



# Prof. YASEMİN GÜLGÜN İŞGÖR

## Personal Information

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**Web:** <https://avesis.ankara.edu.tr/isgor>

### International Researcher IDs

ScholarID: krGIMHgAAAAJ

ORCID: 0000-0002-6021-257X

Publons / Web Of Science ResearcherID: B-3322-2010

ScopusID: 7801688219

Yoksis Researcher ID: 194142



## Biography

Eğitim ve Öğretim Faaliyetleri:

2015 yılından itibaren "öğrenme platformu" adı altında eğitim materyallerimi tüm öğrencilerimle paylaşmaktayım.

Link: <http://80.251.40.59/ankara.edu.tr/isgor/index.html>

Açık ders malzemelerinin hayata geçmesiyle beraber iki platformda da eğitim, öğretim ve araştırma altyapısına yönelik çalışma notları, çeviri özetleri şeklinde ders sunu ve notları paylaşmaktayım.

## Education Information

1998 - 2002	Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Biyokimya (Dr) (Tıp), Turkey
1996 - 1998	Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Biyokimya (Y) (Tezli), Turkey
1989 - 1995	Undergraduate, Middle East Technical University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey

## Foreign Languages

English, C1 Advanced

## Certificates, Courses and Trainings

2004	FAES-NIH Graduate School training-The art of Drug Design and Discovery,NIH, Health&Medicine, FAES-NIH Graduate School, NIH/NCI, Frederick, MD,USA
2003	Translational Research in Clinical Oncology", , Health&Medicine, Center of Cancer Research, NCI-Bethesda

2003	molecular biology training-"BLAST: Quickstart" NCBI Frederick, Health&Medicine, NCBI, NCI, Frederick, MD, USA
2003	molecular biology training-A Field Guide to Genbank and NCBI Molecular Biology Resources, NCBI Frederick., Health&Medicine, NCBI, NCI, Frederick, MD, USA
2003	molecular biology applications training, Fogharty International Training Center NSI-Making Sense of DNA and Protein Sequences-NCI, Health&Medicine, Fogharty International Training Center, NCI,NIH,USA
2003	Molecular Biology and PCR for molecular biologist certificate, Health&Medicine, Smith College, Northampton, MA
2003	FAES-NIH Graduate School training-Mitochondrial Molecular Biology and Pathology, Health&Medicine, FAES graduate School- NIH, Bethesda, MD, USA

## Dissertations

2002	İnsan akut promyelositik lösemi hücre serilerinde (HL 60) allium sativum (sarımsak)'xxun farklı ekstre ve preparatlarının hücrenin oksidan/antioksidan durumu ile hücre büyümesi üzerine olan etkilerinin incelenmesi, Ankara University, Sağlık Bilimleri Enstitüsü, Biyokimya (Dr) (Tıp), Doctorate
1998	Design and synthesis of a novel fluorescent chemosensor for intracellular pH, Middle East Technical University, Genel Biyoloji Anabilim Dalı, Biyokimya (Y) (Tezli), Postgraduate

## Research Areas

Medicine, Fundamental Medical Sciences, Life Sciences, Biochemistry, Biochemical Toxicology, Biomolecules, Enzymology, Molecular Biochemistry, Chemistry, Analytical Chemistry, Biochemistry, Organic Chemistry, Chemistry of Dyes and Pigments, Natural Sciences

## Academic Titles / Tasks

2020 - Continues	Professor, Ankara University, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler ve Teknikler Bölümü
2016 - 2016	Associate Professor, Atilim University, Faculty Of Engineering, Department Of Chemistry Engineering And Applied Chemistry
2010 - 2012	Lecturer PhD, Atilim University, Faculty Of Engineering, Department Of Chemistry Engineering And Applied Chemistry
2008 - 2010	Expert, Gazi University, Sağlık Araştırma Ve Uygulama Merkezi, Nanomedicine and advanced technologies research center
2008 - 2009	Lecturer PhD, Atilim University, Faculty Of Engineering, Department Of Chemistry Engineering And Applied Chemistry

## Academic and Administrative Experience

2018 - Continues	Member of Unit Quality Commission, Ankara University, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler ve Teknikler Bölümü
2013 - Continues	Vocational School Academic Council Member, Ankara University, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler ve Teknikler Bölümü
2022 - 2023	Topluma Katkı Koordinatörlüğü Birim Temsilciliği, Ankara University, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler ve Teknikler Bölümü

