1 3 thiazolidine 4 ones derived from new 1 2 benzoylamino 3 metylbutyryl 4 alkyl arylalkyl thiosemicarbazides**  
TATAR E., KÜÇÜKGÜZEL İ., DE CLERCQ E.  
5th International Symposium on Pharmaceutical Chemistry, 5 - 07 September 2007
- XXXIX. **2 Aroilamino 4 Metiltiyo bütirik asit hidrazidi nden türeyen 1 3 tiyazolidin 4 on ların sentezi ve yapılarının aydınlatılması**  
Tatar E., Küçükgülzel İ., Şahin F., Güllüce M., De Clercq E.  
Marmara Üniversitesi Sağlık Bilimleri Enstitüsü 8.Yüksek Lisans ve Doktora Günleri, İstanbul, Turkey, 15 June 2007
- XL. **2 Aroilamino 4 metiltiyo bütirik asit hidrazidi nden türeyen yeni açiltiyosemikarbazidler ve 1 3 tiyazolidin 4 on ların sentezi ve yapılarının aydınlatılması**  
Tatar E., Küçükgülzel İ., Şahin F., Güllüce M., De Clercq E.  
I.Ulusal Farmasötik Kimya Kongresi, İstanbul, Turkey, 11 - 12 November 2006
- XLI. **Evaluation of novel 4 thiazolidinone derivatives as inhibitors of Hepatitis C virus NS5B and SARS CoV polymerase**  
Kaushikbasu N., Bopda Waffo A., Basu A., Chen Y., Talale T., Tatar E., Küçükgülzel İ.  
19th International Symposium on Medicinal Chemistry, İstanbul, Turkey, 29 August - 02 September 2006
- XLII. **Synthesis and biological evaluation of some new 4 thiazolidinones as chemotherapeutic agents**  
Feyza Y. D., Tatar E., Küçükgülzel İ., Küçükgülzel Ş. G., De Lercq E., Şahin F., Bayrak Ö. F.  
19th International Symposium on Medicinal Chemistry, İstanbul, Turkey, 29 August - 02 September 2006
- XLIII. **Synthesis of some novel thiourea derivatives obtained from 5 4 aminophenoxy methyl 4 methyl 2 4 dihydro 3H 1 2 4 triazole 3 thiones and evaluation as antiviral anti HIV agents**  
Küçükgülzel İ., Tatar E., Küçükgülzel Ş. G., Rollas S., Erik D. C.  
International Symposium on Medicinal Chemistry Research and Development, İzmir, Turkey, 28 September - 01 October 2005
- XLIV. **Synthesis of some novel heterocyclic compounds derived from diflunisal hydrazide as potential antimicrobial and antiviral agents**  
KÜÇÜKGÜZEL Ş. G., KÜÇÜKGÜZEL İ., TATAR E., Sevim R., ŞAHİN F., GÜLLÜCE M., Erik D. C.  
2nd International Meeting on Medicinal and Pharmaceutical Chemistry, 10 - 14 October 2004
- XLV. **Synthesis characteriaztion and screening of antimicrobial antituberculosis and antiviral activity of novel 1 3 thiazolidine 4 ones derived from 1 2 benzoylamino 4 methylthio butyryl 4 alkyl aryl thiosemicarbazides**  
TATAR E., KÜÇÜKGÜZEL İ., Erik D. C., ŞAHİN F., GÜLLÜCE M.  
2nd International Meeting on Medicinal and Pharmaceutical Chemistry, 10 - 14 October 2004

## Supported Projects

Şenkardeş S., Tatar E., Project Supported by Higher Education Institutions, " N-(arilsülfonil)amino asitlerden türeyen hidrazit-hidrazonların sentezi ve yapılarının aydınlatılması, 2010 - 2012



Tatar E., Küçükgülzel Ş. G., Project Supported by Higher Education Institutions, 2-(4-Fluorobifenil-3-il)-propiyonik asitten türeyen heterosiklik bileşiklerin sentezi ve biyolojik etkileri, 2007 - 2009  
Tatar E., Küçükgülzel İ., Project Supported by Higher Education Institutions, Bazı heteroaromatik bileşikler ve bunlardan türeyen tiyoüre türevlerinin sentezi, antitüberküler ve antiviral etkileri, 2006 - 2009  
Tatar E., Küçükgülzel İ., Project Supported by Higher Education Institutions, 2-(Benzoilamino)-3-Metilbütirik asit hidraziti'nden türeyen 1,3-tiyazolidin-4-onlar'ın sentezi ve yapılarının aydınlatılması, 2007 - 2008

## Activities in Scientific Journals

JOURNAL OF RESEARCH IN PHARMACY, Assistant Editor/Section Editor, 2022 - Continues  
Journal of Research in Pharmacy, Assistant Editor/Section Editor, 2012 - 2020

