

## Assoc. Prof. NESLİHAN BEYAZİT

### Personal Information

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### International Researcher IDs

ORCID: 0000-0002-5722-2400

Publons / Web Of Science ResearcherID: V-7151-2017

ScopusID: 6603645308

Yoksis Researcher ID: 107579

### Education Information

Doctorate, Istanbul University, Institute Of Graduate Studies In Sciences, Turkey 2003 - 2009

Postgraduate, Turkey 1999 - 2001

Undergraduate, Ankara University, Eczacılık Fakültesi, Turkey 1995 - 1999

### Foreign Languages

English

### Dissertations

Doctorate, Yeni tiyosüstitüe dienler, buteninler ve butatrienlerin sentezi, Istanbul University, Institute Of Graduate Studies In Sciences, 2009

Postgraduate, Ammi visnaga (Lam.) bitkisinin kimyasal bileşiminin incelenmesi ve özel etkili kozmetik preparatların formülasyonu, 2001

### Research Areas

Natural Sciences

### Academic Titles / Tasks

Assistant Professor, 2011 - Continues

Research Assistant, 2010 - 2011

Research Assistant, Istanbul University, 2003 - 2010

Research Assistant, 1999 - 2003

### Academic and Administrative Experience

2013 - 2015

## Courses

KIM-5101 UZMANLIK ALAN DERSİ, Undergraduate Double Major, 2017-2018, 2016-2017, 2015-2016, 2014-2015, 2013-2014  
1203513 ORGANİK KİMYA III, Undergraduate, 2017-2018, 2016-2017, 2015-2016, 2013-2014  
1203595 ORGANİK SENTEZ TASARIMI (SEÇMELİ DERS), Undergraduate, 2017-2018, 2016-2017, 2015-2016, 2014-2015, 2013-2014  
KIM-5295 BİYOAKTİF ORGANİK BİLEŞİKLERİN SENTEZİ, Undergraduate Double Major, 2017-2018, 2016-2017, 2015-2016  
KIM-5299 RETROSENTETİK ANALİZ I, Undergraduate Double Major, 2017-2018, 2016-2017, 2015-2016, 2014-2015, 2013-2014  
1203515 ORGANİK KİMYA LAB I, Undergraduate, 2017-2018, 2016-2017, 2015-2016  
1801222 ORGANİK KİMYA, Undergraduate, 2016-2017, 2015-2016, 2014-2015, 2013-2014  
1203462 ORGANİK KİMYADA LAB TEKNİKLERİ (SEÇMELİ DERS), Undergraduate, 2016-2017  
KIM-5206 DOĞAL ÜRÜNLER KİMYASI II, Undergraduate Double Major, 2016-2017, 2015-2016, 2014-2015, 2013-2014  
2101110 ORGANİK KİMYA, Undergraduate, 2016-2017, 2015-2016, 2014-2015  
KIM-5296 RETROSENTETİK ANALİZ II, Undergraduate Double Major, 2016-2017, 2015-2016, 2014-2015, 2013-2014  
KIM-5294 ORGANİK KÜKÜRTLÜ BİLEŞİKLER, Undergraduate Double Major, 2016-2017  
1203616 ORGANİK KİMYA LAB II, Undergraduate, 2016-2017, 2015-2016  
1203824 MESLEKİ STAJ, Undergraduate, 2015-2016  
KIM-5292 ORGANİK FOTOKİMYA II, Undergraduate Double Major, 2015-2016  
1203701 DİPLOMA ÇALIŞMASI I, Undergraduate, 2015-2016, 2014-2015  
KIM-5295 ORGANİK FOTOKİMYA I, Undergraduate Double Major, 2015-2016  
Organik Kimya III, Undergraduate, 2014-2015  
Organik Kimya Laboratuvarı I, Undergraduate, 2014-2015, 2013-2014  
KIM-5205 DOĞAL ÜRÜNLER KİMYASI I, Undergraduate Double Major, 2014-2015  
1103202 GENEL KİMYA, Undergraduate, 2014-2015  
1104210 GENEL KİMYA LAB II, Undergraduate, 2014-2015  
Organik Kimya Laboratuvarı II, Undergraduate, 2013-2014  
7408101 GENEL KİMYA, Associate Degree, 2013-2014  
7408218 ORGANİK KİMYA, Associate Degree, 2013-2014  
7410103 GENEL KİMYA, Associate Degree, 2013-2014

