

## **Prof.Dr. Gültaze ÇAPAN**

### **Kişisel Bilgiler**

**İş Telefonu:** [+90 212 440 0000](tel:+902124400000) Dahili: 1345

**E-posta:** capang@istanbul.edu.tr

**Web:** <http://aves.istanbul.edu.tr/capang/>

### **Eğitim Bilgileri**

Doktora, İstanbul Üniversitesi, Eczacılık Fakültesi, Farmasötik Kimya Anabilim Dalı, Türkiye 1986 - 1990

Yüksek Lisans, İstanbul Üniversitesi, Eczacılık Fakültesi, Farmasötik Kimya Anabilim Dalı, Türkiye 1984 - 1986

Lisans, İstanbul Üniversitesi, Eczacılık Faakültesi, Türkiye 1971 - 1977

### **Yabancı Diller**

İngilizce, C1 İleri

### **Yaptığı Tezler**

Doktora, Metil 4-metoksi-3-oksobutanoat'tan Kazanılan Kenetlenme Ürünleri ve Bunlardan Oluşan Bazı

Hidrazonopirazolonlar, İstanbul Üniversitesi, Eczacılık Fakültesi, Farmasötik Kimya Anabilim Dalı, 1990

Yüksek Lisans, Bazı Hidrazid Hidrazonlar Üzerinde Çalışmalar, İstanbul Üniversitesi, Eczacılık Fakültesi, Farmasötik Kimya Anabilim Dalı, 1986

### **Araştırma Alanları**

Sağlık Bilimleri, Eczacılık, Meslek Bilimleri, Farmasötik Kimya

### **Akademik Unvanlar / Görevler**

Prof.Dr., İstanbul Üniversitesi, Eczacılık Fakültesi, Meslek Bilimleri, 1999 - Devam Ediyor

Doç.Dr., İstanbul Üniversitesi, Eczacılık Fakültesi, Meslek Bilimleri, 1993 - Devam Ediyor

Doktor, İstanbul Üniversitesi, Eczacılık Fakültesi, Meslek Bilimleri, 1990 - Devam Ediyor

Uzman, İstanbul Üniversitesi, Eczacılık Fakültesi, Meslek Bilimleri, 1986 - Devam Ediyor

Araştırma Görevlisi, İstanbul Üniversitesi, Eczacılık Fakültesi, Meslek Bilimleri, 1983 - Devam Ediyor

### **Verdiği Dersler**

NMR Spektroskopisi ve İlaçlara Uygulanması, Yüksek Lisans, 2015 - 2016, 2014 - 2015, 2013 - 2014

Farmasötik Kimya IV, Lisans, 2015 - 2016, 2014 - 2015

Antimikroiyal İlaçlar II, Doktora, 2015 - 2016

Farmasötik Kimya III, Lisans, 2015 - 2016, 2014 - 2015, 2013 - 2014

Farmasötik Kimya II, Lisans, 2013 - 2014

Organik moleküllerde yapı tayini uygulamaları, Doktora, 2014 - 2015

Antimikrobiyal İlaçlar II, Doktora, 2013 - 2014

Antihistaminik İlaçlar, Doktora, 2013 - 2014

Farmasötik Kimya II, Lisans, 2012 - 2013, 2010 - 2011

Farmasötik Kimya III, Lisans, 2012 - 2013, 2011 - 2012

NMR spektroskopisi ve İlaçlara Uygulanması, Yüksek Lisans, 2011 - 2012

Organik moleküllerde Yapı Tayini Uygulamaları, Doktora, 2012 - 2013

Kütle Spektroskopisi ve İlaçlara Uygulanması, Yüksek Lisans, 2011 - 2012

## **Yönetilen Tezler**

ÇAPAN G., 4-Ter-butilbenzohidrazidden Hareketle 4-Ter-butil-N-(3-okso-1-tiya-4-azapiro[4.5]dekan-4-il)benzamid

Tğrevlerinin Sentezi, Yapılarının Aydınlatılması ve Farmakolojik Etkilerinin Araştırılması, Yüksek Lisans,

Z.Halamoğlu(Öğrenci), Devam Ediyor

ÇAPAN G., İndol Türevi Spirotiyazolidinonların Sentezi ve Yapılarının Aydınlatılması, Yüksek Lisans, M.Zopun(Öğrenci),

