

Asst. Prof. DEMET DİNCEL

Personal Information

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Education Information

Post Doctorate, University of Waterloo, Canada 2021 - Continues

Doctorate, İstanbul Üniversitesi, Sağlık Bilimleri Enstitüsü, Analitik Kimya, Turkey 2012 - 2018

Postgraduate, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, Turkey 2008 - 2011

Undergraduate, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Kimya, Turkey 2003 - 2008

Certificates, Courses and Trainings

Education Management and Planning, Eğiticinin Eğitimi, Bezmîâlem Vakıf Üniversitesi, 2020

Vocational Training, Numune Hazırlama Teknikleri ve Uygulamaları, İstanbul Üniversitesi Eczacılık Fakültesi, 2012

Education Management and Planning, Deney Hayvanları Kullanım Sertifikası, Bezmialem Vakıf Üniversitesi Deney Hayvanları Yerel Etik Kurulu, 2012

Vocational Training, Kromatografik Metod Geliştirme ve Validasyon, İstanbul Üniversitesi Eczacılık Fakültesi, 2012

Dissertations

Doctorate, Biyolojik Sıvılardan Meropenem'in Yüksek Performanslı Sıvı Kromatografisi İle Miktar Tayini, İstanbul Üniversitesi, Eczacılık Fakültesi, Analitik Kimya, 2018

Postgraduate, Prangos ilanae ve Heracleum platytaenium Bitkilerindeki Sekonder Metabolitlerin İzolasyonu, Antioksidan ve Antikolinesteraz Aktivitelerinin İncelenmesi, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, 2011

Research Areas

Chemistry, Analytical Chemistry, Bioanalytical Methods, Chromatographic Analysis, Mass Spectroscopy, Magnetic Resonance Spectroscopy, Sample preparation, Spectroscopical Methods, Organic Chemistry, Plant Chemistry, Chemistry of Natural Products, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Bezmialem Vakıf University, Faculty Of Pharmacy, Department Of Basic Pharmaceutical Sciences, 2019 - Continues

Research Assistant, Bezmialem Vakıf University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2011 - 2019

Courses

Bitirme Projesi Dersi II, Undergraduate, 2018 - 2019, 2019 - 2020, 2020 - 2021
Quality Control and Analysis, Undergraduate, 2019 - 2020, 2020 - 2021
Analitik Kimya, Associate Degree, 2019 - 2020, 2020 - 2021
Eczacılık Temel Kimya ve Sayısal Bilimler I, Undergraduate, 2019 - 2020, 2020 - 2021
Genel Kimya, Associate Degree, 2019 - 2020, 2020 - 2021
Laboratuvarında Temel Hesaplamalar, Associate Degree, 2018 - 2019, 2019 - 2020, 2020 - 2021
Bitirme Projesi Dersi I, Undergraduate, 2018 - 2019, 2019 - 2020, 2020 - 2021
Analitik Kimya Laboratuvarı II, Undergraduate, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2016 - 2017, 2017 - 2018
Pharmacognosy Laboratory II, Undergraduate, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018
Pharmacognosy Laboratory III, Undergraduate, 2015 - 2016, 2017 - 2018
Pharmacognosy Laboratory I, Undergraduate, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018
Analitik Kimya Laboratuvarı I, Undergraduate, 2011 - 2012, 2012 - 2013, 2013 - 2014
Farmakognozi Laboratuvarı II, Undergraduate, 2013 - 2014

Jury Memberships

Doctoral Examination, Doctoral Examination, İstanbul Üniversitesi, July, 2021
Post Graduate, Post Graduate, İstanbul Üniversitesi, July, 2021
Post Graduate, Post Graduate, İstanbul Üniversitesi, June, 2021
Doctoral Examination, Doctoral Examination, İstanbul Üniversitesi, May, 2021
Post Graduate, Post Graduate, İstanbul Üniversitesi, August, 2020