2019 - 2021	College Board Member, Ankara University, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler ve Teknikler Bölümü
2019 - 2020	Head of Department, Ankara University, Sağlık Hizmetleri Meslek Yüksekokulu, Dişçilik Hizmetleri Bölümü
2019 - 2020	Measurement and Evaluation Board Member, Ankara University, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler ve Teknikler Bölümü
2017 - 2018	Education and Curriculum Board Member, Ankara University, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler ve Teknikler Bölümü
2017 - 2018	Department Academic Incentive Evaluation Commission Member, Ankara University, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler ve Teknikler Bölümü
2013 - 2015	College Management Board Member, Ankara University, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler ve Teknikler Bölümü
2013 - 2015	Erasmus Program Department Coordinator, Ankara University, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler ve Teknikler Bölümü
2013 - 2015	Mevlana Exchange Program Department Coordinator, Ankara University, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler ve Teknikler Bölümü
2013 - 2015	Farabi Program Department Coordinator, Ankara University, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler ve Teknikler Bölümü
2013 - 2015	College Board Member, Ankara University, Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler ve Teknikler Bölümü
2013 - 2015	Assistant Director of Vocational School, Ankara University, Sağlık Hizmetleri Meslek Yüksekokulu, Sağlık Hizmetleri Programları

## Courses

2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021	Temel Kimya, Undergraduate
2022 - 2023	Kimyasal Analiz Yöntemleri, Associate Degree
2023 - 2024	Laboratuvar Kimyası, Associate Degree
2023 - 2024	Toksikolojinin Tarihçesi, Associate Degree
2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021	Temel Kimya II, Undergraduate
2022 - 2023	Mesleki Eğitime Giriş, Associate Degree
2022 - 2023	İşletmede Mesleki Eğitim, Associate Degree
2023 - 2024	BİYOKİMYA LABORATUVARI, Associate Degree
2022 - 2023	Temel Biyokimya, Associate Degree
2023 - 2024	Tıbbi Terminoloji, Associate Degree
2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015	Biyokimya I, Associate Degree
2021 - 2022, 2020 - 2021, 2019 - 2020	Analitik Hesaplamalar Uygulaması, Associate Degree

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Temel Biyokimya, Associate Degree

Temel Teknik İngilizce, Associate Degree

Temel Kimya, Associate Degree

Temel Kimya, Associate Degree

Temel Biyokimya, Associate Degree

Biyokimya Uygulamaları, Associate Degree

Tıbbi Terminoloji, Associate Degree

temel kimya II, Associate Degree

Analitik Hesaplamalar, Associate Degree

Kimyanın Prensipleri, Associate Degree

TEMEL KİMYA , Associate Degree

GENEL KİMYA, Associate Degree

TEMEL KİMYA I, Associate Degree

TEMEL BİYOKİMYA, Associate Degree

2020 - 2021, 2019 - 2020, 2018 - 2019, 2016 - 2017, 2015 - 2016, 2014 - 2015	Çevre Sağlığı, Associate Degree
2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015	BIYOKIMYA II, Associate Degree
2020 - 2021	Staj II, Associate Degree
2021 - 2022, 2020 - 2021	Temel Biyokimya, Associate Degree
2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015	Mesleki Terminoloji, Associate Degree
2020 - 2021, 2014 - 2015, 2013 - 2014	Çevre Sağlığı, Associate Degree
2016 - 2017	CEAC 514 Tissue and Cell Culture Techniques (Atılım University), Postgraduate
2015 - 2016, 2014 - 2015	Staj I, Associate Degree
2015 - 2016, 2014 - 2015	Anatomi, Associate Degree
2014 - 2015, 2013 - 2014	BİYOLOJİ, Associate Degree
2011 - 2012	General Chemistry, Undergraduate
2011 - 2012, 2008 - 2009	Chemistry , Undergraduate
2001 - 2002, 2000 - 2001	Biyorganik Kimya (başkent Üniversitesi), Undergraduate

