

Chatzipieris Filippos Panteleimon

I completed my undergraduate studies at the Department of Chemistry of the National and Kapodistrian University of Athens (NKUA) in 2022 and received my degree with "Excellence" (8.78/10). My thesis was on polymer synthesis for the photodynamic – photothermic cancer therapy. I completed my master's degree in 2024 with "Excellence" (9.14/10) on the design and development of novel pharmaceutical compounds, specializing in medicinal chemistry. Specifically, I synthesized carbazole derivatives and pharmacologically tested them in cell cultures and experimental animals for the treatment of non-small cell lung cancer, through collaboration between the Pharmacy department of NKUA and the BSRC Alexander Fleming. Furthermore, I carried out research work in the University College of London (UCL) department of Pharmacy, where I performed computational chemistry and nuclear magnetic resonance (NMR) spectroscopy experiments. I have received scholarships from the "State Scholarships Foundation" (IKY) for my undergraduate studies, as well as from the "Lilian Voudouri Foundation" and the British Embassy for my postgraduate studies. I am currently a PhD candidate in the Department of Chemistry of the NKUA and my research interests are in computational chemistry and NMR spectroscopy for the design and development of novel bioactive compounds for the treatment of Alzheimer's disease.