2013

ÇAPAN G., İndol halkası taşıyan benziliden hidrazid ve 4-tiyazolidinon türevi bileşikler üzerine araştırmalar, Doktora, G.Cihan(Öğrenci), 2010

ÇAPAN G., İndol türevi spiroheterosiklik bileşikler üzerinde çalışmalar, Yüksek Lisans, G.Cihan(Öğrenci), 2005

ÇAPAN G., Yeni 3-fenil-5-metil-1H-indol-2-karbohidrazid türevlerinin sentezi ve yapı aydınlatması, Yüksek Lisans, D.Öztürk(Öğrenci), 2000

## **Jüri Üyelikleri**

Akademik Personel Sınavı, Araştırma görevlisi kadro sınavı, İstanbul Üniversitesi, Eylül, 2015

Tez Savunma (Yüksek Lisans), Yüksek Lisans Tez savunma Sınavı , İstanbul Üniversitesi, Temmuz, 2015

Doçentlik Sınavı, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, Nisan 2015, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, Nisan 2015, Nisan, 2015

## **SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler**

### **I. Design, synthesis, antitubercular and antiviral properties of new spirocyclic indole derivatives**

Cihan-Ustundag G., NAESENS L., Satana D., Erkose-Genc G., Mataraci-Kara E., Capan G.

MONATSHEFTE FÜR CHEMIE, cilt.150, sa.8, ss.1533-1544, 2019 (SCI-Expanded)

### **II. Diclofenac-Based Hydrazones and Spirothiazolidinones: Synthesis, Characterization, and Antimicrobial Properties**

Kocabalkanlı A., Cihan-Ustundag G., NAESENS L., Mataraci-Kara E., Nassozı M., Capan G.

ARCHIV DER PHARMAZIE, cilt.350, sa.5, 2017 (SCI-Expanded)

### **III. Indole-based hydrazide-hydrazones and 4-thiazolidinones: synthesis and evaluation as antitubercular and anticancer agents**

Cihan-Ustuendag G., Satana D., Ozhan G., Capan G.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.31, sa.3, ss.369-380, 2016 (SCI-Expanded)

### **IV. Synthesis and antiviral properties of novel indole-based thiosemicarbazides and 4-thiazolidinones**

Cihan-Ustundag G., Gursoy E., NAESENS L., Ulusoy-Guzeldemirci N., Capan G.

BIOORGANIC & MEDICINAL CHEMISTRY, cilt.24, sa.2, ss.240-246, 2016 (SCI-Expanded)

