

## Asst. Prof. MEHMET KEMAL

### Personal Information

**Email:** mehmetkemal@ktu.edu.tr

**Other Email:** mhkemal@yahoo.com

**Web:** <https://avesis.ktu.edu.tr/mehmetkemal>

**Address:** KTÜ Sağlık Bilimleri Fakültesi Üniversite Mahallesi Farabi Caddesi No:88 61080 TRABZON

### International Researcher IDs

ScholarID: RngS\_j0AAAAJ

ORCID: 0000-0003-2561-807X

Publons / Web Of Science ResearcherID: ADG-0292-2022

ScopusID: 58098597300

Yoksis Researcher ID: 236318

### Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, -, Turkey 2017 - 2024

Postgraduate, North Carolina State University, College of Agriculture and Life Sciences, Food, Bioprocessing and Nutrition Sciences, United States Of America 2012 - 2015

Undergraduate, Ataturk University, Ziraat Fakültesi, Gıda Mühendisliği, Turkey 2005 - 2009

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

Science and Technology Policy, Uluslararası Fon Kaynaklarına Başvuru Kapasitesinin Artırılması, Karadeniz Technical University Technology Transfer Application Research Center, 2023

Vocational Course, Deney Hayvanları Kullanım Sertifikası, Karadeniz Technical University, 2022

Industrial Rights, Intellectual Property Rights, Patent, Licensing, Kimya Alanında Uygulamalı Patent Yazma Eğitimi, KTU-Technology Transfer Application Research Center, 2020

Vocational Course, FDA/USDA Process Control School, North Carolina State University, 2012

Foreign Language, Program in American Language Studies, Rutgers, The State University of New Jersey, 2011

Foreign Language, School of Foreign Languages, YILDIZ TECHNICAL UNIVERSITY, 2011

### Dissertations

Doctorate, Investigation of the anti-obesity effects of water-based anatolian propolis extracts in obese mice, Karadeniz Technical University, Fen Bilimleri Enstitüsü, -, 2024

### Research Areas

## Academic Titles / Tasks

Assistant Professor, Karadeniz Technical University, Sağlık Bilimleri Fakültesi, Beslenme Ve Diyetetik, 2025 - Continues  
Research Assistant, Artvin Coruh University, Faculty of Health Sciences, Nutrition and Dietetic, 2015 - 2025  
Research Assistant, North Carolina State University, College of Agriculture and Life Sciences, Food, Bioprocessing and Nutrition Sciences, 2012 - 2015

## Courses

### Undergraduate

Fitokimyasallar ve Sağlık, Undergraduate, 2024 - 2025

Gıda İşleme Yöntemleri, Undergraduate, 2024 - 2025

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Physicochemical Characteristics, Phenolic Components, and Antioxidant Capacities of Lavender Honey (*Lavandula Spp.*) from Isparta Region of Turkiye**  
KOLAYLI S., Can Z., KARA Y., ÖZKÖK A., Ozmert Ergin S., Kemal M., DEMİR KANBUR E.  
CHEMISTRY & BIODIVERSITY, no.9, 2024 (SCI-Expanded)
- II. **The Phenolic Composition and Antioxidant Properties of Figs (*Ficus carica* L.) Grown in the Black Sea Region**  
Bayrak Ç., Birinci C., Kemal M., Kolaylı S.  
PLANT FOODS FOR HUMAN NUTRITION, no.3, pp.539-545, 2023 (SCI-Expanded)
- III. **The botanical, physicochemical, and biochemical characteristics of Northern Cyprus honeys**  
Uçar M., Kemal M., Kanbur E. D., Kara Y., Özçelik A. E., Kolaylı S.  
EUROPEAN FOOD RESEARCH AND TECHNOLOGY, no.6, pp.1531-1541, 2023 (SCI-Expanded)
- IV. **Characterization of the black cumin (*Nigella sativa* L.) honey from Turkiye**  
Kemal M., Esertaş Ü. Z. Ü., Kanbur E. D., KARA Y., ÖZÇELİK A. E., Can Z., KOLAYLI S.  
FOOD BIOSCIENCE, 2023 (SCI-Expanded)
- V. **Six Algerian plants: Phenolic profile, antioxidant, antimicrobial activities associated with different simulated gastrointestinal digestion phases and antiproliferative properties**  
Er Kemal M., Bakchiche B., Kemal M., Cheraif K., Kara Y., Bardaweel S. K., Miguel M. G., Yıldız O., Ghareeb M. A.  
JOURNAL OF HERBAL MEDICINE, 2023 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Antioxidant Capacity of a Bee Pollen Sample Obtained from Giresun, Turkey**  
ŞAHİN H., KEMAL M.  
Journal of Apitherapy and Nature, vol.2, no.2, pp.46-51, 2020 (Peer-Reviewed Journal)
- II. **Dielectric properties of selected pork organ meats and experimental pate product formulations for continuous flow microwave processing**  
Hanson D., KEMAL M., Tennant T., Simunovic J.  
ARCHIVOS LATINOAMERICANOS DE PRODUCCIÓN ANIMAL, vol.22, no.5, pp.303-307, 2014 (Peer-Reviewed Journal)

