

## Assoc. Prof. HÜLYA KARACA ATSAROS

### Personal Information

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### International Researcher IDs

ORCID: 0000-0002-6578-1341

Publons / Web Of Science ResearcherID: M-4306-2017

Yoksis Researcher ID: 52368

### Education Information

Doctorate, Anadolu University, FEN BİLİMLERİ ENSTİTÜSÜ, Genel Biyoloji (Dr), Turkey 2007 - 2012

Postgraduate, Anadolu University, FEN BİLİMLERİ ENSTİTÜSÜ, Genel Biyoloji (YI) (Tezli), Turkey 2003 - 2007

Undergraduate, Inonu University, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, Turkey 1998 - 2003

### Foreign Languages

Greek, A2 Elementary

English, B2 Upper Intermediate

### Dissertations

Doctorate, Bazı maya türlerinde trehaloz ve glikojen metabolizmasına etki eden faktörlerin analizi, Anadolu University, FEN BİLİMLERİ ENSTİTÜSÜ, Genel Biyoloji (Dr), 2012

Postgraduate, Tekstil boyar maddelerinin mikrobiyal renk giderimi, Anadolu University, FEN BİLİMLERİ ENSTİTÜSÜ, Genel Biyoloji (YI) (Tezli), 2007

### Research Areas

Natural Sciences

### Academic Titles / Tasks

Associate Professor, Anadolu University, ECZACILIK FAKÜLTESİ, TEMEL ECZACILIK BİLİMLERİ BÖLÜMÜ, 2021 - Continues

Assistant Professor, Anadolu University, ECZACILIK FAKÜLTESİ, TEMEL ECZACILIK BİLİMLERİ BÖLÜMÜ, 2013 - 2022

Research Assistant, Anadolu University, ECZACILIK FAKÜLTESİ, TEMEL ECZACILIK BİLİMLERİ BÖLÜMÜ, 2004 - 2013

## Academic and Administrative Experience

Fakülte Yönetim Kurulu Üyesi, Anadolu University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2016 - 2017

## Courses

UFM 701 Uzmanlık Alan dersi, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018  
FTM790 Tez, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017  
FTM524 Mikrobiyal Metabolizma, Postgraduate, 2018 - 2019, 2016 - 2017  
Moleküler Mikrobiyolojik Teknikler, Postgraduate, 2018 - 2019  
ECZ230 Farmasötik Mikrobiyoloji ve İmmünoloji, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016  
Mezuniyet Projesi II, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2013 - 2014  
ECZ875 Mezuniyet Projesi, Postgraduate, 2018 - 2019  
ECZ116 Temel Eczacılık Bilimleri II, Undergraduate, 2018 - 2019  
FTM501 İleri Farmasötik Mikrobiyoloji, Postgraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017  
ECZ203 Farmasötik Mikrobiyoloji Uygulamaları, Undergraduate, 2018 - 2019, 2017 - 2018  
ECZ227 Temel Eczacılık Bilimleri III, Undergraduate, 2018 - 2019  
Mikoloji, Postgraduate, 2017 - 2018  
ECZ229 Farmasötik Mikrobiyoloji, Undergraduate, 2017 - 2018, 2016 - 2017  
Mezuniyet Projesi I, Undergraduate, 2017 - 2018, 2016 - 2017, 2013 - 2014  
ECZ116 Temel Eczacılık Bilimleri, Undergraduate, 2017 - 2018  
FTM504 Seminer, Postgraduate, 2017 - 2018, 2016 - 2017  
İTB525 Sentetik Biyoloji ve Metabolizma Mühendisliğine Giriş, Postgraduate, 2016 - 2017  
YAB 114Dezenfektanlar ve Kullanımları, Associate Degree, 2016 - 2017  
UFM702 Uzmanlık Alan Dersi, Postgraduate, 2016 - 2017  
İTB592 Seminer, Postgraduate, 2016 - 2017  
ECZ230 Farmasötik Mikrobiyoloji Uygulamaları, Undergraduate, 2016 - 2017  
Farmasötik Mikrobiyoloji Uygulamaları, Undergraduate, 2013 - 2014  
Temel Halk Sağlığı, Associate Degree, 2013 - 2014  
Klinik Mikrobiyoloji ve Laboratuvar Uygulamaları, Associate Degree, 2012 - 2013  
Mezuniyet Projesi I (Tür) Q6 Grubu, Undergraduate, 2012 - 2013

