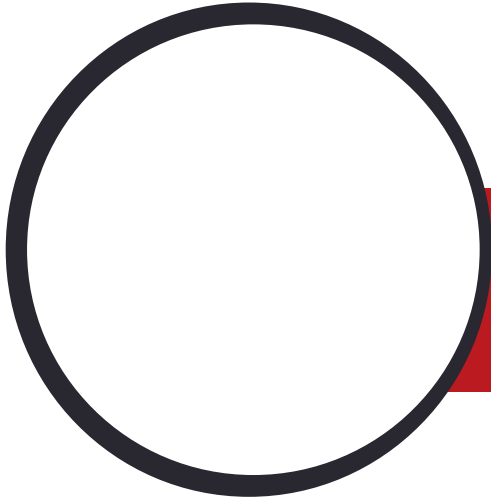




TAGEM
R&D AND INNOVATION

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

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FATİH ALPAY VURAN, PhD

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▪ **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).



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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., Gökkür 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.**, Yuksel 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., Büyüктаş 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.**, Uurlu 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.