## Advising Theses

Continues	İşgör Y. G., İşgör S. B., Doctorate, A.Nazih(Student), Comparison of Antioxidant and Anticancer Enzyme Profile Between Young and Senescent MCF7 Cells
Continues	İşgör S. B., İşgör Y. G., Doctorate, H.Salem(Student), Analysis of Antioxidant Defence Enzymes of MG63 Cells During The Senescence
Continues	İşgör S. B., İşgör Y. G., Doctorate, A.Salem(Student), Glutathione Utilizing Enzyme Profiling of Aged MC3T3
2023	İşgör Y. G., Özçelik A. Ö., Doctorate, M.BODUR(Student), Başlık: Laktoferrinin glukoz alımı ve diyabete bağlı inflamasyon üzerine aselüler ve selüler in vitro etkilerinin incelenmesi
2019	İşgör Y. G., İşgör S. B., Postgraduate, A.SALEM(Student), THE EFFECT OF COMBINATION OF DRUGS UPON K562 CELL LINE TREATMENT
2019	İşgör Y. G., İşgör S. B., Postgraduate, H.SALEM(Student), The effect of combined drug treatment on HL60 cells
2018	İşgör Y. G., İşgör S. B., Postgraduate, T.MEHMED(Student), The biochemical evaluation of tylosin and enrofloxacin on selected enzymes
2018	İşgör Y. G., İşgör S. B., Postgraduate, A.EID(Student), Biochemical analysis of ace inhibitors as commercially available antihypertensive drugs: Captopril and lisinopril

2018	İşgör Y. G., İşgör S. B., Postgraduate, H.M.HAMAD(Student), Comparative studies for synthesis of alginate microspheres and nanospheres as drug carriers
2018	İşgör Y. G., İşgör S. B., Postgraduate, J.MOHAMMED(Student), Analyzing the effect of doxycycline and gentamicin on selected cytosolic enzymes
2017	İşgör Y. G., İşgör S. B., Postgraduate, M.MAGED(Student), The biochemical analysis of calcium channel blockers as antihypertensive drugs
2017	İşgör Y. G., İşgör S. B., Postgraduate, M.M.ABOUBAKAR(Student), The biochemical analysis of selective and nonselective beta-adrenergic receptor inhibitors: propranolol and metoprolol
2017	İşgör Y. G., İşgör S. B., Postgraduate, A.M.(Student), Biochemical analysis of $\alpha$ -adrenergic receptor inhibitors: Doxazosin and terazosin

## Jury Memberships

December 2022	Associate Professor Exam, Associate Professor Exam, Ankara University
December 2022	Associate Professor Exam, Associate Professor Exam, Ankara University
November 2022	PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atilim Üniversitesi
November 2022	Academic Staff Examination, Academic Staff Examination, Ankara University
November 2022	Academic Staff Examination, Academic Staff Examination, Ankara University
November 2022	Academic Staff Examination, Academic Staff Examination, Ankara University
October 2022	Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Ankara University
June 2022	Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Ankara University
April 2022	Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Ankara University
March 2022	Associate Professor Exam, Associate Professor Exam, Ankara Üniversitesi
March 2022	Associate Professor Exam, Associate Professor Exam, Ankara Üniversitesi
December 2021	Associate Professor Exam, Associate Professor Exam, Ankara University
November 2020	Associate Professor Exam, Associate Professor Exam, Ankara University
July 2020	Academic Staff Examination, Academic Staff Examination, Ankara University
March 2020	Associate Professor Exam, Associate Professor Exam, Ankara University
February 2018	Doctoral Examination, Doctoral Examination, Atilim University
September 2017	PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atilim University
May 2014	Academic Staff Examination, Academic Staff Examination, Ankara University
April 2013	Academic Staff Examination, Academic Staff Examination, Ankara University

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

- I. **Benchmarking Classification Models for Cell Viability on Novel Cancer Image Datasets**  
Ozkan A., İŞGÖR S. B., ŞENGÜL G., İŞGÖR Y. G.  
CURRENT BIOINFORMATICS, vol.14, no.2, pp.108-114, 2019 (SCI-Expanded)
- II. **Cellular Defense Enzyme Profile for Non-cytotoxic and Phenol Enriched Extracts of Heliotropium europaeum, Carlina oligocephala and Echinops ritro**  
Işgor B. S., İşgör Y. G., Geven F.  
INTERNATIONAL JOURNAL OF PHARMACOLOGY, vol.14, no.2, pp.224-238, 2018 (SCI-Expanded)
- III. **Computer vision based automated cell counting pipeline: A case study for HL60 cancer cell on hemocytometer**

Özkan A., İşgör S. B., Şengül G., İŞGÖR Y. G.

