

Prof. Özlen GÜZEL AKDEMİR

Personal Information

Office Phone: [+90 212 455 5700](tel:+902124555700) Extension: 13440

Email: oguzel@istanbul.edu.tr

Web: <http://aves.istanbul.edu.tr/oguzel/>

Education Information

Doctorate, İstanbul Üniversitesi, Faculty of Pharmacy , Farmasötik Kimya, Turkey 2000 - 2005

Post Graduate, İstanbul Üniversitesi, Faculty of Pharmacy , Farmasötik Kimya, Turkey 1997 - 2000

Under Graduate, İstanbul Üniversitesi, Faculty of Pharmacy , Turkey 1993 - 1997

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, N-metilsakkarinin kükürlü türevlerinin sentezi, yapılarının aydınlatılması ve biyolojik etkilerinin incelenmesi, İstanbul University, Faculty of Pharmacy , Farmasötik Kimya, 2005

Post Graduate, Primer amin grubu taşıyan bazı ilaç maddelerinin spektrofotometrik miktar tayini, İstanbul University, Faculty of Pharmacy , Farmasötik Kimya, 2000

Research Areas

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

Academic Titles / Tasks

Professor, İstanbul University, Faculty of Pharmacy , Department of Professional Pharmaceutical Sciences, 2016 - Continues

Associate Professor, İstanbul University, Faculty of Pharmacy , Farmasötik Kimya, 2011 - 2016

Assistant Professor, İstanbul University, Faculty of Pharmacy , Farmasötik Kimya, 2008 - 2011

Research Assistant, İstanbul Üniversitesi, Faculty of Pharmacy , Farmasötik Kimya, 1997 - 2008

Courses

Farmasötik Kimya IV, Under Graduate, 2012 - 2013, 2016 - 2017

Antikanser ve Antiviral İlaçlar, Doctorate, 2016 - 2017

Farmasötik Kimya II, Under Graduate, 2015 - 2016

Organik Kimya, Under Graduate, 2012 - 2013, 2015 - 2016, 2016 - 2017

Organik Kimyada Reaksiyon Mekanizmaları, Doctorate, 2016 - 2017

İleri Organik Kimya, Post Graduate, 2012 - 2013

Bilimsel Araştırma ve Literatür Tarama, Under Graduate, 2011 - 2012, 2012 - 2013

UV ve IR spektroskopileri ve İlaçlara uygulanması, Post Graduate, 2010 - 2011, 2011 - 2012, 2012 - 2013

Advising Theses

GÜZEL AKDEMİR Ö., 3-Fenil-5-sülfamoil-1H-indol artığı taşıyan spirotriazolidinon türevlerinin sentezi, yapı tayini ve biyolojik etkilerinin incelenmesi, Post Graduate, M.Özbek(Student), 2015

