Dr. Nagia S. Tagiara received her degree in Physics from the National Kapodistrian University of Athens (EKPA), Greece and her MSc in Microsystems and Nanodevices from the School of Applied Mathematical and Physical Sciences of the National Technical University of Athens (NTUA), Greece. She then did her PhD under the supervision of Dr. Efstratios I. Kamitsos at the Theoretical and Physical Chemistry Institute of the National Hellenic Research Foundation in Athens (TPCI-NHRF) in collaboration with the Physics department of the School of Applied Mathematical and Physical Sciences of the National Technical University of Athens, from where she obtained her PhD. Her graduate thesis concluded in 2021 with the title 'Synthesis, structure and properties of pure TeO_2 glass, binary and ternary tellurite glasses', focused on the development and systematic investigation of pure TeO_2 glass and TeO_2-based binary and ternary tellurite glass systems. The main goal was to develop pure tellurite glassy materials, to study the evolution of structure and physical properties with composition and to understand property- structure correlations. During her PhD, she developed a new synthesis method, named the Intermittent Quenching technique (*IQ-technique*), which proved valuable for the production of sizable quantities of pure TeO_2 glass. She is currently working as a post-doctoral researcher at NHRF and the main focus of her work is to study glass structure by Raman and infrared spectroscopy and to develop Second Harmonic Generation (SHG) by electro-thermal poling. The published work of Dr. Tagiara consists of 13 papers in peer-review international journals, and 14 contributions to international and national scientific conferences.