## Advising Theses

BEYAZİT N., (-)-gossypol türevi schiff bazlarının sentezi, karakterizasyonu, antioksidan aktivitelerinin ve in silico antikanser aktivitelerinin incelenmesi, Postgraduate, İSURE(Student), 2023  
BEYAZİT N., Kromon türevi Schiff bazı metal komplekslerinin sentezi ve katekol oksidaz benzeri aktivitelerinin incelenmesi, Postgraduate, S.ÇOBANOĞLU(Student), 2017

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

- I. **Khellin and visnagin in different organs of Ammi visnaga and Ammi majus**  
Adımcılar V., BEYAZİT N., Berker F. B.  
Natural Product Research, vol.37, no.1, pp.164-166, 2023 (SCI-Expanded)
- II. **The protective effect of Boswellic acid and Ellagic acid loaded, colon targeted, and pH-sensitive N-succinyl chitosan in ulcerative colitis rat model**  
YİPEL M., Tekeli İ. O., ALTINOK YİPEL F., COŞKUN P., Aslan A., GÜVENÇ M., BEYAZİT N., Özsoy Ş. Y.  
Journal of Drug Delivery Science and Technology, vol.68, 2022 (SCI-Expanded)

- III. **Synthesis, characterization and antioxidant activity of chitosan Schiff base derivatives bearing (–)-gossypol**  
BEYAZİT N., Çakran H. S., Cabir A., AKIŞCAN Y., DEMETGÜL C.  
Carbohydrate Polymers, vol.240, 2020 (SCI-Expanded)
- IV. **Synthesis, characterization and antioxidant activity of chitosan-chromone derivatives**  
DEMETGÜL C., BEYAZİT N.  
Carbohydrate Polymers, vol.181, pp.812-817, 2018 (SCI-Expanded)
- V. **Chromone-based Schiff base metal complexes as catalysts for catechol oxidation: Synthesis, kinetics and electrochemical studies**  
BEYAZİT N., Çakmak D., DEMETGÜL C.  
Tetrahedron, vol.73, no.19, pp.2774-2779, 2017 (SCI-Expanded)
- VI. **Synthesis, characterization and catecholase-like activity of new Schiff base metal complexes derived from visnagin: Theoretical and experimental study**  
BEYAZİT N., ÇATIKKAŞ B., BAYRAKTAR Ş., DEMETGÜL C.  
Journal of Molecular Structure, vol.1119, pp.124-132, 2016 (SCI-Expanded)
- VII. **The chemical investigations of the ripe fruits of AMMI visnaga (LAM.) lamarck growing in Turkey**  
Günaydin K., BEYAZİT N.  
Natural Product Research, vol.18, no.2, pp.169-175, 2004 (SCI-Expanded)

### Articles Published in Other Journals

- I. **CHEMICAL COMPOSITION AND ANTIBACTERIAL ACTIVITY OF MENTHA PIPERITA VAR. CITRATA EXTRACTS OBTAINED BY DIFFERENT EXTRACTION SOLVENTS**  
Kürekci c., Beyazit N.  
GIDA, vol.47, no.3, pp.531-538, 2022 (Peer-Reviewed Journal)
- II. **The Synthesis and Spectral Properties of Benzofuran Derivative Bis-Chalcone**  
BEYAZİT N.  
Hittite Journal of Science and Engineering, 2018 (Peer-Reviewed Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Validated Micellar Liquid Chromatography Method for Simultaneous Estimation of Furanochromones in Ammi visnaga Fruits and Pharmaceutical Preparations**  
Yıldırım Baştemur G., PERÇİN ÖZKORUCUKLU S., GÜNAYDIN K., BEYAZİT N.  
4th International Conference on Pure and Applied Sciences (Renewable Energy) ICPAS 2017, İstanbul, Turkey, 23 - 25 November 2017
- II. **Synthesis, Characterization and Spectral Properties of Benzofuran-Based Chalcone**  
BEYAZİT N.  
The Second Japan-Turkey Interntional Symposium on Pharmaceutical and Biomedical Sciences, Trabzon, Turkey, 11 - 12 September 2017
- III. **METAL COMPLEXES OF PERIMIDINE AND SCHIFF BASE LIGANDS BEARING BOTH NAPHTHALENE AND CHROMONE MOIETIES: SYNTHESIS AND CATALYTIC ACTIVITY**  
BEYAZİT N., DEMETGÜL C.  
3rd International Conference on New Trends in Chemistry, Helsinki, Finland, 28 - 30 April 2017
- IV. **Kromon Türevi Schiff Bazı Metal Komplekslerinin Sentezi, Karakterizasyonu ve Katekolaz Aktivitelerinin İncelenmesi**  
BEYAZİT N., DEMETGÜL C.  
1st International Congress on Vocational and Technical Sciences, Batumi, Georgia, 8 - 10 April 2017
- V. **Mononuclear Copper II and Iron II Complexes of New Tetradentate Schiff Base Ligands Containing**