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **ANALYTICAL METHODS FOR THE DETERMINATION OF POLYBROMINATED DIPHENYL ETHERS IN HUMAN MILK**
ASRAM SAĞIROĞLU A., TEKKEİ Ş. E. , Onal C., DİNCEL D., Onal A.
JOURNAL OF THE CHILEAN CHEMICAL SOCIETY, vol.65, no.1, pp.4726-4736, 2020 (Journal Indexed in SCI)
- II. **A High-Performance Liquid Chromatographic Method for the Determination of Meropenem in Serum**
Dincel D., Sagirli O., TOPÇU G.
JOURNAL OF CHROMATOGRAPHIC SCIENCE, vol.58, no.2, pp.144-150, 2020 (Journal Indexed in SCI)
- III. **LIQUID CHROMATOGRAPHIC ANALYSIS OF CAROTENOIDS IN FOODS**
DİNCEL D., Tekkeli Ş. E. , Onal C., Onal A., Sagirli O.
JOURNAL OF THE CHILEAN CHEMICAL SOCIETY, vol.64, no.2, pp.4492-4495, 2019 (Journal Indexed in SCI)
- IV. **Simultaneous Determination of Phenol and p-Cresol in Human Urine by an HPLC Method**
Tekkeli S. E. K. , Kiziltas M. V. , Dincel D., ERKOC R., Topcu G.
ACTA CHROMATOGRAPHICA, vol.28, no.2, pp.255-262, 2016 (Journal Indexed in SCI)
- V. **Anticholinesterase furocoumarins from Heracleum platytaenium, a species endemic species to Ida Mountains**
Dincel D., Hatipoglu S. D. , GOREN A. C. , Topcu G.
TURKISH JOURNAL OF CHEMISTRY, vol.37, no.4, pp.675-683, 2013 (Journal Indexed in SCI)
- VI. **Ent-kaurane diterpenoids isolated from Sideritis congesta**
Topcu G., Ertas A., Ozturk M., Dincel D., Kilic T., Halfon B.
PHYTOCHEMISTRY LETTERS, vol.4, no.4, pp.436-439, 2011 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Spectrophotometric Determination of Erdosteine at Capsule Dosage Forms**

Onal C., DİNCEL D.

BEZMIALEM SCIENCE, vol.9, no.1, pp.20-24, 2021 (Journal Indexed in ESCI)

- II. **Determination of dihydrocapsaicin adulteration in dietary supplements using LC-MS/MS**
DİNCEL D., Olgan H., Canbaloglu Z., Yalcin S., Erkucuk A., TIRIS G., GÖREN A. C.
JOURNAL OF CHEMICAL METROLOGY, vol.14, no.1, pp.77-82, 2020 (Journal Indexed in ESCI)
- III. **An HPLC Method for the Determination of Saxagliptin in Human Plasma with Fluorescence Detection**
Tekkeli Ş. E. , Kızıltas M. V. , Dincel D.
Journal of Advances in Chemistry, vol.5, no.3, pp.810-818, 2013 (Refereed Journals of Other Institutions)

Books & Book Chapters

I. Sindirim Sistemi Hastalıklarında Aromaterapi

Erçin E., Dincel D.

in: Aromaterapi, Prof. Dr. Ayten ALTINTAŞ, Prof. Dr. Murat KARTAL, Editor, Türkiye Klinikleri Yayınevi, İstanbul, pp.95-104, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **Biological activities of extracts from Lavandula officinalis and Valeriana officinalis: Immunoregulation and cytotoxicity evaluation**
YANIKOĞLU R. S. , ATASOY S., DİNCEL D., KAPTAN E. Z. , DAĞ A.
World Immune Regulation Meeting XIV, DAVOS, Switzerland, 4 - 07 October 2020
- II. **Tilia cordata'nın Antioksidan ve Antikolinesteraz Aktivitelerinin İncelenmesi**
İğdeli G., Dincel D., Gören A. C. , Topçu G.
31.Ulusal Kimya Kongresi, İstanbul, Turkey, 10 - 13 September 2019, pp.336
- III. **Passiflora incarnata L.'nin Bazı Biyolojik Aktivitelerinin İncelenmesi**
İğdeli G., Dincel D., Kartal M., Topçu G.
31. Ulusal Kimya Kongresi, İstanbul, Turkey, 10 - 13 September 2019, pp.337
- IV. **A High Performance Liquid Chromatography Method for the Determination of Meropenem in Serum**
Dincel D., Sağırılı A. O. , Topçu G.
XX.EURO ANALYSIS CONGRESS, İstanbul, Turkey, 1 - 05 September 2019, pp.300
- V. **Prangos ilanae Bitkisinden Elde Edilen Kumarinlerin Antikoagulan Etkisinin İncelenmesi**
DİNCEL D., UÇKAYA F., Özer Ö., TOPÇU G.
Uluslararası 7. İlaç Kimyası Kongresi, Antalya, Turkey, 14 March 2019, pp.118
- VI. **Capsella bursa-pastoris Bitkisinin Antikolinesteraz Potansiyelinin Araştırılması**
Seker Z., İğdeli G., DİNCEL D.
2.Ulusal Marmara Eczacılık Kongresi, İstanbul, Turkey, 14 November 2018, pp.135
- VII. **Biyolojik Sıvılardan Meropenem'in Yüksek Performanslı Sıvı Kromatografisi İle Miktar Tayini**
Dincel D., Sağırılı A. O. , Topçu G.
30. Ulusal Kimya Kongresi, Gazimagusa, Cyprus (Kktc), 5 - 08 November 2018, pp.103
- VIII. **Stachys thirkei C. Koch Bitkisinin Antikolinesteraz Potansiyelinin Araştırılması**
Babalı F., DİNCEL D., TOPÇU G.
International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 April 2017, pp.98
- IX. **Bioactive Furocoumarins from Prangos ilanae, an Endemic Species to the Mountain Ida**
DİNCEL D., DIRMENCI T., TOPÇU G.
XIXth International Congress Phytopharm 2015 New Phytotherapeutics – Developments, Requirements and Success for Patients with Rational Phytotherapy and courses GxP in biomedical research, Bonn, Germany, 21 July 2015, pp.68
- X. **Isolation of Furocoumarins From Ferulago blancheana Post and Investigation of Their**