## Books

I. **Antioksidan Peptitler: Oluşum Mekanizmaları, İzolasyon Teknikleri, Kaynakları**

Er Kemal M., Boyracı G. M., Kemal M., Okumuş Yükcüncü G.

in: Antioksidanlar ve Tayin Yöntemleri, Prof. Dr. Sevgi Kolaylı, Doç. Dr. Hüseyin Şahin, Editor, Ankara Nobel Tıp Kitabevleri, Ankara, pp.1-192, 2018

## Papers Published in Refereed Scientific Meetings

I. **Thermal Processing Of Food Products Using A Modular 2450 MHz Continuous Microwave System**

KEMAL M., YAVUZ N., PALAZOĞLU T. K., SIMUNOVIC J.

3. International Conference on Agriculture, Food, Veterinary and Pharmacy Sciences, Trabzon, Turkey, 16 - 18 April 2019

II. **Antioxidant Properties of Eastern Anatolian Flower Honey**

ERKAN C., KEMAL M., ŞİRİN Y., KOLAYLI S.

45th Apimondia International Apicultural Congress, İstanbul, Turkey, 29 September - 04 October 2017

III. **The Role of Spices in The Treatment Of Helicobacter Pylori**

KEMAL M., ALPAY KARAOĞLU Ş., KOLAYLI S., BALTAŞ N.

I. International Congress on Medicinal and Aromatic Plants, Konya, Turkey, 10 - 12 May 2017, pp.1276

IV. **DIELECTRIC PROPERTIES OF SELECTED PORK ORGAN MEATS AND EXPERIMENTAL PATE PRODUCT FORMULATIONS FOR CONTINUOUS FLOW MICROWAVE PROCESSING**

HANSON D., KEMAL M., TENNANT T., SIMUNOVIC J.

60th International Congress of Meat Science and Technology, 17-22rd August 2014, Punta del Este, Uruguay, 17 - 22 August 2014

## Supported Projects

Er Kemal M., Beşir Özgeçen A., Kemal M., Yavuz N., TÜBİTAK Project, Production of Rice Protein Microgel by High Pressure Homogenization Process and Use in Infant Formula Production, 2024 - 2026

## Activities in Scientific Journals

Journal of Apitherapy and Nature, Article Editor, 2025 - Continues

## Memberships / Tasks in Scientific Organizations

Cost Action 23110 - International networking on in vitro colon models simulating gut microbiota mediated interactions, Member, 2025 - Continues, Italy

Cost Action 22105 - BEEkeeping products valorization and biomonitoring for the SAFETY of BEEs and HONEY, Member, 2023 - Continues, Portugal

## Peer Reviews in Scientific Publications

Zeitschrift für Naturforschung C , Journal Indexed in SCI-E, November 2024

Journal of Apitherapy and Nature, National Scientific Refreed Journal, July 2020

## **Tasks In Event Organizations**

Kemal M., Kolaylı S., Yıldız O., II. International Apitherapy and Nature Congress, Scientific Congress, Trabzon, Turkey, Mayıs 2024

Kemal M., Kolaylı S., Yıldız O., I. International Apitherapy and Nature Congress, Scientific Congress, Nakhchivan, Azerbaijan, Haziran 2023

## **Scientific Research / Working Group Memberships**

Apiterapi Ve Doğa Araştırma Grubu, Karadeniz Technical University, Turkey, <https://avesis.ktu.edu.tr/arastirma-grubu/apiterapivedoga>, 2018 - Continues

## **Metrics**

Publication: 12

Citation (WoS): 40

Citation (Scopus): 50

H-Index (WoS): 4

H-Index (Scopus): 4

## **Scholarships**

MEB Yurtdışı yüksek lisans ve doktora bursu (YLSY), Ministry of Education, 2011 - 2015

## **Awards**

Kemal M., Ali Nihat Gökyiğit Akademik Teşvik Ödül, Artvin Çoruh Üniversitesi, January 2024