Biomedical Research (India), vol.29, no.14, pp.2956-2962, 2018 (SCI-Expanded)

- IV. **Investigation of GST isoenzymes, multidrug resistance proteins and apoptotic effect in DLD-1 human colon cancer cell line before and after 5-fluorouracil treatment**  
Simsek G. G., Gurbuz N., Oguztuzun S., Kocdogan A., Turk M., Isgor Y. G.  
VIRCHOWS ARCHIV, vol.471, 2017 (SCI-Expanded)
- V. **The potential medicinal value of plants from Asteraceae family with antioxidant defense enzymes as biological targets**  
Koc S., Isgor B. S., İşgör Y. G., Moghaddam N. S., Yıldırım Ö.  
PHARMACEUTICAL BIOLOGY, vol.53, no.5, pp.746-751, 2015 (SCI-Expanded)
- VI. **THE EVALUATION OF INHIBITORY EFFECTS OF SELECTED PLANT EXTRACTS ON ANTIOXIDANT ENZYMES**  
Moghaddam N. S., Isgor B. S., İŞGÖR Y. G., GEVEN F., YILDIRIM Ö.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.24, no.1, pp.63-70, 2015 (SCI-Expanded)
- VII. **The Effects of Eryngium campestre Extracts on Glutathione-S-Transferase, Glutathione Peroxidase and Catalase Enzyme Activities Eryngium campestre Ekstrelerinin Glutatyon-S-Transferaz, Glutatyon Peroksidaz ve Katalaz Enzim Aktiviteleri üzerine Etkileri**  
GÜNEŞ M., İşgör B. S., İŞGÖR Y. G., Shomali Moghaddam N., GEVEN F., YILDIRIM Ö.  
Turkish Journal of Pharmaceutical Sciences, vol.11, no.3, pp.339-346, 2014 (SCI-Expanded)
- VIII. **The role of metal coordination complexes in cytosolic cellular defense**  
Isgor B. S., Isgor Y. G., Ozalp-Yaman S.  
PURE AND APPLIED CHEMISTRY, vol.85, no.2, pp.365-375, 2013 (SCI-Expanded)
- IX. **Synthesis and Biological Study of Novel Indole-3-Imine-2-on Derivatives as Src Kinase and Glutathione S-Transferase Inhibitors**  
Kurt Z. K., Aydın D., Isgor Y. G., Isgor B. S., Olgen S.  
LETTERS IN DRUG DESIGN & DISCOVERY, vol.10, no.1, pp.19-26, 2013 (SCI-Expanded)
- X. **Synthesis and biological study of novel indole-3-imine-2-on derivatives as src kinase and glutathione S-transferase inhibitors**  
KILIÇ KURT Z., AYDIN D., İŞGÖR Y. G., İşgör B., Olgen S.  
Letters in Drug Design and Discovery, vol.10, no.1, pp.19-26, 2013 (SCI-Expanded)
- XI. **Evaluation of Perylenediimide Derivatives for Potential Therapeutic Benefits on Cancer Chemotherapy**  
Keskin T., Isgor B. S., Isgor Y. G., YÜKRÜK F.  
CHEMICAL BIOLOGY & DRUG DESIGN, vol.80, no.5, pp.675-681, 2012 (SCI-Expanded)
- XII. **Effect of Alpha-1-Adrenoceptor Blocker on Cytosolic Enzyme Targets for Potential use in Cancer Chemotherapy**  
Isgor B. S., Isgor Y. G.  
INTERNATIONAL JOURNAL OF PHARMACOLOGY, vol.8, no.5, pp.333-343, 2012 (SCI-Expanded)
- XIII. **Evaluation of Novel Aminomethyl Indole Derivatives as Src Kinase Inhibitors and Antioxidant Agents**  
Olgen S., KILIÇ KURT Z., Sener F., İŞGÖR Y. G., ÇOBAN T.  
CHEMOTHERAPY, vol.57, no.1, pp.1-6, 2011 (SCI-Expanded)
- XIV. **Effect of novel pp60(c-src) inhibitors on mammalian glutathione S-transferase activity**  
Isgor B. S., Isgor Y. G., Kilic-Kurt Z., Olgen S.  
ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, vol.240, 2010 (SCI-Expanded)
- XV. **N-Substituted Indole-3-imine Derivatives and their Amine Congeners: Antioxidant and Src Kinase Inhibitory Effects**  
Kilic Z., Sener F., Isgor Y. G., Coban T., Olgen S.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.65, no.5-6, pp.347-354, 2010 (SCI-Expanded)
- XVI. **Evaluation of New Indole and Bromindole Derivatives as pp60(c-Src) Tyrosine Kinase Inhibitors**  
Kilic Z., Isgor Y. G., Olgen S.