Anticholinesterase Activity

Aslan E., DİNCEL D., TOPÇU G.

19th International Congress Phytopharm 2015 New Phytotherapeutics– Developments, Requirements and Success for Patients with Rational Phytotherapy and courses GxP in biomedical research, Bonn, Germany, 22 July 2015, pp.6

- XI. **Fatty acid content of Reseda lutea var. lutea with antioxidant potential.**
Ertaş A., KUŞMAN T., DİNCEL D., BÜTÜN B., Yeşil Y., Soruhan H., Boğa M., TOPÇU G.
11th International Symposium on Pharmaceutical Sciences (ISOPS-11), Ankara, Turkey, 09 June 2015, pp.156
- XII. **Biological Activities and Chemical Composition of Ferulago idaea**
Aslan E., DİNCEL D., Çakar B., TOPÇU G.
11th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 09 June 2015, pp.348
- XIII. **Antioxidant Potential and Fatty Acid Content of Echinops viscosus DC. subsp. bithynicus,**
Ertaş A., DİNCEL D., KUŞMAN T., BÜTÜN B., Yeşil Y., Kolak u., TOPÇU G.
11th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 09 June 2015, pp.258
- XIV. **Phytochemical Investigation of Sideritis albiflora with Antioxidant Activity**
Topçu G., Ertaş A., Boga M., Dincel D., Kolak U.
44th World Chemistry Congress, İstanbul, Turkey, 11 - 16 August 2013, pp.1059
- XV. **A New Validated HPLC/UV Method for the Simultaneous Determination of Vildagliptin and Metformin in Pharmaceutical Preparations**
Tekkeli Ş. E. , Dincel D., Kızıltas M. V.
44th World Chemistry Congress, Istanbul/Turkey 2013, İstanbul, Turkey, 11 - 16 August 2013, pp.1048
- XVI. **A HPLC Method for Simultaneous Determination of Phenol and p-Cresol in Human Urine**
Tekkeli Ş. E. , Dincel D., Önal A., Erkoç R., Topçu G.
44th World Chemistry Congress, İstanbul, Turkey, 11 - 16 August 2013, pp.1050
- XVII. **“Kaz Dağı Bölgesine Endemik Ferulago trojana Bitkisinin Biyoaktif Kumarinleri**
Çakar B., DİNCEL D., BOGA M., TOPÇU G.
Uluslararası Katılımlı 26. Ulusal Kimya Kongresi, Muğla, Turkey, 01 October 2012, pp.1
- XVIII. **Furanokumarinlerin Heracleum platytaenium Bitkisinden İzolasyonu, Antioksidan ve Antikolinesteraz Potansiyelinin Araştırılması**
DİNCEL D., BAHADORİ F., BOGA M., DIRMENCI T., TOPÇU G.
Uluslararası Katılımlı 25. Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June 2011, pp.1
- XIX. **Cholinesterase Inhibitory Activity of a Series Salvia Species**
Öztürk M., Boğa M., DİNCEL D., Hatipoğlu S. D. , BAHADORİ F., Kolak U., Topçu G.
3th International Meeting on Pharmacy and Pharmaceutical Sciences Congress, İstanbul, Turkey, 09 June 2010, pp.56

Supported Projects

DİNCEL D., KUŞMAN T., Project Supported by Higher Education Institutions, Parsiyel Nefrektomi ve Flexible URS Hastalarında Oksidatif Stres Parametrelerinin İncelenmesi, 2016 - Continues

Dincel D., Bütün B., Akdemir A., Topçu G., Project Supported by Higher Education Institutions, Yeni hıKK2 inhibitörlerinin tasarımı, sentezi ve enzim inhibisyon deneyleri, 2018 - 2020