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

- **Novel Indole-Based Hydrazones as Potent Inhibitors of the alpha-class Carbonic Anhydrase from Pathogenic Bacterium *Vibrio cholerae***
Demir-Yazici K., Guzel-Akdemir Ö., Angeli A., Supuran C. T. , Akdemir A.
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.21, 2020 (Journal Indexed in SCI)
- **Development of Thiazolidinones as Fungal Carbonic Anhydrase Inhibitors**
Guezel-Akdemir Ö., Carradori S., Grande R., Demir-Yazici K., Angeli A., Supuran C. T. , AKDEMİR A.
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.21, 2020 (Journal Indexed in SCI)
- **Indole-Based Hydrazones Containing A Sulfonamide Moiety as Selective Inhibitors of Tumor-Associated Human Carbonic Anhydrase Isoforms IX and XII**
Demir-Yazici K., Bua S., Akgunes N. M. , AKDEMİR A., Supuran C. T. , Guzel-Akdemir O.
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.20, 2019 (Journal Indexed in SCI)
- **Novel thiazolidinone-containing compounds, without the well-known sulphonamide zinc-binding group acting as human carbonic anhydrase IX inhibitors**
Guzel-Akdemir O., Angeli A., Demir K., Supuran C. T. , AKDEMİR A.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.33, pp.1299-1308, 2018 (Journal Indexed in SCI)
- **Isatin analogs as novel inhibitors of *Candida* spp. beta-carbonic anhydrase enzymes**
AKDEMİR A., Guzel-Akdemir O., Karali N., Supuran C. T.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.24, pp.1648-1652, 2016 (Journal Indexed in SCI)
- **Discovery of novel isatin-based sulfonamides with potent and selective inhibition of the tumor-associated carbonic anhydrase isoforms IX and XII**
Guzel-Akdemir O., AKDEMİR A., Karali N., Supuran C. T.
ORGANIC & BIOMOLECULAR CHEMISTRY, vol.13, pp.6493-6499, 2015 (Journal Indexed in SCI)
- **Structural study of the location of the phenyl tail of benzene sulfonamides and the effect on human carbonic anhydrase inhibition**
Guzel-Akdemir O., Biswas S., Lastra K., McKenna R., Supuran C. T.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.21, pp.6674-6680, 2013 (Journal Indexed in SCI)
- **Inhibition of tumor-associated human carbonic anhydrase isozymes IX and XII by a new class of substituted-phenylacetamido aromatic sulfonamides**
AKDEMİR A., Guzel-Akdemir O., Scozzafava A., Capasso C., Supuran C. T.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.21, pp.5228-5232, 2013 (Journal Indexed in SCI)
- **A Class of Sulfonamides with Strong Inhibitory Action against the alpha-Carbonic Anhydrase from *Trypanosoma cruzi***
Guzel-Akdemir O., AKDEMİR A., Pan P., Vermelho A. B. , Parkkila S., Scozzafava A., Capasso C., Supuran C. T.
JOURNAL OF MEDICINAL CHEMISTRY, vol.56, pp.5773-5781, 2013 (Journal Indexed in SCI)
- **o-Benzenedisulfonimido-sulfonamides are potent inhibitors of the tumor-associated carbonic anhydrase isoforms CA IX and CA XII**
Guzel-Akdemir O., Akdemir A., Işık S., Vullo D., Supuran C. T.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.21, pp.1386-1391, 2013 (Journal Indexed in SCI)
- **Conformational variability of different sulfonamide inhibitors with thienyl-acetamido moieties attributes to differential binding in the active site of cytosolic human carbonic anhydrase isoforms**
Biswas S., Aggarwal M., GÜZEL Ö., Scozzafava A., McKenna R., Supuran C. T.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.19, 2011 (Journal Indexed in SCI)
- **Carbonic anhydrase inhibitors. The β -carbonic anhydrases from the fungal pathogens *Cryptococcus neoformans* and *Candida albicans* are strongly inhibited by substituted-phenyl-1H-indole-5-sulfonamides**

