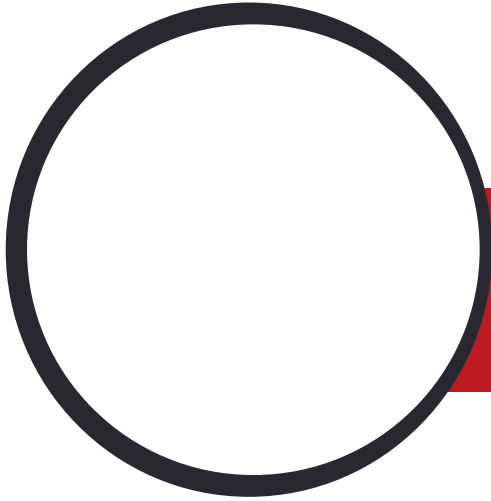




TAGEM
R&D AND INNOVATION

WESTERN MEDITERRANEAN AGRICULTURAL
RESEARCH INSTITUTE/ ANTALYA



FATİH ALPAY VURAN, PhD

Chemical Engineer

EDUCATION

- PhD** Adnan Menderes University,
Graduate School Of Natural And Applied Sciences, Chemistry,
2006-2013
- MSc** Adnan Menderes University,
Graduate School Of Natural And Applied Sciences, Chemistry,
2003-2006
- Bachelor's Degree** Ege University,
Faculty of Engineering, Chemical Engineering,
1998-2002

LANGUAGE English YÖKDİL 80 / YDS 70

CAREER


- 2013-** : Researcher, Batı Akdeniz Agricultural Research
Institute, ANTALYA
- 2004-2013:** Research Assistant, Adnan Menderes University,
Department of Chemistry, AYDIN

ABOUT ME


He was born in 1978 in Aydın. He graduated from Ege University Faculty of Engineering as a chemical engineer in 2002.

He specialized in extraction and chromatography in the Department of Analytical Chemistry at ADÜ Chemistry Department as a research assistant between 2004-2013.

CONTACT

 BATEM, Çalkaya Mah., Antalya-Serik Yolu
20.km Aksu / Antalya
TÜRKİYE

 fatihalpay.vuran@tarimorman.gov.tr

 0242 325 53 25



FATİH ALPAY VURAN, PhD

Chemical Engineer



▪ **PROJECTS**

▪ **Ongoing Projects**

1. The Isolation and Purification of Lutein Pigment from Marigold (*Tagetes erecta* L.) (TAGEM, 2019-2021, Project leader)
2. Development of Avocado Cultivation. Obtaining of New Genotypes from Avocado Hass Variety by mutation Breeding (TAGEM, 2015-2021, Researcher).
3. Variety Breeding Studies in Some Advanced Basil (*Ocimum basilicum* L.) Lines (TAGEM, 2021-2025, Researcher)
4. The Effects of Organic Material Applications of Plant Nutrition Status, Yield and Quality on Anatolia Salvia (*Salvia fruticosa* Mill.) and İzmir Thymus (*Origanum onites* L.) (TAGEM, 2019-2022, Researcher)
5. Clonal Selection of “Tavşan Yüreği” Olive Variety (II. Stage) (TAGEM, 2020-2023, Researcher)
6. Breeding Studies of Black Cumin (TAGEM, 2020-2022, Researcher)
7. Batı Akdeniz Region Sesame Research (TAGEM, 2019-2023, Researcher)

▪ **Projects Conducted**

1. Determination of Useful Pistacia Rootsock for Mastic Tree (*Pistacia lentiscus* var. *Chia Duham.*) (TAGEM, 2016-2020, Researcher)
2. Mediterranean Region Quinoa (*Chenopodium quinoa* willd) Research (TAGEM, 2018-2020, Researcher)
3. The Effect of Tomato Maturity and Storage Periods on Mechanical Damages and Quality Parameters (TAGEM, 2015-2018, Researcher)
4. The Effects of Different Storage Conditions and Storage Period on the Quality Parameters of Some Medicinal and Aromatic Plants Oils. (TAGEM, 2015-2018, Researcher)
5. Collection, Characterization of Local Oat Populations and Determination Some Quality Traits In The Western Mediterranean Region (TÜBİTAK, 2015-2017, Researcher)
6. Biodiversity for Food and Nutrition (BFN) (United Nations Global Environmental Fund (GEF), 2012-2017, Researcher)
7. The Effects of Different Growing Media and Irrigation Water Salinity Levels on Yield and Quality Characteristics of Cut Flower Rose Production (TAGEM, 2012-2016, Researcher)
8. Determination Of Some Organic and Inorganic Species In Aqueous Medium With Liquid Chromatography By Enrichment with Dispersive Liquid-Liquid Microextraction (DLLME) (ADÜ Scientific Research Project, 2011-2013, Project employee).
9. Investigation of Some Boron Species in Soil and Water Samples (ADÜ Scientific Research Project, 2004-2006, Project employee).



