

Our Scientific Publications

Publications prior to 2025 are not listed here. A complete list of our publications can be accessed through the CVs available on our department's website.

Web of Science Publications (SCI, SCIE, ESCI and Scopus) and TR Index Publications

2025

1. Arslan, S., & Aydın, A. (2025). The weight-loss paradox in older adults: balancing fat loss with muscle preservation. *Bulletin of the National Research Centre*, 49(1), 79.
2. Arslan, S., Selcuk, K. T., Aydın, A., & Öztaş, E. (2025). Decoding malnutrition risks: A GLIM-based evaluation of nutritional screening tools in hospitalized elderly. *Clinical Nutrition ESPEN*, 69, 1049-1050.
3. Aydın, A., & Bilgic, P. (2025). Nutritional Approaches and Supplementation in Lipedema Management: A Narrative Review of Current Evidence. *Current Nutrition Reports*, 14(1), 113.
4. Aydın, A., & Hatemi, A. I. (2025). Evaluation of the risk of sarcopenia in individuals diagnosis of MASLD. *Clinical Nutrition ESPEN*, 69, 981.
5. Copperstone C, Jones P, Aydın B, Zivkovic J, Can Aytar E, Kalkan Yıldırım H, Ćujić Nikolic N, Künili İE, Yılmaz E, Tirpanci Sivri G, Seylam Küşümler A, Özalp Ünal D, Bratovic A, Özmen Ö, Gunduz S, Şavikin K, Sirbu A, Rimac Brnčić S, Bantis F, Ivanova T, Chervenkov M, Orahovac A, Balazs B, Dilgen MN, Negrão S and Knez M (2025). Beyond hummus-an up-to-date scientific review of chickpeas, health, and environmental impact. *Front. Sustain. Food Syst.* 9:1672634. doi: 10.3389/fsufs.2025.1672634.
6. Demirkenen A.B., Seylam Küşümler A. (2025). Investigation of Eating Behaviors and Dietary Compliance of Adult Individuals with Phenylketonuria, *International Journal of Active & Healthy Aging*, 3(1), 56-62, doi: 10.5281/zenodo.15767324
7. Erkmén, A., Tüzün, N., Erkmén, O. (2025). Osmanlı Devleti'nden erken Türkiye Cumhuriyeti'ne İstanbul'da kızıl hastalığı üzerine bir inceleme (1880-1930). *Uluslararası Tarih Araştırmaları Dergisi*, 10, 480-514. <https://doi.org/10.24186/vakanuvis.1684935>
8. Küpeli Akkol, E., Karatoprak, G. Ş., Dumlupınar, B., Bahadır Acıkara, Ö., Arıcı, R., Yücel, Ç., ... & Sobarzo Sánchez, E. (2025). Stilbenes against Alzheimer's disease: A comprehensive review of preclinical studies of natural and synthetic compounds combined with the contributions of developed nanodrug delivery systems. *Molecules*, 30(9), 1982.
9. Oyman, B. U., Gürer, Ç. Ü., Yener, I., Akdeniz, M., Yigitkan, S., Yılmaz, M. A., ... & Demirkoz, A. B. (2025). From Phenolics to Function: Anti-Diabetic Potentials of Hawthorn, Pomegranate, and Jujube Vinegars. *Records of Agriculture and Food Chemistry*, <http://doi.org/10.25135/rfac.38.2510.3655>
10. Selcuk, K. T., Arslan, S., Aydın, A., & Durmaz, D. (2025). Which screening tool performs best in identifying malnutrition risk among hospitalized older adults with cardiovascular disease? A diagnostic accuracy study comparing six different screening tools with GLIM criteria. *European Geriatric Medicine*, 16(4), 1493-1505.
11. Seylam Küşümler A., Gökçen M. (2025). Öğretmenlerin COVID-19 Pandemisindeki Çalışma Koşullarında Yeme Bağımlılığı ile Uyku Kalitesi ve Depresyon Arasındaki İlişkinin Belirlenmesi, *İzmir Kâtip Çelebi Üniversitesi Sağlık Bilimleri Fakültesi Dergisi*, 10(2):169-175, doi: 10.61399/ikcusbfd.1363639.
12. Seylam Küşümler A., Kuzay A., İnanır A., Saraçoğlu N. (2025). The Anxiety, Stress, Depression, and Insomnia Status of Healthcare Professionals during the Covid-19 Pandemic, *Gevher Nesibe Journal of Medical & Health Sciences*, 10(1), 82-92. <http://doi.org/10.5281/zenodo.14994935>, <https://doi.org/10.5281/zenodo.14994935>, Published Date: 28.02.2025, ISSN 2717-7394.
13. Sürücü, C., Dumlupınar, B., Gürbüz, B., Karatoprak, G. Ö. K. Ç. E., Bahtiyarca, R., & İlğün, S. E. L. E. N. (2025). Antioxidant activity, chemical composition, and therapeutic activity of essential oils from certain Lamiaceae species in Türkiye. *Journal of Research in Pharmacy*, 29(1).
14. Suzan Tireki, Hazal Dağistan, Dilaycan Cam, Cansel Cakir, Mehmet Ozturk, Aslı Barla Demirkoz (2025). Thiamine (Vitamin B1) Levels and Sensory Properties of Cooked Rice: Exploring Varietal Differences, *Food Science and Technology International*, <https://doi.org/10.1177/10820132251397782>
15. Yıldırım, G. B., Gürer, Ç. Ü., Yener, I., Akdeniz, M., Yigitkan, S., Yılmaz, M. A., ... & Demirkoz, A.B. (2025). Comparative Evaluation of Antioxidant and Enzyme Inhibitory Activities of Pomegranate Vinegars and Extracts. *Records of Agriculture and Food Chemistry*, <http://doi.org/10.25135/rfac.37.2510.3654>