- GÜZEL Ö., Maresca A., Hall R. A. , Scozzafava A., Mastrolorenzo A., Mühlischlegel F. A. , Supuran C. T.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.20, pp.2508-2511, 2010 (Journal Indexed in SCI)
- **3-Phenyl-1H-Indole-5-Sulfonamides: Structure-Based Drug Design of a Promising Class of Carbonic Anhydrase Inhibitors**
Guzel O., Innocenti A., Vullo D., Scozzafava A., Supuran C. T.
CURRENT PHARMACEUTICAL DESIGN, vol.16, pp.3317-3326, 2010 (Journal Indexed in SCI)
 - **Synthesis and biological evaluation of new 4-thiazolidinone derivatives**
Guzel O., Salman A.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.24, pp.1015-1023, 2009 (Journal Indexed in SCI)
 - **Carbonic anhydrase inhibitors. Aromatic/heterocyclic sulfonamides incorporating phenacetyl, pyridylacetyl and thienylacetyl tails act as potent inhibitors of human mitochondrial isoforms VA and VB**
Guzel O., Innocenti A., Scozzafava A., Salman A., Supuran C. T.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.17, pp.4894-4899, 2009 (Journal Indexed in SCI)
 - **Discovery of Low Nanomolar and Subnanomolar Inhibitors of the Mycobacterial beta-Carbonic Anhydrases Rv1284 and Rv3273**
Guzel O., Maresca A., Scozzafava A., Salman A., Balaban A. T. , Supuran C. T.
JOURNAL OF MEDICINAL CHEMISTRY, vol.52, pp.4063-4067, 2009 (Journal Indexed in SCI)
 - **Carbonic anhydrase inhibitors. Aromatic/heterocyclic sulfonamides incorporating phenacetyl, pyridylacetyl and thienylacetyl tails act as potent inhibitors of human mitochondrial isoforms VA and VB**
GÜZEL Ö., Innocenti A., Scozzafava A., Salman A., Supuran C. T.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.17, pp.4894-4899, 2009 (Journal Indexed in SCI)
 - **Carbonic anhydrase inhibitors. Phenacetyl-, pyridylacetyl- and thienylacetyl-substituted aromatic sulfonamides act as potent and selective isoform VII inhibitors**
GÜZEL Ö., Innocenti A., Scozzafava A., Salman A., Supuran C. T.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.19, pp.3170-3173, 2009 (Journal Indexed in SCI)
 - **Carbonic anhydrase inhibitors. The nematode alpha-carbonic anhydrase of Caenorhabditis elegans CAH-4b is highly inhibited by 2-(hydrazinocarbonyl)-3-substituted-phenyl-1H-indole-5-sulfonamides**
Guzel O., Innocenti A., Hall R. A. , Scozzafava A., Mühlischlegel F. A. , Supuran C. T.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.17, pp.3212-3215, 2009 (Journal Indexed in SCI)
 - **Carbonic anhydrase inhibitors. Synthesis of 2,4,6-trimethylpyridinium derivatives of 2-(hydrazinocarbonyl)-3-aryl-1H-indole-5-sulfonamides acting as potent inhibitors of the tumor-associated isoform IX and XII**
GÜZEL Ö., Maresca A., Scozzafava A., Salman A., Balaban A. T. , Supuran C. T.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.19, pp.2931-2934, 2009 (Journal Indexed in SCI)
 - **Crystal Structure of 1,1,3-trioxo-2,3-dihydro-1,2-benzisothiazol-2-ylmethyl 4-phenyl Piperazine-1-carbodithioate, C₁₉H₁₉N₃O₃S₃.**
AKKURT M., Yalçin S. P. , Guzel O., Salman A., BÜYÜKGÜNGÖR O.
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.65, 2009 (Journal Indexed in SCI)
 - **Crystal Structure of 1,1,3-trioxo-2,3-dihydro-1,2-benzisothiazol-2-ylmethyl 4-phenyl piperazine-1-carbodithioate, C₁₉H₁₉N₃O₃S₃**
AKKURT M., Yalçin S. P. , Guzel O., Salman A., BÜYÜKGÜNGÖR O.
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.65, 2009 (Journal Indexed in SCI)
 - **Carbonic anhydrase inhibitors. Interaction of 2-(hydrazinocarbonyl)-3-phenyl-1H-indole-5-sulfonamide with 12 mammalian isoforms: kinetic and X-ray crystallographic studies**
GÜZEL Ö., Temperini C., Innocenti A., Scozzafava A., Salman A., Supuran C. T.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.18, pp.152-158, 2008 (Journal Indexed in SCI)
 - **N-(2,6-dimethyl-3-oxo-1-thia-4-azaspiro[4.5]dec-4-yl)-2-hydroxy-2,2-diphenylacetamide**
Yalçin S. P. , AKKURT M., ŞAHİN E., Guzel O., Salman A., İhan E.
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, vol.64, 2008 (Journal Indexed in SCI)
 - **Synthesis and antituberculosis activity of 5-methyl/trifluoromethoxy-1H-indole-2,3-dione 3-thiosemicarbazone derivatives**

Guzel O., Karali N., Salman A.

BIOORGANIC & MEDICINAL CHEMISTRY, vol.16, pp.8976-8987, 2008 (Journal Indexed in SCI)

- **Carbonic anhydrase inhibitors. Synthesis and inhibition studies against mammalian isoforms I – XV with a series of 2-(hydrazinocarbonyl)-3-substituted-phenyl-1H-indole-5-sulfonamides**

GÜZEL Ö., Innocenti A., Scozzafava A., Salman A., Parkkila S., Hilvo M., Supuran C. T.

