



TAGEM
R&D AND INNOVATION

WESTERN MEDITERRANEAN AGRICULTURAL
RESEARCH INSTITUTE/ ANTALYA



Melek BERKER, MSc Chemical Engineer

EDUCATION

- Assoc. prof
- PhD
- MSc 2000-2003 Uludag University, Chemistry
- Bachelor's Degree 1995-1999 Gazi University, Chemical engineering

LANGUAGE

CAREER


- 2006-.... Engineer, Central Research Institute of Food and Feed Control- Bursa
- 2006-2006 Engineer, Food control Laboratory-Diyarbakır
- 2000-2005 Research Asisstant, Uludag University- Bursa


ABOUT ME

I was born in 1977 in Ankara. In 1999, graduated from Gazi University, Faculty of Engineering and Architecture, chemical engineering department . I continued professional education in 2000 Uludağ University faculty of science and literature chemistry department as research assistant . I am still working Bursa Central Resarch Institute of Food and Feed Control, Water and Wastewater department as an engineer.

CONTACT

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Melek BERKER, MSc Chemical Engineer



▪ **PROJECTS**

▪ **Projects Conducted**

Characteristics of Traditionally Fermented Gedelek Gherkin Pickle, 2016-2017, TAGEM, Assistant researcher

▪ **Ongoing Projects**

Determination of Useability of New Physico chemical Distinctive Parameters for Distinguishing Flower and Dew

Honeys, 2020-2022, TAGEM, Assistant researcher



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▪ **PUBLICATIONS**

▪ **INTERNATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in International Journals**

Türkel, N., M. Berker ve U.Özer, "Potentiometric and spectroscopic studies on aluminium(III) complexes of some catechol derivatives," Chem.Pharm.Bull, 52, 8, 929-934, 2004.

▪ **International Papers, Seminars, etc.**

Altun N. Ç., M. Berker, B. Osman, E. T. Özer, "Preparation and application of new solid phase extraction material for determination of organophosphorus pesticides in drinking water"(poster), 5 th European Chemistry Congress, , 2014

Özer E.T., B. Osman, M.Berker, Altun N.Ç, "Preparation of poly(egdma- Matrp) microspheres and their application for solid phase extraction of organophosphorus pesticides in water"(poster), 9 th Aegean Analytical Chemistry Days, 2014

▪ **NATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in National Journals**

Kılınç A., Uçurum H.Ö., Biricik G.F., Berker M., Tokat İ.E "Characteristics of Traditionally Fermented Gedelek Gherkin Pickle" Gıda ve Yem Bilimi- Teknolojisi Dergisi 25,2021/1, 57-68

▪ **International Papers, Seminars, etc.**

Berker, M., N. Türkel, R. Aydın, ve U.Özer, "Alüminyum(III) iyonunun bazı oksijen verici ligandlar ile oluşturduğu koordinasyon bileşiklerinin kararlılıkları," (Poster). XVI. Ulusal Kimya Kongresi, 10-13 Eylül, Konya, Özet kitabı, 364, 2002.

Berker, M., G. Yurter, N. Türkel ve U.Özer, "Saf Alüminyum oksit ve Seydişehir Alüminyum tesislerinden alınan Alüminyum oksitçe zengin atıkların çimentolarda dayanım gelişimi üzerine etkisi," (Tebliğ), XVI. Ulusal Kimya Kongresi, 10-13 Eylül, Konya, Özet kitabı, 241, 2002.



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▪ **OTHER PUBLICATIONS**

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

Berker, M. (2003). Alüminyum (III) iyonunun bazı oksijen verici ligandlar ile oluşturduğu komplekslerin ve alüminyum oksidin çimento özelliklerine etkilerinin incelenmesi. Master Thesis. Uludağ University



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

<u>Eğitimin Adı</u>	<u>Tarihi</u>	<u>Eğitim Alınan Birim</u>
TS EN ISO/IEC -17025	19.11.2007	TSE
Water and wastewater sampling	17-25.03.2008	Çevre ve Orman Bakanlığı
Method validation and measurement uncertainty	26-28.11.2008	Uzman Akreditasyon Danışmanlık
Calibration and measurement uncertainty	20-22.06.2011	KAL-MET