FATİH ALPAY VURAN, PhD

Chemical Engineer



■ PUBLICATIONS

■ INTERNATIONAL ARTICLES AND PAPERS

■ Articles Published in International Journals

1. Kabaş Ö., Kabaş A., Zengin S., Aydın S., **Vuran F. A.**, Ertekin C. 2020. Effects of ripening stages and storage durations on resistance parameters of beef type tomatoes: Part 1: spring period. *Bioscience Journal*, BJ-v36n6a2020-49951, 2108-2119.
2. Aydinsakir K., Dinc N., Buyuktas D., Karaguzel U. G., Ozkan C. F., **Vuran F. A.** 2018. Effects of salinity levels and substrates on yield and flower quality of soilless cultivated rose grown in an unheated greenhouse. *Fresenius Environmental Bulletin*, ISSN 1018-4619, 27(3), 1424-1436.

■ International Papers, Seminars, etc.

1. Akın F., Aydinsakir K., Cemek B., **Vuran F.A.**, Sayılğan Ç., Kocatürk M., Çınar O. 2021. Determination of the Effect of Different Irrigation Applications on Sesame Seed Color in Subsurface Drip Irrigation method. *International Congress on Agriculture in Alanya, Agriculture in the World (ICAAW2021)*. 29-31 Ekim, Alaaddin Keykubat Üniversitesi, Alanya-Türkiye (Sözlü).
2. Aksoy D., Tutar M., Şafak C., Çağır F., **Vuran F.A.**, Çavdar A., Küçük E., Gökür S., Şahin M., Kartal M. 2018. Mastic Tree (*Pistacia lentiscus* L.var. *Chia* Duham.) Grafting Studies. 4th International Non-Wood Forest Products Symposium. 4-6 Ekim, Bursa Teknik Üniversitesi, Bursa-Türkiye (Sözlü).
3. **Vuran F.A.**, Demir M. 2018. Application of Reversed-Phase Dispersive Liquid-Liquid Microextraction and RP-HPLC for the Determination of Phenolic Acids in Olive Oil. *ITAC 2018 International Trace Analysis Congress*. 20-23 Haziran, Cumhuriyet Üniversitesi, Sivas-Türkiye (Sözlü).
4. **Vuran F.A.**, Demir M. 2018. Application of Reversed-Phase Dispersive Liquid-Liquid Microextraction and RP-HPLC for the Determination of Tyrosols in Olive Oil. *ITAC 2018 International Trace Analysis Congress*. 20-23 Haziran, Cumhuriyet Üniversitesi, Sivas-Türkiye (Poster).
5. Ayas F., Yüksel K., Çınar O., **Vuran F.A.**, Tuğrul Ay S. 2017. The Antioxidant Capacities of Wild Species Collected from Turkey within the GEF-funded Biodiversity for Food and Nutrition (BFN) Project. *International Symposium on Biodiversity and Edible Wild Species*. 3-5 Nisan, Antalya-Türkiye (Sözlü).
6. Ayas, F., Tanriseven M., **Vuran F.A.** 2015. Antibacterial Activity and Essential Oil Composition of the *Achillea wilhelmsii* C. Koch, from Turkey. *11th International Symposium on the Natural Compounds*. 1-4 Ekim, Antalya-Türkiye (Poster)
7. **Vuran F.A.**, Tanriseven M., Yavaşer R. 2015. Composition and Antibacterial Activity of Essential Oil From *Echinophora tenuifolia* L. Grown in Turkey. *The Second Mediterranean Symposium on Medicinal and Aromatic Plants*, 22-25 Nisan, Antalya-Türkiye (Poster).

8. Kıvrak M., Tatlı A., **Vuran F.A.** 2012. Effect of Kaz Mountains (Mount Ida) on Olive Orchards. 10th Euro Fed Lipid Congress, 23-26 Eylül, Krakov-Polonya (Poster).
9. **Vuran F.A.**, Demir M. 2010. Environmental Impact of Olive Mill Wastewater and Its Evaluation in Agriculture. 8th Euro Fed Lipid Congress, 21-24 Kasım, Münih-Almanya (Poster).
10. **Vuran F.A.**, Demir M. 2010. Environmental Impact of Olive Mill Wastewater and Its Evaluation in Agriculture. 8th Euro Fed Lipid Congress, 21-24 Kasım, Münih-Almanya (Poster).
11. Kıvrak M., **Vuran F.A.**, Kopar A.O. 2010. Two or Three Phase for Centrifugation. 8th Euro Fed Lipid Congress, 21-24 Kasım, Münih-Almanya (Poster).