**Chromone Moiety Synthesis Characterization and Catecholase Mimetic Activity**

BEYAZİT N., DEMETGÜL C.

2nd International Conference On Science, Ecology And Technology (ICONSETE'2016), 14 - 16 October 2016, pp.127

- VI. **Ammi visnaga L. Ekstrelerindeki ve Bitkisel Ürünlerdeki Furanokromonların HPLC ile Tayini**  
Yıldırım Baştemur G., PERÇİN ÖZKORUCUKLU S., BEYAZİT N., GÜNAYDIN K.  
8. Ulusal Analitik Kimya kongresi, Isparta, Turkey, 30 May - 03 June 2016
- VII. **Transition metal complexes of novel chromone Schiff bases Synthesis characterization and catecholase like activity**  
DEMETGÜL C., BEYAZİT N.  
NCC6 - 6th Catalysis Conference, Bursa, Turkey, 27 - 30 April 2016, pp.212-213
- VIII. **Synthesis Characterization and Catalytic Activity of Mononuclear Copper II and Iron II Complexes with New Schiff Base Ligands Derived from Visnagin**  
BEYAZİT N., DEMETGÜL C.  
2nd ICNTC 2016 (International Conference on New Trends in Chemistry), 19 - 22 April 2016, pp.383
- IX. **Kinetic Studies on Catecholase-like Activity of New Schiff Base Cu(II) Complex**  
DEMETGÜL C., BEYAZİT N., BAYRAKTAR Ş.  
Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina with International Participation, Saraybosna, Bosnia And Herzegovina, 10 - 12 October 2014
- X. **Kromon Türevi Schiff Bazı Metal Kompleksinin Sentezi, Karakterizasyonu ve Katekolaz Aktivitesinin İncelenmesi**  
BEYAZİT N., DEMETGÜL C., BAYRAKTAR Ş.  
2. Ulusal Organik Kimya Kongresi, Ankara, Turkey, 24 - 26 August 2014
- XI. **The Synthesis and Stability of Some Thiosubstituted Cumulene Compounds**  
BEYAZİT N., İBİŞ C.  
International Conference of Young Scientists –“ Chemistry Today 2013”, Tiflis, Georgia, 17 - 19 May 2013
- XII. **Yeni Sülfünil Sübstitüe Halo-1,3-Butadien Bileşiklerinin Sentezi**  
BEYAZİT N., İBİŞ C.  
26. Ulusal Kimya Kongresi, Muğla, Turkey, 1 - 06 October 2012
- XIII. **Studies on Chemical Composition and Biological Activities of Ammi visnaga (Lam.) Lamarck Growing in Turkey**  
BEYAZİT N., ERKAN I., GÜNAYDIN K.  
New Challenges in Natural Product Chemistry, İstanbul, Turkey, 12 - 13 September 2011
- XIV. **The Reactions of Benzopyrylium Salts of Khellin with Nucleophiles**  
BEYAZİT N., GÜNAYDIN K.  
23rd International Congress of Heterocyclic Chemistry (ICHC 2011), Glasgow, England, 31 July - 04 August 2011
- XV. **Yeni S-Sübstitüe Dienler, Buteninler ve Butatrienlerin Sentezi**  
BEYAZİT N., İBİŞ C.  
24. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010
- XVI. **Bazı Yeni S-Sübstitüe Butadien ve Buteninlerin Sentezi**  
BEYAZİT N., İBİŞ C.  
21. Ulusal Kimya Kongresi, Malatya, Turkey, 23 - 27 August 2007
- XVII. **Halobutadien ve Tiyollerden Yeni Tiyosübstitüe Dienler, Buteninler ve Butatrienler**  
İBİŞ C., BEYAZİT N.  
XX. Ulusal Kimya Kongresi, Kayseri, Turkey, 4 - 08 September 2006
- XVIII. **Ammi visnaga L. Growing in Turkey and Vitiligo**  
BEYAZİT N., GÜNAYDIN K.  
COSMODERM III and 5th International Cosmetics Symposium (ICoS), İstanbul, Turkey, 9 - 11 July 2003
- XIX. **The Chemical Investigation of Ammi visnaga (Lam.) Growing in Hatay Region**  
BEYAZİT N., GÜNAYDIN K.  
Mustafa Kemal University - International Organic Chemistry Meeting (MKU-IOCM), Hatay, Turkey, 25 - 28 March