## Advising Theses

Karaca H., *S. cerevisiae*'da Asetil- KoA miktarının artırılmasına yönelik gen modifikasyonlarının gerçekleştirilmesi, Postgraduate, İ.KISACIK(Student), 2022  
HÜLYA K., Production of taxol precursors with yeast cell factories, Postgraduate, A.MOHAMMAD(Student), 2019  
HÜLYA K., Metabolic engineering of *Saccharomyces cerevisiae* for the production of taxa 4, 5-11, 12 diene, Postgraduate, F.DAGANE(Student), 2019  
Karaca H., Reboksetin kullanımının bağırsak florası üzerine etkisinin biyoinformatik analizi, Postgraduate, S.TEKİNKOCA(Student), 2019

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

- I. **Metabolic engineering of *Saccharomyces cerevisiae* for enhanced taxadiene production**  
KARACA AT SAROS H., KAYA M., Kapkac H. A., LEVENT S., ÖZKAY Y., Ozan S. D., Nielsen J., Krivoruchko A.  
MICROBIAL CELL FACTORIES, vol.23, no.1, 2024 (SCI-Expanded)
- II. **Synthesis of some novel 1,3,4-oxadiazole derivatives and evaluation of their antimicrobial activity**  
TOK F., Kaya M., KARACA H., KAYMAKÇIOĞLU B.  
SYNTHETIC COMMUNICATIONS, vol.52, no.6, pp.926-935, 2022 (SCI-Expanded)

- III. **Decolorization of reactive blue 13 by Sporotrichum sp. and cytotoxicity of biotreated dye solution**  
KARACA H., Kisaoglan B., Koparal A. T., Kivanc M.  
WATER ENVIRONMENT RESEARCH, vol.94, no.2, 2022 (SCI-Expanded)
- IV. **Gut Microbiome Alteration after Reboxetine Administration in Type-1 Diabetic Rats**  
Aydin S., ÖZKUL KOÇAK C., TURAN YÜCEL N., KARACA H.  
MICROORGANISMS, vol.9, no.9, 2021 (SCI-Expanded)
- V. **Synthesis and Evaluation of Bis-pyrazoline Derivatives as Potential Antimicrobial Agents**  
ALTINTOP M. D., Abu Mohsen U., KARACA H., CANTÜRK Z., ÖZDEMİR A.  
LETTERS IN DRUG DESIGN & DISCOVERY, vol.11, no.10, pp.1199-1203, 2014 (SCI-Expanded)
- VI. **Synthesis and antimicrobial activity of some new hydrazone-bridged thiazole-pyrrole derivatives**  
YURTTAŞ L., ÖZKAY Y., KAPLANCIKLI Z. A., TUNALI Y., KARACA H.  
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.28, no.4, pp.830-835, 2013 (SCI-Expanded)
- VII. **Synthesis and Antimicrobial Evaluation of Some 2,5-Disubstituted Benzimidazole Derivatives**  
YURTTAŞ L., ÖZKAY Y., KARACA H., TUNALI Y., KAPLANCIKLI Z. A.  
LETTERS IN DRUG DESIGN & DISCOVERY, vol.10, no.6, pp.486-491, 2013 (SCI-Expanded)
- VIII. **Synthesis and Biological Evaluation of Pyrazoline Derivatives Bearing an Indole Moiety as New Antimicrobial Agents**  
ÖZDEMİR A., ALTINTOP M. D., KAPLANCIKLI Z. A., Turan-Zitouni G., KARACA H., TUNALI Y.  
ARCHIV DER PHARMAZIE, vol.346, no.6, pp.463-469, 2013 (SCI-Expanded)
- IX. **Antimicrobial and anticancer effects of some 2-(substitutedsulfanyl)-N-(5-methyl-isoxazol-3-yl)acetamide derivatives**  
ÖZKAY Y., Incesu Z., Onder N. I., TUNALI Y., KARACA H., IŞIKDAĞ İ., Ucucu U.  
MEDICINAL CHEMISTRY RESEARCH, no.1, pp.211-218, 2013 (SCI-Expanded)
- X. **Antibacterial and antifungal activities of some trimethoprim salts**  
TUNALI Y., KARACA H., İŞCAN G., DEMİRCİ F., BENKLİ K.  
MEDICINAL CHEMISTRY RESEARCH, vol.21, no.6, pp.932-935, 2012 (SCI-Expanded)
- XI. **Antimicrobial Activity of a New Series of Benzimidazole Derivatives**  
ÖZKAY Y., TUNALI Y., KARACA H., IŞIKDAĞ İ.  
ARCHIVES OF PHARMACAL RESEARCH, vol.34, no.9, pp.1427-1435, 2011 (SCI-Expanded)
- XII. **Antimicrobial Activity of a New Combination System of Benzimidazole and Various Azoles**  
ÖZKAY Y., TUNALI Y., KARACA H., IŞIKDAĞ İ.  
ARCHIV DER PHARMAZIE, vol.344, no.4, pp.264-271, 2011 (SCI-Expanded)
- XIII. **Antimicrobial activity and a SAR study of some novel benzimidazole derivatives bearing hydrazone moiety**  
ÖZKAY Y., TUNALI Y., KARACA H., IŞIKDAĞ İ.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.45, no.8, pp.3293-3298, 2010 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Genetic and biochemical analysis of the reserve carbohydrate metabolism in Candida albicans and Candida rugosa**  
KARACA GENÇER H., KIVANÇ M., TÜRKEL S.  
Advanced Studies in Biology, vol.10, no.2, pp.61-77, 2018 (Peer-Reviewed Journal)
- II. **Microwave assisted synthesis of some 1 2 4 5 tetrasubstituted imidazole derivatives as antimicrobial agents**  
ACAR U., LEVENT S., ÖZKAY Y., KARACA GENÇER H., CANTÜRK Z., TUNALI Y., UÇUCU Ü.  
European International Journal of Science and Technology, vol.5, 2016 (Peer-Reviewed Journal)
- III. **Synthesis And Antimicrobial Activity Of Some Novel Quinoxaline Hydrazones.**  
başığit e., ACAR U., ÖZKAY Y., KARACA GENÇER H., UÇUCU Ü.  
Anadolu Üniversitesi Bilim ve Teknoloji Dergisi :A-Uygulamalı Bilimler ve Mühendislik, 2015 (Peer-Reviewed)