- CHEMICAL BIOLOGY & DRUG DESIGN, vol.74, no.4, pp.397-404, 2009 (SCI-Expanded)
- XVII. **Synthesis and pp60(c-Src) Tyrosine Kinase Inhibitory Activities of Novel Indole-3-Imine and Amine Derivatives Substituted at N1 and C5**  
KILIÇ KURT Z., İŞGÖR Y. G., Olgen S.  
ARCHIV DER PHARMAZIE, vol.342, no.6, pp.333-343, 2009 (SCI-Expanded)
- XVIII. **Novel Aminomethylindole Derivatives as Inhibitors of pp60(c-Src) Tyrosine Kinase: Synthesis and Biological Activity**  
İŞGÖR Y. G., KILIÇ KURT Z., Olgen S.  
CHEMICAL BIOLOGY & DRUG DESIGN, vol.72, no.6, pp.599-604, 2008 (SCI-Expanded)
- XIX. **Synthesis and activity of novel 5-substituted pyrrolo[2,3-d]pyrimidine analogues as pp60(c-Src) tyrosine kinase inhibitors**  
Olgen S., İŞGÖR Y. G., ÇOBAN T.  
ARCHIV DER PHARMAZIE, vol.341, no.2, pp.113-120, 2008 (SCI-Expanded)
- XX. **Effects of Water Soluble Garlic Extract on Human Leukemia HL60 Cell Lines**  
İşgör Y. G., İscan M., Öztürk H. S., Durak İ.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.33, no.3, pp.78-84, 2008 (SCI-Expanded)
- XXI. **Data mining of NCI's anticancer screening database reveals mitochondrial complex I inhibitors cytotoxic to leukemia cell lines**  
Glover C. J., Rabow A. A., Işgor Y. G., Shoemaker R. H., Covell D. G.  
BIOCHEMICAL PHARMACOLOGY, vol.73, no.3, pp.331-340, 2007 (SCI-Expanded)
- XXII. **Serum dipeptidylpeptidase activity and tissue polypeptide specific antigen in patients with advanced cirrhosis: Preliminary results**  
Akbağ A., Bozbaş A., Işgor Y. G., Yavuz Y., ELGÜN ÜLKAR S.  
Clinica Chimica Acta, vol.292, no.1-2, pp.181-185, 2000 (SCI-Expanded)
- XXIII. **Chemosensing in deep red: A squaraine-based fluorescent chemosensor for pH.**  
Işgor Y. G., Akkaya E. U.  
TETRAHEDRON LETTERS, vol.38, no.42, pp.7417-7420, 1997 (SCI-Expanded)
- XXIV. **Squaraine-based red-fluorescent chemosensor for pH**  
Akkaya E., Işgor Y. G.  
ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, vol.214, pp.7-8, 1997 (SCI-Expanded)

## Articles Published in Other Journals

- I. **The effects of Eryngium campestre extracts on glutathione S transferase glutathione peroxidase and catalase enzyme activities**  
GÜNEŞ M. G., İŞGÖR S. B., İŞGÖR Y. G., SOHOMALI N., GEVEN F., YILDIRIM Ö.  
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, 2014 (Scopus)
- II. **Indole derivatives as SRC family kinase and glutathione S-transferase inhibitors: Evaluation of their selectivity and drug resistance properties** Glutatyon S-transferaz ve Src ailesi kinaz İnhibitörü İndol türevleri: Seletivite ve İlaç rezistans özelliklerinin değerlendirilmesi  
İşgör B. S., KILIÇ KURT Z., İşgör Y. G., Ölgen S.  
Turkish Journal of Pharmaceutical Sciences, vol.9, no.2, pp.151-160, 2012 (Scopus)
- III. **Indole derivatives as Src family kinase and glutathione S-transferase inhibitors: evaluation of their selectivity and drug resistance properties**  
İŞGÖR S. B., KILIÇ KURT Z., İŞGÖR Y. G., ÖLGEN S.  
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.9, no.2, pp.151-160, 2012 (Scopus)
- IV. **Kinases and glutathione transferases: Selective and sensitive targeting**  
İŞGÖR Y. G., İŞGÖR S. B.  
Frontiers in Biology, vol.6, no.2, pp.156-169, 2011 (Scopus)
- V. **Combinatorial chemistry, combinatorial synthesis methods and technologies, combinatorial libraries**