Topçu G., Dincel D., Yücer R., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, Ekonomik Öneme Sahip Sideritis Türlerinden (S. condensata, S. congesta, S. stricta) Katma Değeri Yüksek Gıda Takviyelerinin Üretimi, 2015 - 2020

Topçu G., Dincel D., Uçkaya F., Project Supported by Higher Education Institutions, Prangos ilanae bitkisinden biyoaktif furokumarinlerin izolasyonu ve antikoagülan etkilerinin incelenmesi, 2017 - 2019

DİNCEL D., Project Supported by Higher Education Institutions, Biyolojik Sıvılardan Meropenem'in Yüksek Performanslı Sıvı Kromatografisi İle Miktar Tayini, 2015 - 2018

DİNCEL D., Project Supported by Higher Education Institutions, Ferulago blancheana Bitkisindeki Sekonder Metabolitlerin İzolasyonu, Antioksidan ve Antikolinesteraz Aktivitelerinin İncelenmesi, 2014 - 2015

DİNCEL D., SEVGİ E., ERGİN KIZILÇAY G., KUŞMAN T., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, İstanbul Fitoterapi Eğitim, Araştırma ve Uygulama Merkezi Kurulması, 2014 - 2015

DİNCEL D., Project Supported by Higher Education Institutions, Sideritis albiflora bitkisinin sekonder metabolitlerinin saflaştırılması, fenolik içeriğinin belirlenmesi ve yağ asidi analizi, antioksidan, antimikrobiyal, antikolinesteraz ve DNA hasarı önleyici etkisinin araştırılması, 2012 - 2015

DİNCEL D., Project Supported by Higher Education Institutions, İdrarda ve plazmada üremik toksinlerin analizi, 2012 - 2013

DİNCEL D., Project Supported by Higher Education Institutions, Prangos ilanae ve Heracleum platytaenium Bitkilerindeki Sekonder Metabolitlerin İzolasyonu, Antioksidan ve Antikolinesteraz Aktivitelerinin İncelenmesi,, 2010 - 2011

TOPÇU G., TUBITAK Project, Bazı Salvia Türlerinin Antioksidan ve Anti-Alzheimer Aktivite Potansiyeline Sahip Bileşiklerinin İzolasyonu ve Yapı Tayinleri, 2007 - 2010

Activities in Scientific Journals

Madridge Journal of Analytical Sciences and Instrumentation, Editor, 2018 - Continues

Memberships / Tasks in Scientific Organizations

Türkiye Kimya Derneği, Member, 2018 - Continues

Scientific Refereeing

Sarhad Journal of Agriculture, Other Indexed Journal, December 2020

Bezmialem Science, Journal Indexed in ESCI, April 2020

Project Supported by Higher Education Institutions, BAP Research Project, Erciyes University, Turkey, September 2019

Acta Pharmaceutica Scientia, Other Journals, October 2018

Tasks In Event Organizations

Dincel D., 7. Uluslararası İlaç Kimyası Kongresi, Organizasyon Komitesi, Scientific Congress, Antalya, Turkey, Mart 2019

Edit Congress and Symposium Activities

VI. Tıp Kurultayı, Working Group, İstanbul, Turkey, 2019

2. Ulusal Marmara Eczacılık Kongresi, Attendee, İstanbul, Turkey, 2018

30. Ulusal Kimya Kongresi, Attendee, Gazimagusa, Cyprus (Kkct), 2018

3rd International Convention of Pharmaceuticals and Pharmacies, Attendee, İstanbul, Turkey, 2017

II. Tıp Kurultayı, Working Group, İstanbul, Turkey, 2015

19 th International Congress Phytopharm 2015 New Phytotherapeutics– Developments, Requirements and Success for Patients with Rational Phytotherapy and courses GxP in biomedical research, Attendee, Bonn, Germany, 2015

11th International Symposium on Pharmaceutical Sciences, Attendee, Ankara, Turkey, 2015

44th World Chemistry Congress, Attendee, İstanbul, Turkey, 2013

26. Ulusal Kimya Kongresi, Attendee, Muğla, Turkey, 2012

25. Ulusal Kimya Kongresi, Attendee, Erzurum, Turkey, 2011

Cholinesterase Inhibitory Activity of a Series Salvia Species, Attendee, İstanbul, Turkey, 2010

Citations

Total Citations (WOS):55

h-index (WOS):3

Scholarships

2219 BİDEB DOKTORA SONRASI ARAŞTIRMA BURSUN, TUBİTAK, 2021 - Continues