### **V. Synthesis, Characterization, Antimycobacterial and Anticancer Evaluation of New 1,2,4-Triazole Derivatives**

- Cihan-Ustundag G., Simsek B., Ilhan E., Capan G.  
LETTERS IN DRUG DESIGN & DISCOVERY, cilt.11, sa.3, ss.290-296, 2014 (SCI-Expanded)
- VI. **5-Fluoro-N'-(4-methylcyclohexylidene)-3-phenyl-1H-indole-2-carbohydrazide**  
Türktein-Çelikesir S., Akkurt M., CİHAN ÜSTÜNDAĞ G., ÇAPAN G., Büyükgüngör O.  
ACTA CRYSTALLOGRAPHICA SECTION A, cilt.69, ss.1211-1212, 2013 (SCI-Expanded)
- VII. **N-(4-Ethylcyclohexylidene)-5-fluoro-3- phenyl-1H-indole-2-carbohydrazide**  
Akkurt M., Türktein Çelikesir S., CİHAN ÜSTÜNDAĞ G., ÇAPAN G., Büyükgüngör O.  
ACTA CRYSTALLOGRAPHICA SECTION A, cilt.E69, ss.1331, 2013 (SCI-Expanded)
- VIII. **"5-Fluoro-N'-(4-Ethylcyclohexylidene)-3-Phenyl-1h-Indole-2-Carbohydrazide"**  
Akkurt M., Türktein Çelikesir S., Cihan G., ÇAPAN G., Büyükgüngör O.  
ACTA CRYSTALLOGRAPHICA SECTION A, cilt.69, ss.1331, 2013 (SCI-Expanded)
- IX. **Synthesis and evaluation of functionalized indoles as antimycobacterial and anticancer agents**  
Cihan-Ustundag G., Capan G.  
MOLECULAR DIVERSITY, cilt.16, sa.3, ss.525-539, 2012 (SCI-Expanded)
- X. **5-Chloro-4'-ethyl-3H-spiro[1,3-benzothiazole-2,1'-cyclohexan]**  
Akkurt M., CİHAN ÜSTÜNDAĞ G., ÇAPAN G., Türktein-Çelikesir S., Tahir M. N.  
ACTA CRYSTALLOGRAPHICA SECTION A, cilt.E68, ss.1466, 2012 (SCI-Expanded)
- XI. **4'-tert-Butyl-5-chloro-3H-spiro[1,3-benzothiazole-2,1'-cyclohexan]**  
Akkurt M., CİHAN ÜSTÜNDAĞ G., ÇAPAN G., Dağdemir Y., Tahir M. N.  
ACTA CRYSTALLOGRAPHICA SECTION A, cilt.E68, 2012 (SCI-Expanded)
- XII. **5-Fluoro-N'-(E)-4-methoxybenzylidene]-3-phenyl-1H-indole-2-carbohydrazide**  
AKKURT M., Celik I., Cihan G., Capan G., Buyukgungor O.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.66, 2010 (SCI-Expanded)
- XIII. **4-{3-[Hydroxy(phenyl)methyl]-5-thioxo-4,5-dihydro-1H-1,2,4-triazol-4-yl}benzenesulfonamide**  
AKKURT M., Celik I., Cihan G., Capan G., Buyukgungor O.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, cilt.66, 2010 (SCI-Expanded)
- XIV. **4-{3-[Hydroxy(phenyl)methyl]-5-thioxo-4,5-dihydro-1H-1,2,4-triazol-4-yl}-benzenesulfonamide**  
Akkurt M., Çelik İ., CİHAN ÜSTÜNDAĞ G., ÇAPAN G., Büyükgüngör O.  
ACTA CRYSTALLOGRAPHICA SECTION A, cilt.E66, ss.974-975, 2010 (SCI-Expanded)
- XV. **5-Fluoro-N'-(E)-4-methoxybenzylidene]-3-phenyl-1H-indole-2-carbohydrazide**  
Akkurt M., Çelik İ., CİHAN ÜSTÜNDAĞ G., ÇAPAN G., Büyükgüngör O.  
ACTA CRYSTALLOGRAPHICA SECTION A, cilt.E66, 2010 (SCI-Expanded)
- XVI. **2-[2-(2,6-Dichloroanilino)phenyl]-N'-(4-propylcyclohexylidene)acetohydrazide**  
AKKURT M., Nassozi M., Capan G., Kocabalkanli A., Celik I., Buyukgungor O.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.66, 2010 (SCI-Expanded)
- XVII. **Synthesis, structure, and antifungal evaluation of some novel 1,2,4-triazolylmercaptoacetylthiosemicarbazide and 1,2,4-triazolylmercaptopethyl-1,3,4-thiadiazole analogs**  
Klip N. T., Capan G., Gursoy A., Uzun M., Satana D.  
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, cilt.25, sa.1, ss.126-131, 2010 (SCI-Expanded)
- XVIII. **N'-(2Z)-3-Allyl-4-oxo-1,3-thiazolidin-2-ylidene]-5-fluoro-3-phenyl-1H-indole-2-carbohydrazide**  
AKKURT M., Karaca S., Cihan G., Capan G., Buyukgungor O.  
ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, cilt.65, 2009 (SCI-Expanded)
- XIX. **N'-(2Z)-3-Allyl-4-oxo-1,3-thiazolidin-2-ylidene]-5-fluoro-3-phenyl-1H-indole-2-carbohydrazide**  
Akkurt M., Karaca S., CİHAN ÜSTÜNDAĞ G., ÇAPAN G., Büyükgüngör O.  
Acta Crystallographica, cilt.E65, ss.1009-1010, 2009 (SCI-Expanded)
- XX. **X-ray crystallographic and theoretical study of 4-cyclohexyl-5-(2-furyl)-2,4-dihydro-3H-1,2,4-triazole-3-thione**  
Karayel A., Oezbey S., Capan G.  
JOURNAL OF MOLECULAR STRUCTURE, cilt.841, ss.118-124, 2007 (SCI-Expanded)
- XXI. **Synthesis and biological evaluation of new 5-methyl-N-(3-oxo-1-thia-4-azaspiro[4.5]-dec-4-yl)-3-**

