

Short CV

Dr. Eray Çalışkan

Associate Professor of Chemistry

Bingöl University, Türkiye

✉ ecaliskan@bingol.edu.tr

Dr. Eray Çalışkan is an Associate Professor in the Department of Chemistry at Bingöl University. His research bridges **organic, inorganic, and polymer chemistry**, with a particular focus on designing multifunctional molecules for biomedical and materials applications.

His work spans:

- ◆ **Phosphazene–peptide conjugates** for anticancer activity and molecular docking
- ◆ **Amino acid/peptide-based chromophore conjugates** (chalcone, coumarin, cinnamoyl) studied for cytotoxicity and genotoxicity
- ◆ **Click chemistry-modified functional polymers**, including tyrosine-coumarin and ferrocene derivatives for advanced materials

In 2010, Dr. Çalışkan was awarded a prestigious **Ministry of National Education Scholarship** from Türkiye to pursue graduate studies abroad. He earned his M.S. in Chemistry at the **University of Florida**, where he served for three years as a **research assistant in the group of Prof. Alan Roy Katritzky**, contributing to heterocyclic synthesis and peptide chemistry.

He completed his Ph.D. at Bingöl University in 2020, with a dissertation focused on chromophore-labeled amino acid conjugates and their dielectric properties. He has led and participated in multiple research projects funded by **TÜBİTAK** and university grants, and has published in journals including *ACS Omega*, *ChemMedChem*, *Polyhedron*, and *Bioorganic Chemistry*.

Dr. Çalışkan is also an experienced educator, teaching **General and Organic Chemistry**, as well as graduate courses such as **Stereochemistry**, **Organic Reaction Mechanisms**, and **Pericyclic Reactions**. He is actively involved in **mentoring undergraduate students**, many of whom contribute to his research in synthesis of functional polymers and peptide conjugates.