## Scientific Refereeing

JOURNAL OF THE EGYPTIAN NATIONAL CANCER INSTITUTE, Journal Indexed in ESCI, June 2023  
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, May 2023  
JOURNAL OF MOLECULAR STRUCTURE, Journal Indexed in SCI-E, October 2022  
JOURNAL OF THE EGYPTIAN NATIONAL CANCER INSTITUTE, Journal Indexed in ESCI, October 2022  
ARABIAN JOURNAL OF CHEMISTRY, SCI Journal, January 2022  
İstanbul Journal of Pharmacy, Journal Indexed in ESCI, January 2022  
Project Supported by Higher Education Institutions, BAP Research Project, Izmir Katip Celebi University, Turkey, January 2022  
Journal of the Egyptian National Cancer Institute, Journal Indexed in ESCI, December 2021  
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, November 2020  
BIOORGANIC CHEMISTRY, SCI Journal, November 2020  
JOURNAL OF RESEARCH IN PHARMACY (ONLINE), National Scientific Refreed Journal, July 2020  
JOURNAL OF MOLECULAR STRUCTURE, SCI Journal, June 2020  
Project Supported by Higher Education Institutions, BAP Research Project, Erzincan Binali Yildirim University, Turkey, June 2020  
BIOORGANIC CHEMISTRY, SCI Journal, May 2020  
BIOORGANIC CHEMISTRY, SCI Journal, May 2020  
JOURNAL OF RESEARCH IN PHARMACY (ONLINE), National Scientific Refreed Journal, May 2019  
HAYDARPAŞA NUMUNE EĞİTİM VE ARAŞTIRMA HASTANESİ TIP DERGİSİ, National Scientific Refreed Journal, April 2018

## Tasks In Event Organizations

Tatar E., Elçioğlu H. K., 1ST ACTA PHARMACEUTICA SCIENCIA INTERNATIONAL SYMPOSIUM (APSIS) SOCIAL & ADMINISTRATIVE PHARMACY, Scientific Congress, Turkey, Haziran 2023  
Tatar E., Current Research Topics in Pharmacy: Pharmacology Debates, Scientific Congress, İstanbul, Turkey, Nisan 2023  
Tatar E., Current Research Topics in Pharmacy: Therapeutic Drug Monitoring, Scientific Congress, Turkey, Mart 2023  
Tatar E., Current Research Topics in Pharmacy: Drug Delivery, Scientific Congress, İstanbul, Turkey, Şubat 2023  
Tatar E., Current Research Topics in Pharmacy : In silico Approaches for Drug Design and Discovery , Scientific Congress, İstanbul, Turkey, Ocak 2023  
Tatar E., Kabasakal L., Current Research Topics in Pharmacy: Microbiology Debates, Scientific Congress, Turkey, Aralık 2022  
Tatar E., Kabasakal L., Current Research Topics in Pharmacy : Herbal Drug Research, Scientific Congress, Turkey, Kasım 2022  
Tatar E., Scientific Congress, İstanbul, Turkey, Kasım 2016

Türe A., Tatar E., 4th International Meeting on Pharmacy and Pharmaceutical Sciences, Scientific Congress, Turkey, Eylül 2014

## Metrics

Publication: 76

Citation (WoS): 625

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H-Index (WoS): 11

H-Index (Scopus): 11

## Congress and Symposium Activities

Konferenca E V-Të Farmaceutike- Së Bashku Për Farmaceutikën, Invited Speaker, Tirane, Albania, 2018

Trakya University, Association of Thrace Universities, 1st International Health Sciences Congress, Invited Speaker, Edirne, Turkey, 2017

4th Pharmaceutical with Theme "10 years of foundation of Albanan Order of Pharmacists", Invited Speaker, Tirane, Albania, 2016

International Multidisciplinary Symposium on Drug Research & Development , Working Group, Eskişehir, Turkey, 2015

11th International Symposium on Pharmaceutical Sciences (ISOPS-11), Working Group, Ankara, Turkey, 2015

3rd Congress of Pharmacists of Bosnia and Herzegovina with International Participation, Working Group, Sarajevo, Bosnia And Herzegovina, 2015

4th International Meeting on Pharmacy and Pharmaceutical Sciences (IMPPS-4), Working Group, İstanbul, Turkey, 2014

10th International Symposium on Pharmaceutical Sciences, Working Group, Ankara, Turkey, 2012

International Symposium on Drug Research and Development "From Chemistry to Medicine & New Horizons and Job Oppurtinities for Young Scientists", Working Group, İstanbul, Turkey, 2011

Third International Meeeting on Phamacy and Pharmaceutical Sciences (IMPPS-3), Working Group, İstanbul, Turkey, 2010

II.Ulusal Farmasötik Kimya Kongresi, Working Group, Mersin, Turkey, 2009

5th International Symposium on Pharmaceutical Chemistry, Working Group, İstanbul, Turkey, 2007

6th AFMC International Medicinal Chemistry Symposium, Working Group, İstanbul, Turkey, 2007

I.Ulusal Farmasötik Kimya Kongresi, Working Group, İstanbul, Turkey, 2006

XIXth International Symposium on Medicinal Chemistry (ISMC 2006), Working Group, İstanbul, Turkey, 2006

International Symposium on Medicina Chemistry Research and Development 2005 (MCRD 2005), Working Group, İzmir, Turkey, 2005