and High Throughput screening (HTS) Kombinatoryal (bütünleştirici) kimya, kombinatoryal sentez yöntem ve teknolojileri, kombinatoryal kütüphaneler ve Yüksek Hizda Aktivite Tarama (YHAT)  
İşgör Y. G., Yılmaz S., Ölgen S.  
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.37, no.1, pp.41-61, 2008 (Scopus)

## Refereed Congress / Symposium Publications in Proceedings

- I. **IN VITRO ANALYSIS OF ACELLULAR AND CELLULAR EFFECTS OF DOXAZOSIN ON GST AND SOD**  
İŞGÖR Y. G., İŞGÖR S. B., Salem A. M. M., Aljadi H. S. S.  
4. GEVHER NESİBE ULUSLARARASI SAĞLIK BİLİMLERİ KONGRESİ, Ankara, Turkey, 23 - 24 November 2019, pp.220-221
- II. **THE EFFECT OF DILTIAZEM AND CAPTOPRIL ON GLUTATHIONE MEDIATING ENZYMES GST AND GPX**  
İŞGÖR S. B., İŞGÖR Y. G., Salem A. M. M., Aljadi H. S. S.  
GEVHER NESİBE 4. ULUSLARARASI SAĞLIK BİLİMLERİ KONGRESİ, Ankara, Turkey, 23 - 24 November 2019, pp.218-219
- III. **) Investigation of GST isoenzymes, multidrug resistance proteins and apoptotic effect in DLD-1 human colon cancer cell line before and after 5-fluorouracil treatment**  
Gürbüz N., ŞİMŞEK G., OĞUZTÜZÜN S., Kocdogan A. K., TÜRK M., İŞGÖR Y. G.  
Union of Thrace Universities 2nd International Health Sciences Congress, 15 - 17 November 2018
- IV. **Microscopic Image Clustering Software for Cell Viability Labeling**  
ÖZKAN A., İŞGÖR S. B., İŞGÖR Y. G.  
International Science and Academic Congress (INSAC 2018), Konya, Turkey, 8 - 09 December 2018, vol.1, pp.167-168
- V. **INVESTIGATION OF GST ISOENZYMES AND APOPTOTIC EFFECT IN MCF7 HUMAN BREAST CANCER CELL LINE BEFORE AND AFTER DOXORUBICIN TREATMENT**  
OĞUZTÜZÜN S., KAYA KOÇDOĞAN A., ŞİMŞEK G., GÜRBÜZ N., TÜRK M., İŞGÖR Y. G., ADA A. O., İŞCAN M.  
12 th International symposium on Pharmaceutial sciences, Ankara, Turkey, 26 - 29 June 2018, pp.413
- VI. **INVESTIGATION OF GST ISOENZYMES AND APOPTOTIC EFFECT IN DLD-1 HUMAN COLON CANCER CELL LINE BEFORE AND AFTER 5-FLUOROURACIL TREATMENT**  
ADA A. O., GÜRBÜZ N., KAYA KOÇDOĞAN A., OĞUZTÜZÜN S., ŞİMŞEK G., TÜRK M., İŞGÖR Y. G., İŞCAN M.  
2. INTERNATIONAL GAZI PHARMA SYMPOSIUM, Ankara, Turkey, 11 - 13 October 2017
- VII. **The Effect of Doxorubicin Containing PSA PEG Nanocapsules on Glutathione S Transferase Activity**  
ÇOKÇA C., İŞGÖR S. B., İŞGÖR Y. G., HASIRCI N.  
21st International Biomedical Science and Technology Symposium, 22 - 24 October 2015
- VIII. **In vitro antimicrobial screening and antioxidant activity of Scleroderma verrucosum, Sarcodon imbricatus,Cantharellus cibarius**  
İŞGÖR Y. G., İŞGÖR S. B., esen yıldırım ö., GEVEN F., shomali n.  
The Annual Meeting and Exhibition of The Society for Industrial Microbiology and Biotechnology (SIMB), San Diego, California, United States Of America, 11 - 15 August 2013, pp.24964
- IX. **Heliotropium Europaeum, Carlina Oligocephala Ve Echinops Ritro Bitki Ekstrelerinin Hücresel Savunmadaki Rollerinin İncelenmesi**  
shomali n., İŞGÖR Y. G., İŞGÖR S. B., GEVEN F., esen yıldırım ö.  
IV. Multidisipliner Kanser Araştırma Kongresi, Bursa, Turkey, 13 - 16 December 2012
- X. **Perilendiimid Türevlerinin Sentezlenerek İlaç Direnç Ve Hedef Mekanizmaları Üzerine Etkilerinin İncelenmesi**  
YÜKRÜK F., İŞGÖR Y. G., İŞGÖR S. B.  
26. Uluslararası Katılımlı Ulusal Kimya Kongresi, Fethiye, Türkiye, Turkey, 1 - 06 October 2012
- XI. **The Synthesis Of Perylenediimides And Investigation Their Effects On Drug Resistance And Related Target Mechanisms**  
YÜKRÜK F., İŞGÖR Y. G., İŞGÖR S. B., keskin t.