Presentations within the Scope of Erasmus Teaching Mobility:

1. **Vuran F.A.** 2012. Environmental Impact of Olive Mill Wastewater and its Evaluation In Agriculture. Pavol Jozef Šafárik University, 17-19 Eylül, Kosice-Slovakya (Oral).
2. **Vuran F.A.** 2012. Dispersive Liquid-Liquid Microextraction Method (DLLME) in Aquatic Samples. Pavol Jozef Šafárik University, 17-19 Eylül, Kosice-Slovakya (Oral).
3. **Vuran F.A.** 2012. Determination of Phenolic Compounds in Olive Mill Wastewater by Using DLLME Method. Pavol Jozef Šafárik University, 17-19 Eylül, Kosice-Slovakya (Oral).

NATIONAL ARTICLES AND PAPERS

Articles Published in National Journals

1. Çalışkan M., Koç A., **Vuran F. A.**, Yüceol F., Sayılığın Ç. 2020. Batı Akdeniz Bölgesi Yerel Yulaflarının bazı Tarımsal ve Kalite Özellikleri Yönünden Değerlendirilmesi. ANADOLU Ege Tarımsal Araştırma Enstitüsü Dergisi, ISSN 1300-0225, 30(2), 179-196.
2. Ayas, F., **Vuran F. A.**, Yüksel K., Çınar O., Tugrul Ay S., Karabak S. 2017. The Antioxidant Capacities and Consumption Per Capita of Edible Wild Species and Local Varieties Collected from Turkey within the GEF-Funded Biodiversity for Food and Nutrition (BFN) Project. ANADOLU, J. of AARI, ISSN: 1300 – 0225, 27 (2), 46 – 53.
3. Golukcu M., Kabas A., Yegin B. A., **Vuran F. A.**, Yüksel K., Tanir A. 2018. Domatesin bazı fiziksel ve kimyasal kalite özelliklerinin melezleme ile değişimi. DERİM, doi: 10.16882/derim.2018.427755, 35(2): 152-160.

International Papers, Seminars, etc.

1. **Vuran F.A.**, Ayas F., Yüceol F. 2016. Anadolu'da Doğal Olarak Yetişen *Ricinus communis* L. (Hintyağı) Bitkisine Ait Meyve ve Tohumların Yağ İçerikleri Yönünden İncelenmesi. III. Tıbbi ve Aromatik Bitkiler Sempozyumu, 4-6 Ekim, Antalya (Poster).
2. Ayas F., **Vuran F.A.**, Yüceol F. 2016. *Amorpha fruticosa* L. (Yalancı Çivit) Bitkisi Meyvesinde Yağ Asitleri Bileşimi ve Uçucu Yağ Bileşenleri. III. Tıbbi ve Aromatik Bitkiler Sempozyumu, 4-6 Ekim, Antalya (Poster).
3. Aydınşakir K., Dinç N., Büyüktaş D., Özkan C.F., Böcek D., Karagüzel Ö., **Vuran F.A.** 2016. Topraksız kültür gül yetiştiriciliğinde farklı sulama suyu tuzluluk seviyelerinin verim ve kalite üzerine etkisi. 13. Ulusal Kültürteknik Kongresi, WOW Topkapı Palace, 12-15 Nisan, Antalya (Sözlü).
4. **Vuran F.A.**, Ayas F. 2014. Bazı Turunçgil Çeşitlerine Ait Çiçeklerin Uçucu Yağ Bileşenlerinin Belirlenmesi. II. Tıbbi ve Aromatik Bitkiler Sempozyumu, 23-25 Eylül, Yalova (Poster).