BIOORGANIC & MEDICINAL CHEMISTRY, vol.16, pp.9113-9120, 2008 (Journal Indexed in SCI)

- **Synthesis and antituberculosis activity of 5-methyl/trifluoromethoxy-1H-indole-2,3-dione-3-thiosemicarbazone derivatives**

GÜZEL Ö., Karali N., Salman A.

BIOORGANIC & MEDICINAL CHEMISTRY, vol.16, pp.8976-8987, 2008 (Journal Indexed in SCI)

- **Crystal structure of (1,1-dioxido-3-oxo-1,2-benzisothiazol-2(3H)-yl)methyl O-propyl dithiocarbonate**

Akkurt M., Yalçın Ş. P. , Büyükgüngör O., GÜZEL Ö., Salman A.

ANALYTICAL SCIENCES, vol.24, 2008 (Journal Indexed in SCI)

- **1,1,3-Trioxo-2,3-dihydro-1,2-benzisothiazol-2-ylmethyl 4-phenylpiperazine-1-carbodithioate**

Akkurt M., Yalçın Ş. P. , GÜZEL Ö., Salman A., Büyükgüngör O.

Acta Crystallographica, vol.E63, 2007 (Journal Indexed in SCI)

- **O-Butyl S-(1,1,3-trioxobenz[d]isothiazol-2-yl)methyl dithiocarbonate**

Akkurt M., Karaca S., Şahin E., GÜZEL Ö., Salman A.

Acta Crystallographica, vol.E63, 2007 (Journal Indexed in SCI)

- **N-(2,6-dimethyl-3-oxo-1-thia-4-azaspiro[4.5]dec-4-yl)-2-hydroxy-2,2-diphenylacetamide**

Yalçın Ş. P. , Akkurt M., Şahin E., GÜZEL Ö., Salman A., İlhan E.

Acta Crystallographica, vol.E64, 2007 (Journal Indexed in SCI)

- **2-Hydroxy-N-(3-oxo-1-thia-4-azaspiro[4.5]dec-4-yl)-2,2-diphenylacetamide.**

Akkurt M., Karaca S., Şahin E., GÜZEL Ö., Salman A., İlhan E.

Acta Crystallographica, vol.E63, 2007 (Journal Indexed in SCI)

- **Synthesis, antimycobacterial and antitumor activities of new (1,1-dioxido-3-oxo-1,2-benzisothiazol-2(3H)-yl)methyl N,N-disubstituted dithiocarbamate/O-alkyldithiocarbonate derivatives**

Guzel O., Salman A.

BIOORGANIC & MEDICINAL CHEMISTRY, vol.14, pp.7804-7815, 2006 (Journal Indexed in SCI)

- **Synthesis, antimycobacterial and antitumor activities of new (1,1-dioxido-3-oxo-1,2-benzisothiazol-2(3H)-yl)methyl N,N-disubstituted dithiocarbamate / O-alkyldithiocarbonate derivatives**

GÜZEL Ö., Salman A.

BIOORGANIC & MEDICINAL CHEMISTRY, vol.14, pp.7804-7815, 2006 (Journal Indexed in SCI)

Articles Published in Other Journals

- **Evaluation of new 2-hydroxy-N-(4-oxo-2-substituted phenyl-1,3-thiazolidin-3-yl)-2-phenylacetamide derivatives as potential antimycobacterial agents**

Güzel Akdemir Ö., Demir Yazıcı K., Trawally M., Dingiş-Birgül S. İ. , Akdemir A.

Organic Communications, vol.2, no.1, pp.33-50, 2020 (Journal Indexed in ESCI)

- **Antimicrobial and antiviral activity of spiroindolinones bearing benzothiazolines moiety**

GÜZEL Ö., KARALI N. L. , ERMUT G., BİRTEKSÖZ TAN A. S.

J Fac.Pharm. Istanbul, vol.43, pp.1-11, 2013 (National Refreed University Journal)

- **Spectrophotometric determination of drugs having primary amine group with p-dimethylaminocinnamaldehyde**

GÜZEL Ö., Salman A.

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.4(1), pp.31-39, 2007 (Other Refreed National Journals)

Book & Book Chapters

- **in: Carbonic Anhydrases as Biocatalysts from Theory to Medical and Industrial Applications**

Akdemir A., GÜZEL AKDEMİR Ö.