- phenyl-1H-indole-2-carboxamide derivatives**  
Guzel O., Terzioglu N., Capan G., Salman A.  
ARKIVOC, ss.98-110, 2006 (SCI-Expanded)
- XXII. Synthesis, characterization and analgesic activity of new 4-arylhydrazone-3-methoxymethyl-2-pyrazolin-5-ones,**  
ÇAPAN G.  
Arzneim-Forsch/Drug Res, cilt.51, ss.118-124, 2001 (SCI-Expanded)
- XXIII. 5-Nitroimidazole derivatives as possible antibacterial and antifungal agents,**  
ÇAPAN G.  
FARMACO, cilt.54, ss.826-831, 1999 (SCI-Expanded)
- XXIV. Synthesis and hypnotic activity of new 4-thiazolidinone and 2-thioxo-4,5-imidazolidinedione derivatives**  
ÇAPAN G.  
Arch Pharm, cilt.332, ss.343-347, 1999 (SCI-Expanded)
- XXV. Synthesis and antimicrobial properties of new 4-(alkylidene/arylidene)-amino-5-(2-furanyl)-2,4-dihydro-3H-1,2,4-triazole-3-thiones and 6-aryl-3-(2-furanyl)-7H-1,2,4-triazolo[3,4-b][1,3,4]thiadiazines**  
Ergenc N., Ulusoy N., Capan G., Sanis G., Kiraz M.  
ARCHIV DER PHARMAZIE, cilt.329, ss.427-430, 1996 (SCI-Expanded)
- XXVI. Synthesis and anticonvulsant activity of new 3-[(2-furyl)carbonyl] amino-4-thiazolidinone and 2-[(2-furyl)carbonyl]hydrazone-4-thiazoline derivatives**  
ÇAPAN G.  
FARMACO, cilt.51, ss.729-732, 1996 (SCI-Expanded)
- XXVII. Synthesis and antimicrobial activity of new tetrahydro-2H-1,3,5-thiadizine-2-thione derivatives**  
ÇAPAN G.  
FARMACO, cilt.50, ss.787-790, 1995 (SCI-Expanded)
- XXVIII. Synthesis and anticonvulsant activity of new 4-thiazolidone and 4-thiazoline derivatives**  
ÇAPAN G.  
Farmaco 49, cilt.49, ss.133-135, 1994 (SCI-Expanded)
- XXIX. New 4-arylhydrazone-5(4H)-isoxazolone derivatives as possible antibacterial and anticonvulsant agents**  
ÇAPAN G.  
PHARMAZIE, cilt.48, ss.780-782, 1993 (SCI-Expanded)
- XXX. Synthesis, characterization and biological evaluation of new benzylidenebenzohydrazides and 2,5-disubstituted 2,3-dihydro-1,3,4-oxadiazoles**  
ÇAPAN G.  
PHARMAZIE, cilt.48, ss.942-943, 1993 (SCI-Expanded)
- XXXI. Quinazolinones. 19. Communication [1]: Synthesis and evaluation of some CNS depressant properties of 3-{2-[(5-aryl-1,3,4-oxadiazole-2-yl)amino]acetamido}-2-methyl-4(3H)-quinazolinones**  
ÇAPAN G.  
PHARMAZIE, cilt.46, ss.290-291, 1991 (SCI-Expanded)
- XXXII. Studies on Azopyrazole Derivatives-Part 8. Synthesis and Characterisation of New 1-(1-substituted-3,4-dimethylpyrazolylazo)-N2-(substitutedbenzylidene) benzohydrazides**  
ERGENÇ N., ROLLAS S., ÇAPAN G., DOĞAN N., ÖZGER Y.  
PHARMAZIE, cilt.44, ss.573-574, 1989 (SCI-Expanded)

#### **Dünger Dergilerde Yayınlanan Makaleler**

- I. **5-Chloro-N'-cyclohexylidene-3-methyl-1H-indole-2-carbohydrazide,**  
AKKURT M., ZOPUN M., ÇAPAN G., BÜYÜKGÜNGÖR O.