26.National Congress On Chemistry, Muğla, Turkey, 1 - 06 October 2012, pp.42

**XII. The effect of doxazosin on selected kinase and glutathione transferases to evaluate its potential for therapeutic use in various cancers**

Isgor Y. G., Isgor B. S.

36th FEBS Congress of the Biochemistry for Tomorrows Medicine, Torino, Italy, 25 - 30 June 2011, vol.278, pp.329-330

**XIII. The Effect of Novel Indole Derivatives As Inhibitors of Src Kinase and Mammalian Glutathione S-Transferase**

KILIÇ KURT Z., İŞGÖR Y. G., İŞGÖR S. B., ÖLGEN S.

4th International Meeting on Medicinal and Pharmaceutical Chemistry – 6th International Symposium on Pharmaceutical Chemistry Joint Meeting (4th-IMMPC-ISPC), Ankara, Turkey, 30 September - 02 October 2010, pp.104

**XIV. Effect of novel pp60 c src inhibitors on mammalian glutathioneS transferase activity**

İŞGÖR S. B., İŞGÖR Y. G., KILIÇ KURT Z., ÖLGEN S.

THE AMERICAN CHEMICAL SOCIETY 240th National meeting, United States Of America, 22 August 2010, vol.240, pp.453

**XV. The Effect of novel pp60c-src Inhibitors on Mammalian Glutathione S-Transferase Activity**

İŞGÖR S. B., İŞGÖR Y. G., KILIÇ KURT Z., ÖLGEN S.

240 th National ACS Meeting and Exposition, Boston, United States Of America, 22 - 26 August 2010

**XVI. Investigating Antioxidant and Src Kinase Inhibitory Effects of Aminomethylindole Derivatives**

KILIÇ KURT Z., ŞENER F., İŞGÖR Y. G., ÇOBAN T., ÖLGEN S.

1st Turkish-Russian Joint Meeting On Organic and Medicinal Chemistry, Antalya, Turkey, 14 - 17 October 2009, pp.50-51

**XVII. Synthesis of Novel 1,3,5-Trisubstituted indole deivatives as inhibitors pp60c-src Tyrosine Kinas**

KILIÇ KURT Z., İŞGÖR Y. G., ÇOBAN T., ÖLGEN S.

16th European Symposium on Organic CHEmistry, Prag, Czech Republic, 12 - 16 July 2009

**XVIII. Synthesis of Novel 1,3,5-Trisubstituted indoledeivatives as inhibitors pp60c-SRC Tyrosine Kinase**

KILIÇ KURT Z., İŞGÖR Y. G., ÖLGEN S.

16th European Symposium on Organic Chemistry (ESOC), Prague, Czech Republic, 12 - 16 July 2009, pp.428

**XIX. Evaluation of New Indole and Bromoindole Derivatives as pp60c-Src Tyrosine Kinase Inhibitors**

KILIÇ KURT Z., İŞGÖR Y. G., ÖLGEN S.