Journal)

- IV. **Synthesis and biological screening of some novel triazole derivatives Bazı yeni triazol türevlerinin sentezi ve biyolojik aktivilerinin incelenmesi**  
Acar U., Abumohsen U., ÖZKAY Y., KARACA H., KAPLANCIKLI Z. A.  
Turkish Journal of Pharmaceutical Sciences, vol.12, no.2, pp.221-230, 2015 (Scopus)
- V. **Synthesis and biological evaluation of some new amide moiety bearing quinoxaline derivatives as antimicrobial agents**  
Abu Mohsen U., YURTTAŞ L., Acar U., ÖZKAY Y., Kaplacikli Z., Karaca Gencer H., CANTÜRK Z.  
Drug Research, vol.65, no.5, pp.266-271, 2015 (ESCI)
- VI. **Synthesis and biological screening of some novel triazole derivatives**  
ACAR U., Usama A. M., ÖZKAY Y., KARACA GENÇER H., KAPLANCIKLI Z. A.  
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.12, no.2, pp.221-230, 2015 (Scopus)
- VII. **Aspergillus niveus ve Fusarium moniliforme ile Blue 13 boyasının renk giderimi**  
KARACA GENÇER H., KIVANÇ M.  
Anadolu Üniversitesi Bilim ve Teknoloji Dergisi :C-Yaşam Bilimleri ve Biyoteknoloji, vol.2, no.1, pp.21-30, 2012 (Peer-Reviewed Journal)
- VIII. **Kinetics of lead ion biosorption from aqueous solution onto lyophilized Aspergillus niveus**  
KARACA H., Tay T., KIVANÇ M.  
WATER PRACTICE AND TECHNOLOGY, vol.5, no.1, 2010 (ESCI)
- IX. **Biyokoruyucu olarak Laktik Asit Bakterileri ve Bakteriyosinler**  
DİNÇER E., KIVANÇ M., KARACA GENÇER H.  
GIDA, vol.35, no.1, pp.55-62, 2010 (Peer-Reviewed Journal)
- X. **Metabolik Mühendisliğinde laktik asit bakterileri**  
KARACA GENÇER H., DİNÇER E., KIVANÇ M.  
AKADEMIK GIDA, vol.8, pp.32-38, 2010 (Peer-Reviewed Journal)
- XI. **Yeni Beta Laktamaz İnhibitörlerinin Araştırılması**  
TUNALI Y., KARACA GENÇER H., ÖZTÜRK Y., korkmaz s.  
Anadolu Üniveritesi Bilim ve Teknoloji Dergisi, vol.10, pp.565-575, 2009 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of Farnesyl Diphosphate Synthase (ERG20) On Taxadiene Production**  
KARACA GENÇER H.  
International Conference on Medical, Biological and Pharmaceutical Sciences, 25 February 2020
- II. **Structural changes in gut microbiome of diabetic mice after Reboxetine treatment**  
TEKİNKOCA S., ÖZKUL KOÇAK C., KARACA GENÇER H.  
Helicobacter, Austria, 5 - 07 September 2019
- III. **Isolation, Characterization and Identification of Different Actinomycetes Strain from Forest Soils**  
TUNALI Y., CANTÜRK Z., KARACA GENÇER H., ÖZKAY Y., UÇUCU Ü., İŞIKDAĞ İ.  
1st International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2018), 22 - 23 November 2018
- IV. **Bioactive Metabolite Extraction by Brevibacterium and their Biological Activities**  
TUNALI Y., CANTÜRK Z., KARACA GENÇER H., ÖZKAY Y., UÇUCU Ü., İŞIKDAĞ İ.  
1st International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2018), 22 - 23 November 2018
- V. **Pseudohifsel gelişimin maya suşlarında depo karbonhidrat metabolizmasına etkileri**  
KARACA GENÇER H., KIVANÇ M., TÜRKEL S.  
II. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Antalya, Turkey, 15 November 2012 - 18 November 2018
- VI. **Evaulation of Candida albicans GSY1 gene promoter as Cd inducible promoter**  
KARACA GENÇER H., KAPKAÇ H. A.