The Structure, Physiological Role, and Potential Medicinal Applications of Carbonic Anhydrase V, Claudiu T.

Supuran, Giuseppina De Simone, Editor, Elsevier Science, Oxford/Amsterdam , Amsterdam, pp.125-136, 2015

Refereed Congress / Symposium Publications in Proceedings

- **Synthesis and Inhibitory Activity of 2-(alkylidene/arylidene)-N-(2-(non) substituted-3/4-sulfamoylphenyl)hydrazine-1-carbothioamide Derivatives Tumor-Associated Carbonic Anhydrase hCA IX and hCA XII Inhibitors**
Trawally M., Demir Yazıcı K., Güzel Akdemir Ö.
8th International Drug Chemistry Conference, Antalya, Turkey, 27 February - 01 March 2020, pp.235
- **The Ongoing Quest for Selective hCA IX/XII Inhibitors**
Güzel Akdemir Ö., Trawally M., Demir Yazıcı K., Akdemir A., Angeli A., Supuran C. T.
8th International Drug Chemistry Conference, Antalya, Turkey, 27 February - 01 March 2020, pp.307
- **Inhibition of the α -class Carbonic Anhydrase from *Vibrio cholera*(VchCA) with Novel Sulfonamido based Hydrazones**
Güzel Akdemir Ö., Demir Yazıcı K.
8th International Drug Chemistry Conference, Antalya, Turkey, 27 February - 01 March 2020, pp.69
- **New Sulfonamidoindole Based Hydrazones as Potent and Selective Inhibitors of Tumour-Related Human Carbonic Anhydrase IX and XII Isoforms**
DEMİR YAZICI K., Bua S., Akdemir A., Supuran C., GÜZEL AKDEMİR Ö.
4th Satellite International Meeting on Carbonic Anhydrase, Parma, Italy, 14 - 17 November 2019, vol.1, no.1, pp.11
- **Design and synthesis of novel indole based hydrazones containing sulfonamide moiety as selective inhibitors of tumour-associated carbonic anhydrase isoforms IX and XII**
DEMİR YAZICI K., Bua S., Akdemir A., Supuran C., GÜZEL AKDEMİR Ö.
4th Satellite International Meeting on Carbonic Anhydrase, Parma, Italy, 14 - 17 November 2019, vol.1, no.1, pp.10
- **Design, synthesis and anticancer activity of 2- (hydrazinocarbonyl)-3-phenyl-1H-indole-5-sulfonamide based thiosemicarbazides**
DEMİR YAZICI K., Bua S., Nocentini A., Akdemir A., Supuran C., GÜZEL AKDEMİR Ö.
4th Satellite International Meeting on Carbonic Anhydrase, Parma, Italy, 14 - 17 November 2019, pp.1
- **Tiyazolidinon iskeleti taşıyan bazı yeni bileşiklerin sentezi, yapılarının aydınlatılması ve antikanser aktivitelerinin incelenmesi**
DEMİR YAZICI K., GÜZEL AKDEMİR Ö.
2. Ulusal Marmara Eczacılık Kongresi (UMEK-2018), İstanbul, Turkey, 14 - 16 November 2018, pp.111
- **Molecular modelling studies to guide synthesis programs of new thiourea compounds as putative inhibitors of hCA IX/XII and VcCA.**
DEMİR K., Güzel Akdemir Ö., Karalı N., Akdemir A.
3rd Satellite Meeting on Carbonic Anhydrase, Montecatini Terme, Italy, 24 - 27 May 2017, pp.68
- **Structurally novel thiazolidinone-containing compounds that do not contain sulfonamide groups display antifungal activity**
GÜZEL AKDEMİR Ö., Carradori S., Rivanera D., Çapan G., Akdemir A.
3rd Satellite Meeting on Carbonic Anhydrase, Montecatini Terme, Italy, 24 - 27 May 2017, pp.69
- **1H-indole-2,3-dione 3-[N-(4-sulfamoylphenyl)thiosemicarbazone] derivatives as putative anticancer and antifungal agents**
Akdemir A., KARALI N. L. , Supuran C. T. , GÜZEL AKDEMİR Ö.
7th European Congress of Pharmacology EPHAR 2016, İstanbul, Turkey, 27 - 30 June 2016, pp.1
- **Substituted-phenylacetamido aromatic sulfonamides are potent inhibitors of human and *Trypanosoma cruzi* carbonic anhydrases**
GÜZEL AKDEMİR Ö., Akdemir A., Pan P., Vermelho A. B. , Parkkila S., Scozzafava A., Capasso C., Supuran C.
10th International Carbonic Anhydrase Conference, Maastricht, Netherlands, 20 - 22 April 2015, pp.48
- **Pyridinium Derivatives of 3-Aminobenzensulfonamide-Structure-Activity Relationship as Carbonic Anhydrase Inhibitors**
Akocak S., GÜZEL Ö., Supuran C., Ilies M. A.