- OKAN ÜNİVERSİTESİ 16. Murat Yasa, Ebru Sarıkaya, Zeynep Balta Ertuğ, Nuray Dogan and Asli Barla Demirköz (2026). A Fast and Sensitive Method for the Analysis of 4-Methylimidazole in Tea Extract: Stir-Bar Sorptive Extraction Combined with GC-MS. *Food Analytical Methods*, 19, 23. <https://doi.org/10.1007/s12161-025-02945-1>
17. Erkmén, A., Erkmén, O. (2026). Material practices of citizenship: domestic goods promotion and national self-making in early Republican Turkey. *Dialectical Anthropology* 1 (1), 1.
 18. Erkmén, A., Tüzün, N., Erkmén, O. (2026). Epidemiological characteristics and public health responses against measles in the Ottoman Empire and the early Turkish Republic. *BMC Public Health*, 26, 486. doi.org/10.1186/s12889-025-25833-z
 19. Erkmén, A., Tüzün, N., Erkmén, O. (2026). Epidemiological Characteristics and Public Health Responses against Measles in the Ottoman Empire and the Early Turkish Republic. *BMC Public Health* 26, 486 doi.org/10.1186/s12889-025-25833-z
 20. Erkmén, O. (2026). Effects of fermented products on human health and gastrointestinal microbiota. *Kocaeli Üniversitesi Sağlık Bilimleri Dergisi* 1 (1), 1.
 21. Erkmén, O. (2026). Sağlıklı Beslenmede Probiyotikler ve Fonksiyonel Biyotikler: Sağlık Üzerine Etkiler, Sinerjik Etkileşimler Üretim Teknolojileri ve Gelecek Uygulamaları. *Gümüşhane Üniversitesi Sağlık Bilimleri Dergisi* 1 (-), 1.
 22. Erkmén, O. Karağaç, R.M. (2026). Alkole Bağlı Olmayan Yağlı Karaciğer Hastalığı Patogenezinde Mikrobiyotanın ve Risk Faktörlerinin Rolü: Güncel Bulgular ve Tedavi Stratejileri. *Bilecik Şeyh Edebali Üniversitesi Sağlık Bilimleri Fakültesi Dergisi* 1, 1.
 23. Čujić Nikolić N, Mutavski Z, Šavikin K, Živković J, Pavlović S, Jones P, Copperstone C, Can Aytar E, Aydın B, Van Bavegem E, Kunili IE, Özmen Ö, Küşümler AS, Unal DO, Gunduz S, Lara SW, Akin M, Orahovac A, Balázs B, Milešević J, Širbu A, Negrão S and Knez M (2026) Peas, natural resources for a sustainable future: a multifaceted review of nutritional, health, environmental, and market perspectives. *Front. Nutr.* 12:1703760. doi: 10.3389/fnut.2025.1703760.
 24. Güleyfe Beyza Yıldırım, Çağlayan Ünsal Güner, İnci Kurt Celep, İsmail Yener, Mehmet Akdeniz, Serkan Yigitkan, Mustafa Abdullah Yılmaz, Suzan Tireki, Abdulselam Ertas and and Asli Barla Demirköz (2026). Quince (*Cydonia oblonga* Mill.) and Persimmon (*Diospyros kaki* L.) Vinegars as Functional Foods: Phenolic Characterization and Bioactivity Assessment, *European Food Research and Technology*, accepted, 02/21/2026

