



**CURRICULUM VITAE**

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Foreign Languages Known (Score and Year): English, C2 Proficiency, 2022  
Area of Expertise: Health Sciences

Degree	Department/Program	University	Year
Doctorate	FARMAKOGNOZİ (DR)	İstanbul University	2019
Bachelor's Degree	ECZACILIK PR.	İstanbul University	2012

Doctoral Thesis/Proficiency Study/Medical Specialization Thesis Title (abstract attached) and Supervisor(s):  
Uludağ'da yetişen üç hypericum türünün kimyasal bileşikleri ve biyolojik aktiviteleri üzerinde araştırmalar

**PUBLICATIONS**

**A. Articles published in international peer-reviewed journals:**

- A1.** Ersoy E., Ercan S., Çınar E., İzgi S., Tuneğ G., Zengin G., Mataracı Kara E., Yeşil Y., Şahin H., Boğa M. vd., "Exploring the metabolite composition and biological activities of *Thymus canoviridis* via volatile and non-volatile fraction analysis", *Frontiers in Nutrition*, vol. 12, 2026.
- A2.** Ersoy E., Boğa M., Kaplan A., Mataracı Kara E., Demirci Kayıran S., Eroğlu Özkan E., "First Insights Into the LC-HRMS Profiling and Biological Activities of *Crocus graveolens*", *Food Science & Nutrition*, vol. 13, pp. 1-13, 2025.
- A3.** Anıl S., Ersoy E., Tavlı Ö. F., Dacı A., Topal G., Dönmez A. A., Demirci Kayıran S., Eroğlu Özkan E., Melikoğlu G., "Innovative findings on three endemic *Crataegus* spp. from Türkiye: flavonoid-enriched extracts with cardiovascular benefits demonstrated by reduction of oxidative and inflammatory markers on rat aorta tissue", *Natural Product Research*, pp. 1-12, 2025.
- A4.** Ersoy E., Boga M., Kaplan A., Mataracı Kara E., Eroglu Ozkan E., Demirci Kayıran S., "LC-HRMS Profiling of Phytochemicals with Assessment of Antioxidant, Anticholinesterase, and Antimicrobial Potentials of *Astragalus Brachystachys* DC", *Chemistry and Biodiversity*, 2024.
- A5.** Ersoy E., Süvari G., Ercan S., Eroğlu Özkan E., Karahan S., Aygün Tuncay E., Yeşil Cantürk Y., Mataracı Kara E., Zengin G., Boğa M., "Towards a better understanding of commonly used medicinal plants from Türkiye: Detailed phytochemical screening and biological activity studies of two *Teucrium* L. species with in vitro and in silico approach", *Journal of Ethnopharmacology*, vol. 312, 2023.
- A6.** Ersoy E., Tanaman I., Ozkan E. E., Karahan S., Şahin H., Cinar E., Canturk Y. Y., Kara E. M., Zengin G., Boga M., "Phytochemical analysis of essential oils and the extracts of an ethnomedicinal plant, *Teucrium multicaule* collected from two different locations with focus on their important biological activities", *South African Journal of Botany*, vol. 153, pp. 124-135, 2023.
- A7.** Eroglu Ozkan E., Ersoy E., Yesil Canturk Y., Mataracı Kara E., Cinar E., Sahin H., Karahan S., Karaca Sancaktepe K., Yilmaz M. A., Boga M., "The Therapeutic Potential of Ethnomedicinally Important Anatolian Thyme Species: A Phytochemical and Biological Assessment", *Frontiers in Pharmacology*, vol. 13, 2022.
- A8.** Ersoy E., Karahan S., Boğa M., Çınar E., İzgi S., Mataracı Kara E., Yeşil Cantürk Y., Eroğlu Özkan E., "Evaluation of the medicinal potential of a traditionally important plant from Turkey: *Cerinth minor* L.", *İstanbul Journal of Pharmacy*, vol. 52, 2022.

- A9.** Boga M., Ozkan E. E., Ersoy E., Tuncay E., Canturk Y. Y., Cinar E., Kara E. M., Zengin G., "Identification and quantification of phenolic and volatile constituents in five different Anatolian thyme species using LC-MS/MS and GC-MS, with biological activities", *Food Bioscience*, vol. 43, 2021.
- A10.** Eroglu Ozkan E., Seyhan M. F., Kurt Sirin O., Yilmaz- Ozden T., Ersoy E., Hatipoglu Cakmar S. D., Goren A. C., Yilmaz Aydogan H., Ozturk O., "Antiproliferative effects of Turkish pomegranate (*Punica granatum* L.) extracts on MCF-7 human breast cancer cell lines with focus on antioxidant potential and bioactive compounds analyzed by LC-MS/MS", *Journal of Food Biochemistry*, vol. 45, no. 9, 2021.
- A11.** Boga M., Ersoy E., Eroglu Ozkan E., Cinar E., Mataraci Kara E., Yesil Canturk Y., Zengin G., "Volatile and phenolic profiling of a traditional medicinal plant, *Hypericum empetrifolium* with in vitro biological activities", *Journal of Ethnopharmacology*, vol. 272, 2021.
- A12.** Bektaş N. Y., Ersoy E., Boğa M., Boran T., Çinar E., Özhan G., Gören A. C., Özkan E. E., "Cytotoxic and apoptotic effects of *Hypericum androsaemum* on prostate adenocarcinoma (PC-3) and hepatocellular carcinoma (Hep G2) cell lines with identification of secondary metabolites by LC-HRMS", *Turkish Journal of Chemistry*, vol. 45, no. 5, pp. 1621, 2021.
- A13.** Ersoy E., Eroglu Ozkan E., Boga M., Mat A., "Evaluation of in vitro biological activities of three *Hypericum* species (*H. calycinum*, *H. confertum*, and *H. perforatum*) from Turkey", *South African Journal of Botany*, vol. 130, pp. 141-147, 2020.
- A14.** Ersoy E., Eroglu Ozkan E., Boga M., Yilmaz M. A., Mat A., "Anti-aging potential and anti-tyrosinase activity of three *Hypericum* species with focus on phytochemical composition by LC-MS/MS", *Industrial Crops and Products*, vol. 141, 2019.

#### **D. Articles published in national peer-reviewed journals:**

- D1.** Ersoy E., Batal Yildizhan R., Yilmaz M. A., Yeşil Cantürk Y., Şahin H., Eroğlu Özkan E., Boğa M., "Investigating the Pharmacological Potential of *Micromeria myrtifolia* Boiss. & Hohen.: Phenolic Profiling and Biological Activity Assessments *Micromeria myrtifolia* Boiss. & Hohen. Bitkisinin Farmakolojik Potansiyelinin Araştırılması: Fenolik İçeriğinin ve Biyolojik Aktivitelerinin Belirlenmesi", *Commagene Journal of Biology*, 2024.