5. Kıvrak M., **Vuran F.A.**, Tatlı A. 2012. Kazdağlarının Zeytin Bahçelerine Etkisi. Kazdağları III. Ulusal Sempozyumu, Balıkesir Üniversitesi, 24-26 Mayıs, Balıkesir (Sözlü).
6. Kıvrak M., **Vuran F.A.**, Tatlı A. 2012. Zeytinyağında Pestisit Kalıntıları. Yabited I. Bitkisel Yağ Kongresi, 12-14 Nisan, Adana (Poster).
7. Kıvrak M., **Vuran F.A.**, Çelik S., Öztürk S. 2012. Zeytinyağlı Sabun ve Zeytinyağı Sabununun Karşılaştırılması. III. Ulusal Zeytin Öğrenci Kongresi, Adnan Menderes Üniversitesi, 16-18 Mayıs, Aydın (Poster).
8. **Vuran F.A.**, Urlu D., Demir M. 2012. Zeytinyağındaki Fenolik Bileşiklerin Antioksidan Etkileri. III. Ulusal Zeytin Öğrenci Kongresi, Adnan Menderes Üniversitesi, 16-18 Mayıs, Aydın (Poster).
9. **Vuran F.A.**, Demir M. 2008. Aydın yöresi termal su örneklerinde bor düzeylerinin tayini. XXII. Ulusal Kimya Kongresi, Doğu Akdeniz Üniversitesi, 6-10 Ekim, Gazi Magosa-KKTC (Poster)
10. **Vuran F.A.**, Demir M. 2007. Aydın yöresi toprak örneklerinde bazı bor türlerinin (spesiasyonun) araştırılması. XXI. Ulusal Kimya Kongresi, İnönü Üniversitesi, 23-27 Ağustos, Malatya (Poster).



FATİH ALPAY VURAN, PhD
Chemical Engineer



▪ **OTHER PUBLICATIONS**

▪ **Ph.D. Thesis, Master Thesis, Reports, Books etc.**

1. Determination Of Some Phenolic Compounds In Olive Oil With Liquid Chromatography By Enrichment With Reversed Phase Liquid-Liquid Microextraction (Ph.D. Thesis)
2. Boron Determination and Speciation On Soil and Water Samples (Master Thesis)



FATİH ALPAY VURAN, PhD

Chemical Engineer



▪ Membership, Training, Course, Meeting, Congress, Symposium and Other Activities

1. ITAC 2018 International Trace Analysis Congress, 20-23 Haziran 2018, Sivas.
2. III. Tıbbi ve Aromatik Bitkiler Sempozyumu, 4-6 Ekim 2016, Antalya.
3. GC (Gaz Kromatografi) ve HPLC (Sıvı Kromatografi) Eğitimi 1-2 Ekim 2016, İzmir.
4. The Second Mediterranean Symposium on Medicinal and Aromatic Plants-Antalya, Turkey. 22-25 Nisan 2015, Antalya.
5. "Türkiye'nin Batı Akdeniz Bölgesi'nde Tıbbi ve Aromatik Bitkilerin Korunması ve Kültürü " FAO Projesi Kapanış Çalıştayı, 24 Ekim 2014, Antalya.
6. II. Tıbbi Ve Aromatik Bitkiler Sempozyumu, 23-25 Eylül 2014, Yalova.
7. 10th Euro Fed Lipid Congress, 23-26 Eylül 2012, Cracow-Polonya
8. Erasmus-Öğretim Görevlisi Ders Verme Faaliyeti, Pavol Jozef Šafárik University, 17-19 Eylül 2012, Kosice-Slovakya.
9. III. Ulusal Zeytin Öğrenci Kongresi, Adnan Menderes Üniversitesi, 16-18 Mayıs 2012, Aydın.
10. 9th Euro Fed Lipid Congress, 18-21 Eylül 2011, Rotterdam-Hollanda.
11. 8th Euro Fed Lipid Congress, 21-24 Kasım 2010, Munich-Almanya.
12. I. Eser Analiz Çalıştay Kursu, Pamukkale Üniversitesi, 24 Nisan 2010, Denizli
13. I. Eser Analiz Çalıştayı, Pamukkale Üniversitesi, 22-25 Nisan 2010, Denizli.
14. XXII. Ulusal Kimya Kongresi, Doğu Akdeniz Üniversitesi, 06-10 Ekim 2008, Mağusa-KKTC.
15. I. Zeytin Öğrenci Kongresi, Balıkesir Üniversitesi, 17-18 Mayıs 2008, Edremit.
16. LPG İkmal İstasyonlarında Sorumlu Müdürlük Eğitimi, TMMOB Kimya Mühendisleri Odası Ege Bölge Şubesi, 24-26 Ekim 2007, İzmir.
17. XXI. Ulusal Kimya Kongresi, İnönü Üniversitesi, 23-27 Ağustos 2007, Malatya.
18. VI. Ulusal Kromatografi Kongresi, Dokuz Eylül Üniversitesi, 28-30 Haziran 2006, İzmir.
19. 4th Aegean Analytical Chemistry Days, 29 Eylül-3 Ekim 2004, Kuşadası.