Kitaplar ve Kitap Bölümleri

1. Arslan, S., & Aydın, A. (2025). Nutrition and Recovery in Esports. In: *Esports Nutrition: Enhancing Cognitive and Physical Performance in Competitive Gaming* (pp. 79-102). Cham: Springer Nature Switzerland.
2. Arslan, S., & Aydın, A. (2026). The Mediterranean diet and its effects on fatigue. In *The Scientific Basis of Fatigue* (pp. 521-534). Academic Press.
3. Barla Demirköz A. (2026), mpdi yayın evinde, Biosensors, Foods, C, Sensors, Physchem dergilerinde, special issue editörlüğü, Development of Photoelectrochemical Sensors <https://www.mdpi.com/topics/333W68P2YR>

Ulusal ve Uluslararası Kongreler

1. Ak Arife Nisa, Seylam Küşümler A. (2025), The Role of The Ketogenic Diet in Drug-Resistans Epilepsy, *9th International Conference on Medical and Health Sciences*, may 15-19, Dubai, BAE, Sözlü bildiri, ISBN: 979-8-89695-085-1, p.39.
2. Barla Demirköz A., "The Molecular Science Flavour: Flavour Compounds That Shape Sensory Experience", davetli konuşmacı ve bilim kurulu üyesi, 4. Uluslararası Gıda Kimyası Kongresi, 8-11 Mayıs 2025, Kemer-Antalya, Türkiye.
3. Barla Demirköz A., Bilim Kurulu Üyesi, KOZDER Kozmetik Bilimi, Güzellik Konferansı, 19-21 Eylül 2025.
4. Demirkenen A.B., Seylam Küşümler A. (2025). Investigation of Eating Behaviors and Dietary Compliance of Adult Individuals with Phenylketonuria, *Ases X. International Health, Engineering and Sciences Congress*, Sinop University, Sinop, Türkiye, April 25-27, Sözlü bildiri, <https://www.asescongress.com>, ISBN: 978-625-96918-1-7, pp.658-659.
5. Kübra Kocatürk, Büşra Hantal, Gülseren Ergül, Dilek altay, Esra Değirmencioğlu, Özlem Oruç, Beyhan Özenli, Aslı Barla Demirköz, Süperkritik Ekstraksiyonla Elde Edilen Yulaf Yağının Bisküvi Raf Ömrüne Etkisinin Araştırılması, poster bildiri, 08-10 Ekim 2025, Türkiye 15. Gıda Kongresi, Sakarya Türkiye.



— İSTANBUL —
OKAN ÜNİVERSİTESİ

Projelerimiz

1. Barla Demirkoz A. Ayva ve Hayıt Ektstraktları ve Sirkelerinin Biyolojik Aktivite Profillerinin: Antioksidan ve Antidiyabetik Özelliklerinin İncelenmesi, Istanbul Okan Üniversitesi Bilimsel Araştırma Projeleri, No: OBAP2024020012, 2025. (Yürütücü)