9th International Conference on the Carbonic Anhydrases, Antalya, Turkey, 11 - 15 April 2012, pp.84

- **Potent Inhibitors of Mitochondrial Carbonic Anhydrase Isozyme CA-VA and CA-VB and brain associated isozyme CA-VII**

Akdemir A., GÜZEL Ö., Supuran C.

9th International Conference on the Carbonic Anhydrases, Antalya, Turkey, 11 - 15 April 2012, pp.67

- **5-triflorometoksi-1H-İndol-2,3-Dion 3-Tiyosemikarbazon Türevlerinin Miyeloid, Lenfoid Lösemi Hücreleri ve Akut Lenfoblastik Lösemi Hastalarının Periferik Kan Mononükleer Hücreleri Üzerine Sitotoksik Etkileri.**

Çetin M. B. , Karadenizli S., Kuruca D. S. , Karalı N. L. , Güzel Akdemir Ö., Akgün Dar K., Gürel E.

III. Multidisipliner Kanser Araştırma Sempozyumu Teorik Metot Çalıştayı, Bursa, Turkey, 14 - 17 March 2010, pp.40

- **Carbonic anhydrase inhibitors. The nematode γ -carbonic anhydrase of *Caenorhabditis elegans* CAH-4b is highly inhibited by 2-(hydrazinocarbonyl)-3-substituted-phenyl-1H-indole-5-sulfonamides**

GÜZEL Ö., Innocenti A., Hall R. A. , Scozzafava A., Mühlischlegel F. A. , Supuran C.

8th International Conference on the Carbonic Anhydrases, Floransa, Italy, 16 - 19 September 2009, pp.43

- **Synthesis and biological evaluation of new 6-nitrosaccharin derivatives**

GÜZEL Ö., Salman A.

9th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 23 - 26 June 2009, pp.190

- **Discovery of low nanomolar and subnanomolar inhibitors of the mycobacterial γ -carbonic anhydrases Rv1284 and Rv3273**

GÜZEL Ö., Maresca A., Scozzafava A., Salman A., Balaban A. T. , Supuran C.

9th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 23 - 26 June 2009, pp.188

- **Synthesis of new 4-thiazolidinone derivatives as potential antimycobacterial and antitumor agents**

GÜZEL Ö., Salman A.

3rd International Meeting on Medicinal and Pharmaceutical Chemistry (IMMPC-3), Antalya, Turkey, 16 - 21 October 2007, pp.70

- **Synthesis and antimycobacterial activity of new 4-thiazolidinone derivatives**

GÜZEL AKDEMİR Ö., Salman A., ÇAPAN G.

3rd International Meeting on Medicinal and Pharmaceutical Chemistry, Antalya, Turkey, 16 - 21 October 2007, pp.1

- **Synthesis, characterization and antituberculosis activity of spiroindolinones**

Karalı N., GÜZEL Ö., Salman A.

5th International symposium on Pharmaceutical Chemistry, İstanbul, Turkey, 5 - 07 September 2007, pp.80

- **Synthesis antimycobacterial and antitumor activities of new 5-bromo-N-(3-oxo-1-thia-4-azaspiro[4.4]non-4-yl)/N-(3-oxo-1-thia-4-azaspiro[4.5]dec-4-yl)-3-phenyl-1H-indole-2-carboxamide derivatives**

GÜZEL AKDEMİR Ö., ÇAPAN G., Salman A.