European Biotechnology Congress, 2018, Athens, Greece, 26 - 28 April 2018

- VII. **Synthesis and antimicrobial activity of amide sulfonamide and thiourea derivatives bearing 1,3-oxazolidinones**  
KARAMAN N., KARAKUCUK İYİDOĞAN A., KAYMAKÇIOĞLU B., KAPKAÇ H. A., KARACA GENÇER H., ILGIN S., KARADUMAN A. B., ZAINEL A., ORUÇ EMRE E.  
12. International Symposium on Pharmaceutical Sciences, 26 - 29 June 2018
- VIII. **Design and synthesis and antimicrobial activities of triazole derivatives**  
Kubilay A., EVREN A. E., YURTTAŞ L., KISACIK İ., KARACA GENÇER H.  
12 th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2018
- IX. **Synthesis and Antimicrobial Activity of Amide, Sulfonamide and Thiourea Derivatives Bearing 1,3-Oxazolidinones**  
KARAMAN N., İYİDOĞAN A., KAYMAKÇIOĞLU B., KAPKAÇ H. A., KARACA GENÇER H., ILGIN S., KARADUMAN A. B., ADIL ZAINEL R., EMRE E. E.  
12nd International Symposium on Pharmaceutical Sciences, ISOPS-12, 26 - 29 June 2018
- X. **Design, synthesis and antimicrobial activities of triazole derivatives**  
Kubilay A., Evren A. E., YURTTAŞ L., Kısacık İ., KARACA GENÇER H.  
12th International Symposium on Pharmaceutical Sciences (ISOPS-12), 26 - 29 June 2018
- XI. **Metabolic engineering of *S. cerevisiae* for production of taxadiene**  
KARACA GENÇER H.  
Turkish-Japanese Workshop on Bioorganic Medicinal Chemistry Natural Products, 14 September 2017
- XII. **New 2,4-Disubstituted Thiazoles and their Antimicrobial Activiy**  
YURTTAŞ L., KARACA GENÇER H.  
AIMECS2017, Chemistry in Drug Discovery, Design and Development, 23 - 26 July 2017
- XIII. **A series of Pyrazoline Derivatives as Potent Anticandidal Agents**  
ÖZDEMİR A., ALTINTOP M. D., SEVER B., KARACA GENÇER H., ATLI EKLİOĞLU Ö.  
IVEK, 26 - 29 April 2017
- XIV. **Antifungal Activities and Brine Shrimp Lethality Test of Gallic Acid**  
TUNALI Y., CANTÜRK Z., KARACA GENÇER H., ÖZKAY Y., UÇUCU Ü., IŞIKDAĞ İ.  
Uluslararası İlaç ve Eczacılık Kongresi, 26 - 29 April 2017
- XV. **Fusidik Asidin Probiyotik ve Patojen Mikroorganizma Türleri Üzerindeki in-vitro Aktivitesi**  
ÖZTÜRK Y., KARACA GENÇER H., ÇİMCİK A.  
IVEK, 26 - 29 April 2017
- XVI. **Synthesis, Characterization and Molecular Docking Study of Some Novel Fluroquinolone Derivatives as Potential DNA Gyrase Inhibitors**  
ACAR U., LEVENT S., KARACA GENÇER H., ÖZKAY Y., ILGIN S.  
IVEK, 26 - 29 April 2017
- XVII. **Production of taxol precursor taxadiene in engineered yeast**  
KARACA GENÇER H., KRIVORUCHKO A., NIELSEN J.  
3. İlaç ve Eczacılık Kongresi, İstanbul, Turkey, 26 - 29 April 2017
- XVIII. **Synthesis and Anticandidal Activity of New Benzimidazole- 1,2,4-Triazole Derivatives**  
SAĞLIK B. N., ACAR ÇEVİK U., KARACA GENÇER H., ILGIN S., KORKUT B., ÖZKAY Y.  
IVEK, 26 - 29 April 2017
- XIX. **Synthesisi charecterization and molecular docking study of some novel fluroquinolone derivatives as potential DNA gyrase inhibitors**  
ACAR ÇEVİK U., LEVENT S., KARACA GENÇER H., ÖZKAY Y., ILGIN S.  
IVEK, 26 - 29 April 2017
- XX. ***S. cerevisiae* da Taksol öncülerinin metabolizma mühendisliği yöntemi ile eldesi**  
KARACA GENÇER H., KRIVORUCHKO A., NIELSEN J.  
23. Ulusal Biyoloji Kongresi, Turkey, 5 - 09 September 2016
- XXI. **Metabolizma mühendisliği ile taksadien üreten Maya Hücre Fabrikaları Oluşturulması**  
KARACA GENÇER H., KRIVORUCHKO A., NIELSEN J.

Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Turkey, 18 - 21 July 2016

- XXII. **Synthesis of Some 2,2-Benzylidenehydrazinyl 6,7-dimethoxyquinazolin-4-amine Derivatives and Their Antimicrobial and Cytotoxic Activity Evaluation**  
TURAN G., KAPLANCIKLI Z. A., YURTTAŞ L., CANTÜRK Z., KARACA GENÇER H., BAYSAL M.  
8th International Symposium on Computational Methods in Toxicology and Pharmacology Integrating Internet Resources, 21 - 25 June 2015
- XXIII. **SYNTHESIS AND ANTIMICROBIAL EFFECTS OF SOME NEW 1,3,4-THIADIAZOLE DERIVATIVES**  
IŞIKDAĞ İ., ÖZKAY Y., UÇUCU Ü., KARACA GENÇER H., CANTÜRK Z., TUNALI Y.  
Spanish-Italian Medicinal Chemistry Congress, Spain, 12 - 15 July 2015
- XXIV. **Synthesis of some 2,2-benzylidenehydrazinyl 6,7-dimethoxyquinazolin-4-amine derivatives and their antimicrobial and cytotoxic activity evaluation**  
Turan G., Kaplancıklı Z. A., Yurttaş L., Cantürk Z., Karaca Gençer H., Baysal M.  
8th international Symposium on Computational Methods in Toxicology and Pharmacology Integrating Internet Resources, Samos, Greece, 21 - 25 June 2015, pp.61
- XXV. **Synthesis of Some 2,2-Benzylidenehydrazinyl 6,7-Dimethoxyquinazolin-4-Amine Derivatives and Their Antimicrobial and Cytotoxic Activity Evaluation**  
TURAN G., KAPLANCIKLI Z. A., YURTTAŞ L., CANTÜRK Z., KARACA GENÇER H., BAYSAL M.  
8. International Symposium on Computational Methods in Toxicology and Pharmacology Integrating Internet Resources, Chios, Greece, 21 - 25 June 2015
- XXVI. **Synthesis and antimicrobial effects of some new 1,2,3-thiadiazole derivatives**  
IŞIKDAĞ İ., ÖZKAY Y., UÇUCU Ü., KARACA GENÇER H., CANTÜRK Z., TUNALI Y.  
Spanish-Italian Medicinal Chemistry congress, 10 - 12 June 2015, pp.70
- XXVII. **Synthesis and antimicrobial effects of some new benzothiazole derivatives XXIII Uluslararası Medisinal Kimya Sempozyumu EFMC ISMC 2014 2014**  
IŞIKDAĞ İ., ÖZKAY Y., UÇUCU Ü., KARACA GENÇER H., CANTÜRK Z.  
EFMC/ISMC, Portugal, 7 - 11 October 2014
- XXVIII. **Antimicrobial activity of some new 1,2,4,5-tetrasubstituted imidazole derivatives**  
UÇUCU Ü., ÖZKAY Y., IŞIKDAĞ İ., KARACA GENÇER H., CANTÜRK Z., TUNALI Y.  
(EFMC ISMC, 7 - 11 October 2014)
- XXIX. **Yurttaş L Kaplancıklı Z A Cantürk Z Karaca Gençer H Antituberculous and cytotoxic properties of new hydrazone derivatives III International Conference on Antimicrobial Research ICAR2014 Madrid Spain 1-3 Ekim 2014 T69 p288 2014**  
YURTTAŞ L., KAPLANCIKLI Z. A., CANTÜRK Z., KARACA GENÇER H.  
ICAR2014, Madrid, Spain, 1 - 03 October 2014
- XXX. **Antimicrobial Activity Of Some New 1,2,4,5-Tetrasubstituted Imidazole Derivatives**  
ÖZKAY Y., KARACA GENÇER H., TUNALI Y., UÇUCU Ü., İLHAN İ., CANTÜRK Z.  
XXIII.Uluslararası Medisinal Kimya Sempozyumu (EFMC ISMC 2014), 1 - 03 June 2014
- XXXI. **Synthesis and Antimicrobial Effects of Some New Benzothiazole Derivates**  
TUNALI Y., CANTÜRK Z., KARACA GENÇER H., ÖZKAY Y., UÇUCU Ü., IŞIKDAĞ İ.  
XXIII.Uluslararası Medisinal Kimya Sempozyumu (EFMC ISMC 2014), 1 - 03 June 2014
- XXXII. **Antimicrobial Activity Of Some Multifluorinated Imidazole Derivatives**  
TUNALI Y., CANTÜRK Z., KARACA GENÇER H., ÖZKAY Y., İLHAN İ., UÇUCU Ü., UÇUCU Ü.  
Uluslararası Medisinal Kimya Konferansı (RICT 2013, 3 - 05 July 2013)
- XXXIII. **Synthesis Of Novel Quinoxaline Derivatives As Antimicrobial Agents**  
TUNALI Y., CANTÜRK Z., KARACA GENÇER H., ÖZKAY Y., İLHAN İ., UÇUCU Ü.  
Uluslararası Medisinal Kimya Konferansı (RICT-2013), 3 - 05 July 2013
- XXXIV. **SYNTHESIS OF NOVEL QUINOXALINE DERIVATIVES AS ANTIMICROBIAL AGENTS**  
IŞIKDAĞ İ., ÖZKAY Y., UÇUCU Ü., TUNALI Y., KARACA GENÇER H., CANTÜRK Z.  
RICT 2013, Nice, France, 3 - 05 July 2013
- XXXV. **ANTIMICROBIAL ACTIVITY OF SOME MULTIFLUORINATED IMIDAZOLE DERIVATIVES Uluslararası Medisinal Kimya Konferansı RICT 2013 2013**

