

Curruculum Vitae

1. Name Surname : E. Vildan BURGAZ
2. Date of Birth : 12.07.1981
3. Title : Assist. Prof. Dr.
4. Position : Ph. D.
5. Institution : Eastern Mediterranean University



Degree	Department	University	Year
Undergraduate	Chemistry	Ankara University	2004
Master	Organic Chemistry	Ankara University	2006
Ph. D.	Organic Chemistry	Ankara University	2011

6. Work Experiences

- 6.1 Eastern Mediterranean University: Sept 2015- Going on
- 6.2 Onko Koçsel İlaç: March 2014-Sept 2015 / Analytical R&D Specialist
- 6.3 Argis İlaç: Jan 2013- Jan 2014 / Analytical R&D Specialist
- 6.4 Nobel Farma / Fargem: Sep 2008- Dec 2009 / Synthesis R&D Specialist
- 6.5 Ulkar Kimya İlaç San: Sep 2007- Sep 2008 / Synthesis R&D Specialist

7. Articles

- 7.1 Burgaz, E.V., Noshadi, B., Yakut, M. Synthesis, Characterization, and Optimization of Novel Furan-ring Fused Chalcones via Radical Cyclization of α,β -Unsaturated Ketones and Cyclic Ketone, *Letters in Organic Chemistry*, 2024, 21, 534-540
- 7.2 Burgaz, E.V., Noshadi, B., and Gulcan, H.O.; A novel fluorescent-based HPLC method for determination of urolithins. *J Res Pharm.*, 2023; 27(5): 2007-2016.
- 7.3 Pozharani, L.B., Baloglu, E., Suer, K., Guler, E., Burgaz, E.V., Kunter, I.; Development and optimization of in-situ gels for vaginal delivery of metronidazole and curcumin via box-behnen design: In vitro characterization and anti-trichomonas activity. *Journal of Drug Delivery Science and Technology*, 2023, 86, 104739.
- 7.4 Pozharani, L.B., Burgaz, E.V. and Baloglu, E.; Development and validation of an RP-HPLC method for simultaneous determination of curcumin and metronidazole in combined dosage form. *Istanbul J Pharm*, 2022, 52 (3): 250-257.
- 7.5 Amel, M.; Pozharani, L.B.; Burgaz, E.V., Turkmen, O.; Development and validation of new RP-HPLC method for estimation of pramipexole dihydrochloride in bulk and pharmaceutical formulation. *EMUJPharmSci*, 2022, 5, 1-10.

- 7.6** Khezri, N. **Burgaz, E.V.**; Microwave assisted synthesis of ethyl 2,2-bis(4-fluorophenyl)-4-oxo-3,4-dihydro-2H-furo[3,2-c]chromene-3-carboxylate via manganese (III) acetate mediated radical cyclization reaction. **EMUJPharmSci**, 2020, 3, 80-85.
- 7.7** Yaghoubneshadzanganeh, G. **Burgaz, E.V.**; Forced degradation studies of new formulation containing naltrexone. **EMUJPharmSci**, 2019, 2, 75-83.
- 7.8** Norouzbahari, M; **Burgaz, E.V.**; Ercetin, T.; Fallah, A.; Foroumadi, A.; Firoozpour, L.; Sahin, M. F.; Gazi, M. and Gulcan, H. O.; Design, Synthesis and Characterization of Novel Urolithin Derivatives as Cholinesterase Inhibitor Agents. **Letters in Drug Design & Discovery**, 2018, 15, 1131-1140.
- 7.9** Yılmaz, M.; **Burgaz, E.V**; Yakut, M.; Bicer, E; Synthesis of 4,5-Dihydrofuran-3-carbonitrile Derivatives with Electron-Rich Alkenes in the Presence of Manganese(III) Acetate. **Journal of the Chinese Chemical Society**, 2014, 61, 1101-1107.
- 7.10** Bicer, E; Yılmaz, M.; **Burgaz, E.V**; Pekel, A. T.; Synthesis of Thienyl-Substituted Dihydrofuran Compounds Promoted by Manganese(III) Acetate. **Helv. Chim. Acta.**, 2013, 96, 135-141.
- 7.11** **Burgaz, E.V.**, Yılmaz, M.; Öktemer, A.; Radical cyclizations of conjugated esters and amides with 3-oxopropanenitriles mediated by manganese(III) acetate. **Arkivoc**, 2011, 363-376.
- 7.12** Yılmaz, M.; **Burgaz, E.V.**, Pekel, A. T.; Radical Cyclization of Fluorinated 1,3-Dicarbonyl Compounds with Dienes Using Manganese(III) Acetate and Synthesis of Fluoroacylated 4,5-Dihydrofurans. **Helv. Chim. Acta.**, 2011, 94, 2027-2038.
- 7.13** **Burgaz, E.V.**; Yılmaz, M.; Pekel, A. T. and Öktemer, A.; Oxidative Cyclization of 3-Oxopropanenitriles with α,β -Unsaturated Amides by Manganese(III) Acetate. Regio- and Stereoselective Synthesis of 4-Cyano-2,3-dihydrofuran-3-carboxamides, **Tetrahedron**, 63, 72297239, 2007.