International Symposium on Drug Research and Development "From Chemistry to Medicine" & Educational Fair On "GLP and Laboratory Safety: New Approaches, Ankara, Turkey, 4 - 07 May 2009, pp.117

**XX. Design and Synthesis of Novel Fluorescent Chemosensor for intracellular pH**

İŞGÖR Y. G., AKKAYA E. U.

The First International Biosciences Days: The Ist Congress of Balkan Association of Biosciences, XVth National Congress of Biochemistry, Clinical Laboratory Automation Symposium-II konferansı, Antalya, Turkey, 20 - 24 April 1999, pp.240

**XXI. Squaraine-based red-fluorescent chemosensor for pH**

AKKAYA E. U., İŞGÖR Y. G.

THE AMERICAN CHEMICAL SOCIETY 214th ACS Nationaal meeting and Conference, Las Vegas, United States Of America, 07 September 1997, vol.214, pp.7

## Supported Projects

2021 - 2022	Student Laboratory for Basic Clinical Applications, Project Supported by Higher Education Institutions
2021 - 2021	Türkiye'de Göçmen Sağlığı Hizmetlerinin Desteklenmesi Projesi, EU Supported Other Project
2013 - 2015	Ankara'nın Etrafından Toplanan Bitkilerin Antioksidan ve Antikanser Değerlendirilmesi, Project Supported by Higher Education Institutions

2013 - 2014	Ankara Etrafından Toplanan Bazı Bitkilerden Elde Edilen Ekstrelerin Total Antioksidan Kapasiteleri ve Antioksidan Enzim Aktiviteleri Üzerine Etkileri, Project Supported by Higher Education Institutions
2012 - 2014	Kontrollü İlaç Salımı İçin Aljinat Nanotaşıyıcı Sistemler : In Vitro Etkilerinin İncelenmesi ATÜ-BAP-A-1112-02, Project Supported by Higher Education Institutions
2009 - 2011	Src Tirozin Kinaz Enzimi İçin Orjinal Olarak Tasarlanmış Yeni Küçük Molekül İnhibitörlerin Sentezi, Karakterizasyonu ve Orta Hızda Tarama Metoduna Dayalı Kinaz Profillerinin Oluşturulması ile Enzime Seçici Yeni ve Özgün inhibitörlerin Bulunması,, Project Supported by Higher Education Institutions

## Patent

2020	İşgör Y. G., FONKSİYONLU ÇALKALAYICI CİHAZ, Utility Model, CHAPTER B Implementation of Operations; Transport, The Invention Registration Number: TR 2017 23086 Y , Standard Registration, 2020
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## Activities in Scientific Journals

2018 - Continues	Ankara Sağlık Hizmetleri Dergisi (ASHD), First Editor
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## Memberships / Tasks in Scientific Organizations

2021 - Continues	Türkiye Kimya Derneği (TKD), Member
2019 - Continues	International Federation of Clinical Chemistry, Member
2018 - Continues	Moleküler Kanser Araştırma Derneği (MOKAD), Member
2018 - Continues	European Association of Cancer Research (EACR), Member
2000 - Continues	Türk Biyokimya Derneği (TBD), Member
2004 - 2009	TASSA Turkish-American Scientists and Scholar Associations, Member
2003 - 2006	AACR-American Association of Cancer Research, Member

## Scientific Refereeing

February 2021	JOURNAL OF ETHNOPHARMACOLOGY, SCI Journal
September 2020	JOURNAL OF ETHNOPHARMACOLOGY, SCI Journal
May 2020	JOURNAL OF ETHNOPHARMACOLOGY, SCI Journal
February 2020	JOURNAL OF ETHNOPHARMACOLOGY, SCI Journal

## Scientific Consultations

2015 - 2017	Project Consultancy, TUBITAK
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## Metrics

Publication: 54  
Citation (WoS): 177  
Citation (Scopus): 242  
H-Index (WoS): 8

H-Index (Scopus): 9

## **Scholarships**

2005 - 2006	Postdoctoral fellow, University
2004 - 2005	National Cancer Institute-CCR Postdoctoral fellowship award, Official Institutions of Foreign Countries
2003 - 2004	National Cancer Institute Postdoctoral fellowship award, Official Institutions of Foreign Countries

## **Artistic Activity**

June 2016	İşgör Y. G., Güneşten Türküler Korosu
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