



Arif Mermer completed his master's and doctoral studies in the Chemistry Department of Karadeniz Technical University between 2012-2018. Since 2019, he has been working as Assistant Professor in Biotechnology Department of Istanbul University of Health Sciences. Arif Mermer has about 20 publications in national and international journals and works in the field of heterocyclic chemistry and medicinal chemistry.

Selected Publications:

- 1-** Piperazine-azole-fluoroquinolone hybrids: Conventional and microwave irradiated synthesis, biological activity screening and molecular docking studies, *Bioorganic Chemistry* 85 (2019) 308–318.
- 2-** Conventional and microwave prompted synthesis, antioxidant, anticholinesterase activity screening and molecular docking studies of new quinolone-triazole hybrids, *Bioorganic Chemistry* 78 (2018) 236–248.
- 3-** Microwave assisted synthesis of some hybrid molecules derived from norfloxacin and investigation of their biological activities, *European Journal of Medicinal Chemistry* 67 (2013) 230-242.
- 4-** One-pot, Four-Component Green Synthesis, Carbonic Anhydrase II Inhibition and Docking Studies of 5-Arylidenerhodanines, *Chemistry Select* 2018, 3, 12234– 12242.
- 5-** Synthesis of novel Azol-b-lactam derivatives starting from phenyl piperazine and investigation of their antiurease activity and antioxidant capacity comparing with their molecular docking studies, *Journal of Molecular Structure* 1189 (2019) 279-287.