- Acta Cryst Section E, cilt.69, sa.7, ss.1137, 2013 (Scopus)
- II. **Synthesis and biological evaluation of new sulfonamidoindoles**  
Günay N. S., CİHAN ÜSTÜNDAĞ G., KOCABALKANLI A. Ş., ÇAPAN G.  
MARMARA PHARMACEUTICAL JOURNAL, cilt.15, ss.100-104, 2011 (Scopus)
- III. **High performance liquid chromatographic determination of cefaclor and cephalexin using fluorescence detection following precolumn derivatization**  
Özkirimli S., CESUR Z., ÇAPAN G., ERGENÇ N., GÜRSOY A.  
J. Fac.Pharm. İstanbul, cilt.38, ss.87-94, 2006 (Hakemli Dergi)
- IV. **Synthesis and antimicrobial activity of new 6-phenylimidazo[2,1-b]thiazole derivatives,**  
GÜZELDEMİRÇİ N., ÇAPAN G., KİRAZ M., ÖTÜK G.  
Boll Chim Farm, cilt.139, ss.167-172, 2000 (Scopus)
- V. **Synthesis, characterization and anticonvulsant activity of new 4-thiazolidinone and 1,2,4-triazole-3-thione derivatives**  
ÇAPAN G.  
Acta Pharm Turc., cilt.40, ss.5-8, 1998 (Hakemli Dergi)
- VI. **Synthesis and antimicrobial activity of novel imidazo[2, 1-b] thiazolyl acetyl amino/hydrazono 4-thiazolidinones Yeni imidazo[2, 1-b] tiyazolil asetil amino/hidrazono 4- tiyazolidinonların sentezi ve antimikrobial aktiviteleri**  
ULUSOY N., Capan G., Ergenc N., Sanis G., KİRAZ M. N., KAYA D.  
Acta Pharmaceutica Turcica, cilt.39, sa.4, ss.181-186, 1997 (Scopus)
- VII. **Synthesis, characterization and preliminary anticonvulsant evaluation of new indoline-2,3-dione derivatives**  
Karalı N. L., Çapan G., Ergenç N., Gürsoy A.  
Sciencia Pharmaceutica, cilt.65, ss.277-287, 1997 (Scopus)
- VIII. **Synthesis and antimicrobial activity of novel imidazo[2,1-b] thiazolyl acetyl amino/hydrazono 4-thiazolidinones**  
GÜZELDEMİRÇİ N., ÇAPAN G., Ergenç N., ÖTÜK G., KİRAZ M., Kaya D.  
Acta Pharm Turc, cilt.39, ss.181-186, 1997 (Hakemli Dergi)
- IX. **Synthesis and Characterization of New 2-(Arylidenehydrazono)-4-methyl-5-(arylazo)thiazolines,**  
ÇAPAN G., Ergenç P., İlhan E., Dolatabadi B.  
J.Fac.Pharm. İstanbul, cilt.29, ss.43-48, 1993 (Hakemli Dergi)
- X. **Synthesis characterization and biological evaluation of 2-methyl-3-(N-substituted thiocarbamoylthio)acetamido-4(3H)-quinazolinones**  
ÇAPAN G., Ergenç N., Büyüktimkin S., Yuluğ N.  
Sci Pharm, cilt.61, ss.243-250, 1993 (Scopus)
- XI. **Synthesis characterization and biological evaluation of 1,2,4-triazole-3-mercaptopoacetic acid derivatives**  
ÇAPAN G., Ergenç N., ÖTÜK G.  
Acta Pharm Turc, cilt.35, ss.51-58, 1993 (Hakemli Dergi)
- XII. **Synthesis and Biological Evaluation of 4-Alkyl/aryl-1-(2-furoyl)-3-thiosemicarbazides and 4-Alkyl/aryl-2,4-dihydro-5-(2-furyl)-3H-1,2,4-triazole-3-thiones**  
ÇAPAN G., Ergenç N., ÖTÜK G.  
J.Fac.Pharm. İstanbul, cilt.26-28, ss.23-30, 1992 (Hakemli Dergi)
- XIII. **Determination of ?-Tocopherol Concentration in Plasma Using High Performance Liquid Chromotography**  
Özkirimli S., ÇAPAN G., Demiroğlu C.  
Acta Pharm.Turc., cilt.30, ss.161-165, 1988 (Hakemli Dergi)
- XIV. **Synthesis and Characterization of Some p-Carbethoxyphenylhydrazone mesoxalic acid N2,N2'-benzylidenedihydrazides**  
Ergenç N., Rollas S., Topaloğlu Y., ÇAPAN G.  
J.Fac.Pharm. İstanbul, cilt.22, ss.29-36, 1986 (Hakemli Dergi)

