



BIOGRAPHICAL SKETCH

Emmanuel Hatzakis, PhD

EDUCATION

2007: Ph.D. in Chemistry, Department of Chemistry, University of Crete, Greece. Supervisor: Prof. Ph. Dais.

2004: M.Sc. in Organic Chemistry, Department of Chemistry, University of Crete, Greece. Supervisor: Prof. M. Stratakis.

2000: B.Sc. in Chemistry, Department of Chemistry, University of Crete, Greece.

WORK EXPERIENCE

Academic Appointments

05/18/2022 – Current: Associate Professor at the Department of Food Science and Technology at the Ohio State University, Columbus, OH, USA.

08/17/2016 – 05/17/2022: Assistant Professor at the Department of Food Science and Technology at the Ohio State University, Columbus, OH, USA.

11/11/2012 – 07/31/2016: NMR Director at the Department of Chemistry at Penn State University, State College, PA, USA.

05/15/2010 – 11/10/2012: Research Associate Professor/NMR and LC-MS facilities manager, Department of Chemistry and Biochemistry, University of North Carolina, Wilmington, NC, USA.

04/21/2008 – 04/30/2010: Postdoctoral Research Associate, College of Pharmacy, Department of Pharmacology and Toxicology, University of Arizona, Tucson, AZ, USA.

RESEARCH FOCUS

My research interests include applications of NMR spectroscopy in food science. We focus on the production of value-added products from food waste, and we develop advanced methods of targeted and untargeted analysis to understand the factors that affect food quality and investigate the interaction between food ingredients and gut microbiota.

SELECTED PUBLICATIONS

- Eiseman, Baik, Campanella, Rodriguez-Saona, Hatzakis. *Food Research International*, 2026, 236, 119267.
- Eiseman, Williamson, Banker, Dey, Zhao, Chen, Campanella, Vodovotz, Hatzakis. *Biomass and Bioenergy*, 2025, 205, 108534.
- Janovick, Krishnamurthy, Howard, Hatzakis. *Analytica Chimica Acta*, 2025, 344173
- Janovick, North, Zhang, Zhu, Blakeslee, Hatzakis. *LWT*, 2025, 221, 117597.
- Guduru, Balasubramaniam, Hatzakis. *International Journal of Food Science & Technology*, 2024, 59, 5754-5766.

- Tang, Banker, Green, Wang, Hatzakis. *Journal of Food Science*, 2024, 89:4276–4285.
- Bao, Tang, Rich, Hatzakis. *Analytica Chimica Acta*, 2023, 341537.
- Tang, Krishnamurthy, Janovick, Crawford, Wang, Hatzakis. *Food Chemistry*, 2023, 405, 134868.
- Williamson, Banker, Zhao, Ortega, Jimenez-Flores, Vodovotz, Hatzakis. *LWT - Food Science and Technology*, 2022, 165, 113719.
- Tang, Polari, Green, Wang, Hatzakis. *Food Control*, 2022, 137, 108939.
- Tang, Green, Wang, Hatzakis. *Molecules*, 2021, 26, 310.
- Tang, Vasas, Hatzakis, Spyros. *Reports on NMR Spectroscopy*, 2019, 2019, 98, 239-306.