2002

XX. **Ammi visnaga (L.) Bitkisinin Meyvelerinden Furanokromonların Eldesi**

BEYAZİT N., GÜNAYDIN K., TOPÇU G., GÖREN A. C.

XIV. Ulusal Kimya Kongresi, Diyarbakır, Turkey, 10 - 15 September 2000

## Supported Projects

KÜREKÇİ C., BEYAZİT N., Project Supported by Higher Education Institutions, Mentha piperita var citrata bitki ekstralarının antibiyotik dirençli patojen mikroorganizmalara karşı aktivitelerinin belirlenmesi, 2020 - 2021

DEMETGÜL C., BEYAZİT N., Gossypium Hirsutum L. Bitkisinin Tohumlarından İzole Edilen (-)-Gossypol ile Yeni Tip Kitosan Türevlerinin Sentezi ve Sitotoksik Aktivitelerinin In-Vitro İncelenmesi (TÜBİTAK-117Z203), 2017 - 2020

Yipel M., Beyazit N., Aslan A., Tekeli İ. O., Altınok Yipel F., Özsoy Ş. Y., Güvenç M., Coşkun P., TUBİTAK Project, İlaç Taşıma Sistemleriyle Kolona Hedeflendirilen Boswellic Asit ve Ellagic Asit in Antiinflatuvar ve Antioksidan Etkinliklerinin Araştırılması, 2016 - 2018

COŞKUN P., ÖZSOY Ş. Y., ASLAN A., GÜVENÇ M., BEYAZİT N., ALTINOK YİPEL F., YİPEL M., İlaç Taşıma Sistemleriyle Kolona Hedeflendirilen Boswellic Ssit ve Ellagic Asitin Antiinflatuvar ve Antioksidan Etkinliklerinin Araştırılması, 2016 - 2018

GÜVENÇ M., ALTINOK YİPEL F., Özsoy Ş. Y., BEYAZİT N., ASLAN A., COŞKUN P., TEKELİ İ. O., YİPEL M., İlaç Taşıma Sistemleriyle Kolona Hedeflendirilen Boswellic Asit ve Ellagic Asit'in Antiinflatuvar ve Antioksidan Etkinliklerinin Araştırılması (2150891), 2016 - 2017

BEYAZİT N., ÇOBANOĞLU S., Project Supported by Higher Education Institutions, Kromon Türevi Schiff Bazı Metal Komplekslerinin Sentezi ve Katekol Oksidaz Benzeri Aktivitelerinin İncelenmesi, 2015 - 2017

BEYAZİT N., GÜNAY Z. E., YILMAZ E. Ş., DEMETGÜL C., Project Supported by Higher Education Institutions, Yeni Tip Vic dioksimlerin ve Metal Komplekslerinin Sentezi Karakterizasyonu ve Biyolojik Aktivitelerinin İncelenmesi, 2014 - 2016

DEMETGÜL C., BEYAZİT N., Ammi Visnaga Lam Lamarck Bitkisinden İzole Edilen Visnagin Temelli Schiff Bazı Metal Komplekslerinin Sentezi ve Katalitik Aktivitelerinin İncelenmesi (TÜBİTAK-113Z604) 2016., 2014 - 2016

BEYAZİT N., DEMETGÜL C., TUBİTAK Project, Ammi visnaga (Lam.) Lamarck BİTKİSİNDEN İZOLE EDİLEN VİSNAGİN TEMELLİ SCHIFF BAZI METAL KOMPLEKSLERİNİN SENTEZİ VE KATALİTİK AKTİVİTELERİNİN İNCELENMESİ (TÜBİTAK - 3001), 2014 - 2016

## Scientific Refereeing

BULLETIN OF THE CHEMICAL SOCIETY OF ETHIOPIA, Other journals, January 2017

## Metrics

Publication: 29

Citation (Scopus): 275

H-Index (Scopus): 6