8. International Congress

- 8.1 Microwave-Assisted Reaction of Ethyl 3,3-Bis(4-Fluorophenyl) Acrylate and 4-Hydroxycoumarin Via Manganese(III) Acetate; **E. Vildan BURGAZ**, Negar KHEZRI; 4th International Symposium of Scientific Research and Innovative Studies; 13-16 March 2024 (Oral Presentation)
- 8.2 Forced Degradation Studies Of New Formulation Containing Naltrexone; **E. Vildan Burgaz**, Golnaz Yaghoubneshadzanganeh; 7. International Ankara Multidisciplinary Studies Congress; March 5-6, 2024 (Oral Presentation)
- 8.3 Polymeric nanoparticles: a revolutionary approach to dermatological treatments; Leyla Beba Pozharani, **E. Vildan Burgaz**; V. International Conference On Global Practice Of Multidisciplinary Scientific Studies, December 10-12, 2023 (Oral Presentation)

- 8.4 Development Of RP-Hplc Method For Estimation Of New Nadifloxacin And Curcumin Combination; **E. Vildan Burgaz**; Leyla Beba Pozharani; UMTEB – XIV International Scientific Research Congress, September 14-15, 2023 / Naples, Italy (Oral Presentation)
- 8.5 High-Performance Liquid Chromatographic Method Development For The Identification And Quantification Of Major Urolithins And Their Methyl Ether Metabolites; Bahareh Noshadi, **E. Vildan Burgaz**, Hayrettin Ozan Gülcan; Mediterranean International Conference on Research in Applied Sciences 22-24 April 2022, (Oral Presentation)
- 8.6 Synthesis And Characterization Of Novel 1,5-Bis(4-Fluorophenyl)Penta-1,4-Dien-3-One O-Benzoyl Oxime; **E. Vildan Burgaz**, Seyed Armin Houshmand Kia, Mahya Tanha; Ahi Evran International Conference on Scientific Research, 30 November – 1-2 December, 2021, (Oral Presentation)
- 8.7 Synthesis And Characterization Of Novel (1e,4e)-1,5-Di(Thiophen-2-Yl) Penta-1,4-Dien-3-One O-Benzoyl Oxime; **E. Vildan Burgaz**, Mahya Tanha, Seyed Armin Houshmand Kia; ISARC, 1. INTERNATIONAL DICLE SCIENTIFIC RESEARCH AND INNOVATION CONGRESS 27-28 November 2021, (Oral Presentation)
- 8.8 Development and Validation of a New RP-HPLC Method for Estimation of Pramipexole Dihydrochloride in Bulk and Pharmaceutical Formulation; Leyla Beba Pozharani, **E. Vildan Burgaz**, Ömer Türkmen, Moein Amel; 4th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2021) November 24-26, 2021, (Oral Presentation)
- 8.9 Formulation and Characterization of Dutasteride Emulgels; Leyla Beba Pozharani, Jannat Wahtab H. Al-Jubouri, **E. Vildan Burgaz**, Metin Çelik; IGSCONG'21 17-20 June 2021, (Oral Presentation)
- 8.10 Synthesis And Characterization Of Some Novel 1,5-Diaryl-penta-1,4-Dien-3-One O-Benzoyl Oxime Compounds; **E. Vildan Burgaz**; International Symposium of Scientific Research and Innovative Studies, 22-25 February 2021 (Oral Presentation)
- 8.11 Anticancer Effects Of Novel Compounds Synthesized By The Reaction Of Various Substituents Containing Chalcones With Barbituric Acid Derivatives; **E. Vildan Burgaz**, İmge Kunter, Mehtap Özgür; 8th Multidisciplinary Cancer Research Congress, 16-17 Jan 2021 (Oral Presentation)
- 8.12 Cytotoxic Effects of Novel Diazaspiro Undecane Derivatives Against HCC Cancer Cells; **E. Vildan Burgaz**, İmge Kunter, Mehtap Özgür; 9. International Molecular Biology and Biotechnology Congress, 6-10 December 2020, Kars-TURKEY (Online) (Oral Presentation)
- 8.13 The synthesis of Novel 7,11-diaril-3-tyookso-2,4-diazaspiro[5,5]undekan-1,5,9- trion Compounds; **E. Vildan BURGAZ**, Mehtap ÖZGÜR; 8. International Drug Chemistry Conference, 27 Feb-01 March 2020, Antalya (Oral Presentation)