UÇUCU Ü., ÖZKAY Y., IŞIKDAĞ İ., TUNALI Y., KARACA GENÇER H., CANTÜRK Z.

RICT 2013, Nice, France, 3 - 05 July 2013

**XXXVI. Studies on Pyrazoline Derivatives as Antimicrobial Agents**

VARSAK M., TUNALI Y., KARACA GENÇER H., ÖZDEMİR A., ALTINTOP M. D., KAPLANCIKLI Z. A., ZİTOUNİ G.

10 th International Symposium on Pharmaceutical Sciences (ISOPS), 26 - 29 June 2012

**XXXVII. Synthesis and Antimicrobial Activity of Chalcone Derivatives Bearing Indole Moiety**

ÖZDEMİR A., ALTINTOP M. D., KAPLANCIKLI Z. A., ZİTOUNİ G., TUNALI Y., KARACA GENÇER H.

15. Hellenic Symposium on Medicinal Chemistry, 25 - 27 May 2012

**XXXVIII. Synthesis of novel Imidazole Derivatives as Antifungal Agents**

ÖZKAY Y., KARACA GENÇER H., TUNALI Y.

15. Hellenic Symposium on Medicinal Chemistry, 25 - 27 May 2012

**XXXIX. Synthesis of novel imidazole derivatives as antifungal agents**

Özkay Y., Yurttaş L., Tunali Y., Karaca Gençer H.

15. Hellenic Symposium on Medicinal Chemistry, Athens, Greece, 25 - 27 May 2012, pp.82

**XL. Synthesis and antimicrobial activity of some new hydrazone bridged pyrrole thiazole derivatives**

YURTTAŞ L., ÖZKAY Y., KAPLANCIKLI Z. A., KARACA GENÇER H., TUNALI Y.

15th Hellenic Symposium on Medicinal Chemistry (HSMC-15), 25 - 27 May 2012

**XLI. Antimicrobial Activity of Some Isoxazole Derivatives**

KARACA GENÇER H., TUNALI Y., ÖZKAY Y., İLHAN İ., UÇUCU Ü.

4th BBBB-Bled International Conference on Pharmaceutical Sciences-New Trends in Drug Discovery, Delivery Systems and Laboratory Diagnostics Location, Bled, Solovenia, 29 - 30 September 2011

**XLII. Synthesis and Antimicrobial Activity of New Imidazole Derivatives**

ÖZKAY Y., UÇUCU Ü., İLHAN İ., TUNALI Y., CANTÜRK Z., KARACA GENÇER H.

4th International Symposium on Synthetic and Medicinal Chemistry (ASMC-11), 21 - 23 August 2011

**XLIII. Kontrollü Salım Sistemi Taşıyıcı Destek Materyali Olarak Hazırlanan Kompozit Membranların Sitotoksitelerinin Değerlendirilmesi**

TUNALI Y., ARICA M. Y., CANTÜRK Z., KARACA GENÇER H., BAYRAMOĞLU G.