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Indole-based hydrazide-hydrazone and 4-thiazolidinones: Synthesis and evaluation as antimycobacterial agents**  
CİHAN ÜSTÜNDAĞ G., Şatana D., ÖZHAN G., ÇAPAN G.  
14th Tetrahedron Symposium: Challenges in Organic & Bioorganic Chemistry, Avusturya, ss.32
- II. **İndol halkası taşıyan benziliden hidrazid ve 4-tiyazolidinon türevi bileşikler üzerine araştırmalar**  
CİHAN ÜSTÜNDAĞ G., ÇAPAN G.  
III. Ulusal Farmasötik Kimya Kongresi, Malatya, Türkiye, 14 - 16 Eylül 2012, ss.1
- III. **Synthesis of new diclophenac derivatives as possible antiviral agents**  
Kocabalkanlı A., ÇAPAN G.  
Third International Meeting on pharmacy & Pharmaceutical Sciences, İstanbul, Türkiye, 9 - 12 Haziran 2010, ss.1
- IV. **Novel thiosemicarbazide and 4-thiazolidinone derivatives of 5-fluoro-3-phenyl-1H-indole**  
CİHAN ÜSTÜNDAĞ G., Gürsoy E., ÇAPAN G., ULUSOY GÜZELDEMİRÇİ N.  
1st Turkish-Russian Joint Meeting on Organic and Medicinal Chemistry, Antalya, Türkiye, 14 - 17 Ekim 2009, ss.52
- V. **Synthesis and biological evaluation of 1-thia-4-azaspiro[4.5]decane-3-one derivatives**  
Nassozi M., Kocabalkanlı A., ÇAPAN G.  
9th International Symposium on Pharmaceutical Sciences, Ankara, Türkiye, 23 - 26 Haziran 2009, ss.201
- VI. **Synthesis and biological evaluation of substituted 2,4-dihydro-3H-1,2,4-triazole-3-thiones and their Mannich bases**  
Yiğit B., CİHAN ÜSTÜNDAĞ G., İlhan E., ÇAPAN G.  
9th International Symposium on Pharmaceutical Sciences, Ankara, Türkiye, 23 - 26 Haziran 2009, ss.194
- VII. **New cyclohexylidenehydrazide and 1-thia-4-azaspiro[4.5]decane-3-one derivatives of 5-iodo-3-phenyl-1H-indole**  
Kazan F., Özkırimlı S., ÇAPAN G.  
XXth International Symposium on Medicinal Chemistry, Viyana, Avusturya, 31 Temmuz - 04 Eylül 2008, ss.181
- VIII. **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, Türkiye, 16 - 21 Ekim 2007, ss.1
- IX. **New thiosemicarbazide and 4-thiazolidinone derivatives of 5-fluoro-3-phenyl-1H-indole**  
CİHAN ÜSTÜNDAĞ G., Gürsoy E., ÇAPAN G., ULUSOY GÜZELDEMİRÇİ N.  
5th International Symposium on Pharmaceutical Chemistry, İstanbul, Türkiye, 5 - 07 Eylül 2007, ss.133
- X. **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.  
5th International Symposium on Pharmaceutical Chemistry, İstanbul, Türkiye, 5 - 07 Eylül 2007, ss.57
- XI. **New cyclohexylidenehydrazide and 1-thia-4-azaspiro[4.5]decane-3-one derivatives of 5-fluoro-3-phenyl-1H-indole**  
CİHAN ÜSTÜNDAĞ G., ÇAPAN G.  
International Symposium on Medicinal Chemistry Research and Development, İzmir, Türkiye, 28 Eylül - 01 Ekim 2005, ss.53
- XII. **New 2-hydroxy-N-(4-oxo-2-substitutedphenyl-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, Türkiye, 10 - 14 Ekim 2004, ss.141
- XIII. **New cycloalkylidenehydrazide and 4-aza-1-thiaspiro[4.4]nonane/[4.5]decane derivatives of 5-methyl-3-phenyl-1H-indole**  
Öztürk D., ÇAPAN G., Kiraz M.  
4th International Symposium on Pharmaceutical Chemistry, İstanbul, Türkiye, 17 - 19 Eylül 2003, ss.238
- XIV. **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.  
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- XV. **Synthesis and antimicrobial evaluation of new 2-hydroxy-N-(3-oxo-1-thia-4-azaspiro[4.4]non-4yl)/(3-oxo-1-thia-4-azaspiro[4.5]dec-4-yl)-2-phenylacetamide derivatives**  
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