- 8.14 The Anatomical Structure and Antibacterial Activity of the Leaves of *Corchorus olitorius* L., A Traditional Food (Molokhia) in North Cyprus; Sultan ÖĞMEN, Gizem Kinel, Ertuğrul Özbil, Mehmet İLKTAÇ, Fatma Neriman Özhatay, **Emine Vildan Burgaz**; 4. International Symposium of Medicinal and Aromatic Plants, 2-4 October 2018, Çeşme-İzmir (Poster).
- 8.15 Development of novel HPLC method for analysis of metronidazole and curcumine combination; Leyla Beba Pozharani, **Emine Vildan Burgaz**, Esra Baloglu; International Pharmaceutical Federation (FIP), 2018 FIP Congress in Glasgow (Scotland) (Poster).
- 8.16 Questioning The N-Benzyl Group Within The Aryl-Spacer-N-Benzyl Pharmacophore Employed for the Design of Cholinesterase Inhibitor Agents; Maryam Norouzbahari, **Emine V. Burgaz**, Tugba Ercetin, Amirhossein Fallah, Mustafa F. Sahin, Mustafa Gazi and Hayrettin O. Gulcan, Uluslararası Katılımlı 6.İlaç Kimyası, 22-23 Mart 2018, Antalya (Poster).
- 8.17 Free Radical Addition Of 1,3-Dicarbonyl Compounds Mediated Manganese (III) Acetate To 2-Thienyl Substituted Alkenes; Mehtap YAKUT, Mehmet YILMAZ, Oğuzhan Alagöz, Melih KARATAŞ, Emre BİÇER, **E.Vildan BURGAZ**, Atilla ÖKTEMER; International Conference on Organic Chemistry, 5-9 June 2007, Erzurum – Turkey (Poster).

9. National Congress

- 9.1 “Yeni Furo[3,2-c]kumarin ve Furo[3,2-c]piran Bileşiklerinin Mikrodalga ile Sentezi”, **E. Vildan BURGAZ**, Bahareh Noshadi ve Mehtap ÖZGÜR, 30.Ulusal Kimya Kongresi, 2018, KKTC (Poster)
- 9.2 “3-Oksopropannitrillerin Mangan(III) Asetat Aracılığıyla konjuge ester ve Amitlerle Radikalik Halkalaşma Reaksiyonları”, **E.Vildan BURGAZ**, Mehmet YILMAZ, Atilla ÖKTEMER; 24. Ulusal Kimya Kongresi, 2010, Zonguldak (Poster)
- 9.3 “3-Triflorasetil-4,5-Dihidrofuran ve 2-Triflormetil-Tetrahidrofuran Bileşiklerinin Sentezi”, **E.Vildan BURGAZ**, Mehmet YILMAZ, Atilla ÖKTEMER; 24. Ulusal Kimya Kongresi, 2010, Zonguldak (Poster)
- 9.4 3-Oksopropannitrillerin Mangan(III) Asetat Aracılığında α,β -Doymamış Amitlerle Radikalik Halkalaşma Reaksiyonları”, **E.Vildan BURGAZ**, Mehmet YILMAZ, A.Tarık PEKEL, Atilla ÖKTEMER; XXI. Ulusal Kimya Kongresi, 23-27 Ağustos 2007, Malatya (Poster)
- 9.5 Trifluormetil-1,3-Dikarbonil Bileşiklerinin Konjuge Dienlerle Halkalaşma Reaksiyonları”, Mehmet YILMAZ, **E.Vildan BURGAZ**; XXI. Ulusal Kimya Kongresi, 23-27 Ağustos 2007, Malatya (Poster)
- 9.6 Aktif Metilen Bileşiklerinin Mangan(III) Asetat Ortamında Tiyenil Sübstitüe Alkenlerle Radikalik Halkalaşma Reaksiyonları” Fatoş Akman, Mehmet Yılmaz, Emre Biçer, **E.**

Vildan BURGAZ, Oğuzhan Alagöz, Mehtap Yakut, Atilla Öktemer; XXI. Ulusal Kimya Kongresi, 23-27 Ağustos 2007, Malatya (Poster)

10. Patents

10.1 Moxifloksasin HCl'in yeni kristal formları ve bunların hazırlanması için yöntemler.
Başvuru Yayın No.: TR 2008 02516 A2, Başvuru Yayın Tarihi: 2009/11/23

11. Courses Given:

- Organic Chemistry-II
- Physicochemical Controls of Pharmaceuticals
- Instrumental Analytical Methods