24. Ulusal Kimya Kongresi, Turkey, 29 June - 02 July 2010

**XLIV. Synthesis and Antimicrobial Activities of Some Novel Benzimidazole Hydrazone Derivates**

ÖZKAY Y., TUNALI Y., KARACA GENÇER H., İLHAN İ.

Third International Meeting on Pharmacy and Pharmaceutical Sciences (IMPPS-3), 9 - 12 June 2010

**XLV. The Investigation of the New Beta-lactamase Inhibitors**

TUNALI Y., CANTÜRK Z., KARACA GENÇER H., ÖZTÜRK Y., KORKMAZ S.

Third International Meeting on Pharmacy and Pharmaceutical Sciences (IMPPS-3), 9 - 12 June 2010

**XLVI. The Investigation of the New Beta Lactamase Inhibitors**

TUNALI Y., KARACA GENÇER H., CANTÜRK Z., KORKMAZ S., ÖZTÜRK Y.

Third International Meeting on Pharmacy and Pharmaceutical Sciences, 9 June - 12 July 2010

**XLVII. Bazı Antifungal Benzimidazol Türevlerinin Brine Shrimp Testi İle Toksisitelerinin Belirlenmesi**

TUNALI Y., KARACA GENÇER H., ÖZKAY Y., İLHAN İ.

Klinik Toksikoloji Derneği, XV. Kongresi, Turkey, 15 May 2010 - 19 May 2010

**XLVIII. Bazı antifungal benzimidazole türevlerinin brine shrimp testi ile toksisitelerinin belirlenmesi**

ÖZKAY Y., TUNALI Y., KARACA GENÇER H., IŞIKDAĞ İ.

15. Klinik Toksikoloji Derneği Kongresi, Turkey, 15 - 19 May 2010

**XLIX. Total Phenols and Antimicrobial Activity of some Turkish Salvia Species**

KARACA GENÇER H., CANTÜRK Z., TUNALI Y., KOYUNCU O., ÖZTÜRK N.

8 th International Symposium on the Chemistry of Natural Compounds (8 th SCNC), 15 - 17 June 2009

**L. Antimicrobial Activities of Some Newly Synthesized Benzimidazole Derivatives Bearing hydrozone Moiety**

ÖZKAY Y., KARACA GENÇER H., TUNALI Y., İLHAN İ.

9 th International Symposium on Pharmaceutical Sciences (ISOPS), 23 - 26 June 2009

**LI. Biosorption of Lead (II) İons by Lyophilized Aspergillus niveus**

KARACA GENÇER H., TUNALI Y., KIVANÇ M., TAY T., TÜRK H.

Water Micro 2007, 14 th International Symposium on Health-Related Water Microbiology, 9 - 15 September 2007

**LII. A. niveus ile Cu(II) İyonlarının Adsorpsiyonunun Araştırılması**

TUNALI Y., KARACA GENÇER H., TAY T., KIVANÇ M., TÜRK H.

VII. Ulusal Kromatografi Kongresi Kitabı, 18, Kırıkkale Üniversitesi Fen-Edebiyat Fakültesi, Kırıkkale, (2007),

Turkey, 13 - 15 June 2007

**LIII. A. niveus'xx un Blue 13 Boyasını Dekolorizasyonu**

TUNALI Y., KARACA GENÇER H., KIVANÇ M.

VII. Ulusal Kromatografi Kongresi Kitabı, 61, Kırıkkale Üniversitesi Fen-Edebiyat Fakültesi, Kırıkkale, (2007),

Turkey, 13 - 15 June 2007

**LIV. A. niveus ile Cu(II) iyonlarının adsorpsiyonunun araştırılması**

KARACA GENÇER H., TAY T., TUNALI Y., KIVANÇ M., TÜRK H.

VII. Ulusal kromatografi kongresi, Kırıkkale, Turkey, 13 - 15 June 2007

**LV. A. niveus Tarafından Dekolorizasyonu Gerçekleştirilen Blue 13 Boyasının Sitotoksitesinin Araştırılması**

TUNALI Y., KARACA GENÇER H., KIVANÇ M., KOPARAL A. T.

II. Disiplinlerarası Toksikoloji Kongresi, Turkey, 18 - 20 May 2007

**LVI. Decolorization of Blue 13 by Fungal Pellets**

KARACA GENÇER H., TUNALI Y., KIVANÇ M.

11 th International Symposium on Microbial Ecology-ISME-11, 17 - 22 August 2006

**LVII. A multi-camera vision system for real-time tracking of parcels moving on a conveyor belt**

KARACA H., AKINLAR C.