5 th International Symposium on Pharmaceutical Chemistry, İstanbul, Turkey, 5 - 07 September 2007, pp.57

- **Characterization and Antituberculosis Activity of Spiroindolinones**

KARALI N. L. , GÜZEL Ö., Salman A.

5th International Symposium on Pharmaceutical Chemistry, İstanbul, Turkey, 5 - 07 September 2007, pp.1

- **One-pot synthesis of novel substituted 4-morpholinoethyl-1-thia-4-azaspiro[4.5]decan-3-one**

Terzioğlu N., GÜZEL Ö., Gürsoy A.

3rd International Conference on Multi-Component Reactions and Related Chemistry, Amsterdam, Netherlands, 9 - 13 July 2006, pp.129

- **One-pot synthesis synthesis of novel substituted 4-(3,4-dimethoxyphenyl)ethyl-1-thia-4-azaspiro[4.5]decan-3-ones**

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- **New 2-hydroxy-N-(4-oxo-2-substituted phenyl-1,3-thiazolidin-3-yl)-2-phenylacetamide derivatives: synthesis and antimicrobial evaluation**

GÜZEL Ö., Salman A., Terzioğlu N., Çapan G.

2ND International Meeting on Medicinal and Pharmaceutical Chemistry IMMPC-2, Antalya, Turkey, 10 October 2004 - 14 October 2002, pp.141

- **New 2-hydroxy-N-(4-oxo-2-substituted phenyl-1,3-thiazolidine-3-yl)-2-phenylacetamide derivatives: Synthesis and antimicrobial evaluation**

GÜZEL AKDEMİR Ö., Terzioğlu N., Salman A., ÇAPAN G.

2nd International Meeting on Medicinal and Pharmaceutical Chemistry, Antalya, Turkey, 10 - 14 October 2004, pp.141

- **Synthesis and antimicrobial evaluation of new 2-hydroxy-N-(4-oxo-2-substituted phenyl-1,3-thiazolidine-3-yl)-2-phenylacetamide derivatives**

GÜZEL AKDEMİR Ö., Salman A., ÇAPAN G.

4th International Symposium on Pharmaceutical Chemistry, İstanbul, Turkey, 17 - 19 September 2003, pp.169

- **Synthesis and antimicrobial evaluation of new 2-hydroxy-N-(4-oxo-2-substituted phenyl-1,3-thiazolidin-3-yl)-2-phenylacetamide derivatives**

GÜZEL Ö., Salman A., Çapan G.

4th International Symposium on Pharmaceutical Chemistry, İstanbul, Turkey, 17 September 2003 - 19 September 2002, pp.169-170

- **Spectrophotometric determination of some drugs incorporating primary amino functions**

GÜZEL Ö., Salman A.

1st International Meeting on Medicinal and Pharmaceutical Chemistry IMMPC-1, Ankara, Turkey, 25 - 28 September 2002, pp.78

- **Synthesis and antimycobacterial activity of new 2-hydroxy-N-(3-oxo-1-thia-4-azaspiro[4.4]non-4-yl)/(3-oxo-1-thia-4-azaspiro[4.5]dec-4-yl)-2-phenyl-acetamide derivatives**

GÜZEL Ö., Çapan G., İlhan E., Salman A.

1st International Meeting on Medicinal and Pharmaceutical Chemistry IMMPC-1, Ankara, Turkey, 25 - 28 September 2002, pp.79

- **Synthesis and antimicrobial evaluation of new 2-hydroxy-N-(3-oxo-1-thia-4-azaspiro[4.4]non-4-yl)/(3-oxo-1-thia-4-azaspiro[4.5]dec-4-yl)-2-phenylacetamide derivatives**

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3rd Satellite Meeting on Carbonic Anhydrase, Attendee, Firenze, Italy, 2017

10th International Carbonic Anhydrase Conference, Attendee, Maastricht, Netherlands, 2015

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9th International Conference on the Carbonic Anhydrases, Attendee, Antalya, Turkey, 2012

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9th International Symposium on Pharmaceutical Sciences (ISOPS), Attendee, Ankara, Turkey, 2009

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h-index (WOS):11