20th International Symposium on Computer and Information Sciences, ISCIS 2005, İstanbul, Turkey, 26 - 28

October 2005, vol.3733 LNCS, pp.708-717

**LVIII. Tekstil Boyar Maddelerinin Renk Gideriminde Mikroorganizmaların Kullanılabilirliğinin Araştırılması**

TUNALI Y., KARACA GENÇER H., KIVANÇ M.

XIV. Biyoteknoloji Kongresi Bildiri ve Poster Kitabı, Eskişehir, (2005), Turkey, 31 August - 02 September 2005

**LIX. Tekstil Boyar Maddelerinin Renk Gideriminde Mikroorganizmaların kullanılabilirliğinin araştırılması**

KARACA GENÇER H., TUNALI Y., KIVANÇ M.

14. Ulusal Biyoteknoloji Kongresi, Turkey, 31 August - 02 September 2005

## Supported Projects

KARACA H., Project Supported by Higher Education Institutions, *S. cerevisiae* mitokondriyal asetilCoA yolağının sitoplazmik asetil CoA yolağına yönlendirilmesi, 2021 - Continues

KARACA H., Project Supported by Higher Education Institutions, *S. cerevisiae*'da likopen üretimi, 2020 - Continues

KARACA H., Maya Hücre Fabrikaları ile Taksol Öncülerinin Üretimi-TUBİTAK 1001, 2017 - 2021

KARACA H., Project Supported by Higher Education Institutions, Bazı yeni piridin halkası taşıyan moleküllerin sentezi, yapılarının aydınlatılması, biyolojik aktivitelerinin incelenmesi, 2019 - 2020

KARACA H., ÖZTÜRK Y., Project Supported by Higher Education Institutions, Metabolizma mühendisliği yaklaşımları ile *S. cerevisiae*'da Taksol öncüsü Taksa 4,5-diyen-11,12' nin üretimi, 2017 - 2020

KARACA H., Project Supported by Higher Education Institutions, *Taxus baccata* GGPPS Geninin Biyoinformatik Olarak Oluşturulması ve *S. cerevisiae*'xxda Klonlanması, 2018 - 2019

Akyıl E., Karaca H., Öztürk A. A., Project Supported by Higher Education Institutions, Preparation of clarithromycin-loaded chitosan-coated PLGA nanoparticles with high antimicrobial activity with low dose use and evaluation of antimicrobial activity, 2018 - 2019

KARACA H., DEMİREL M., Project Supported by Higher Education Institutions, Posakonazol İçeren Polimerik Nanopartiküllerin Formülasyon Çalışmaları, 2017 - 2018

KARACA H., Project Supported by Higher Education Institutions, Bazı yeni hidrazon türevi bileşiklerin antimikrobiyal



aktivitelerinin yeni alternatif teknikler ile belirlenmesi, 2016 - 2017

KARACA H., Project Supported by Higher Education Institutions, Farmasötik Mikrobiyoloji Laboratuvarında MICE Alternatif Floresans, Luminesans Tekniklerin Rutin Kullanılır Hale Getirilmesi, 2016 - 2017

KARACA H., Project Supported by Higher Education Institutions, Bazı N-(4-Sübtüefenil)-2-Heteroarilsulfanil Asetamid Türevlerinin Sentezleri ve Kolinesteraz Enzimleri Üzerine Etkilerinin İncelenmesi, 2012 - 2016

KARACA H., Other International Funding Programs, Yeast Cell Factories for Production of Taxadiene, 2014 - 2015

TUNALI Y., CANTÜRK Z., KARACA H., ÖZKAY Y., Project Supported by Higher Education Institutions, Bazı İmidazol Bileşiklerinin Sentezi ve Kantitatif Yapı Antimikrobiyel Aktivite İlişkilerinin İncelenmesi, 2011 - 2014

TUNALI Y., KARACA H., CANTÜRK Z., ÖZKAY Y., Project Supported by Higher Education Institutions, Bazı Kinoksalin Türevlerinin Sentezi ve Kantitatif Yapı Antimikrobiyel Aktivite İlişkilerinin İncelenmesi, 2011 - 2014

KARACA H., Project Supported by Higher Education Institutions, Bazı Maya Türlerinde trehaloz ve glikojen metabolizmasına etki eden faktörlerin analizi, 2009 - 2013

CANTÜRK Z., KARACA H., Project Supported by Higher Education Institutions, NIH3T3 Hücre Hattının Poli Hema Egdma Hidrojellerine Yapışabilme Canlılık ve Sitotoksisite Öz Belirlenmesi Kontrollü Salm Sist Olarak Kullanılabilirli ve Antimikrobiyal Etkinliğinin Araştırılması, 2010 - 2012

KARACA H., Project Supported by Higher Education Institutions, Tekstil Boyar Maddelerinin Mikrobiyal Renk Giderimi, 2005 - 2007