

Prof. **Bruno Pagano** (ORCID ID: 0000-0002-7716-9010) graduated in Chemistry at the University of Naples Federico II (Italy) in 2003 and received his PhD in Pharmaceutical Sciences from the University of Salerno (Italy) in 2008, with a dissertation on “Physico-chemical characterization of DNA G-quadruplexes and their interaction with proteins and potential anticancer agents”. From 2008 to 2011, he has been Postdoctoral Fellow at the Faculty of Pharmacy, University of Salerno. In 2008, he won a FEBS Fellowship and has been visiting scientist at Randall Division of Cell and Molecular Biophysics, King’s College London (UK). From 2011 to 2018, he has been Assistant Professor at the Department of Pharmacy, University of Naples Federico II, and from 2018 he is Associate Professor at the same University. Since 2016, he is a member of the Committee of the PhD program in Pharmaceutical Science of University of Naples Federico II. He obtained the Italian professorship qualification as Full Professor of Medicinal Chemistry in 2017 and of Physical Chemistry in 2018.

Prof. Pagano has been the Principal Investigator (PI) of two AIRC grants (2011 and 2015), and of a Future in Research (FIR) three-year grant from the Italian Ministry of University and Research (2013). He is the PI of an on-going AIRC grant for the research project “Noncanonical DNA-binding proteins: from identification to next generation peptide-based anticancer therapeutics”. For his research activities, prof. Pagano has been honored with three awards: “Giacomino Randazzo” award 2009 from Italian Chemical Society (sec. Campania) for the best PhD thesis of 2008 in the field of Chemical Sciences; “Alberto Lucci” award 2010 from Italian Association of Calorimetry and Thermal Analysis; “Gastone De Santis” award 2011 from the Italian Chemical Society (Division of Chemistry of Biological Systems). He was member of the Organizing Committee of "Third International Meeting on G-quadruplexes and G-assembly" (2011), and of "XXXVIII National Congress on Calorimetry, Thermal Analysis and Applied Thermodynamics" (2016).

Prof. Pagano is author of more than 90 publications in several peer-reviewed international journals and of numerous contributions to national and international conferences. His current h-index is 30 (Scopus). The research activity is mainly focused on noncanonical DNA structures, such as G-quadruplexes and i-motifs, and their interactions with putative drugs and biological targets. The main scientific skills are in the physico-chemical studies of i) the stability of biological macromolecules (proteins and nucleic acids) by differential scanning calorimetry, circular dichroism and UV spectroscopies, and ii) biomolecular interactions mainly by means of isothermal titration calorimetry, fluorescence, surface plasmon resonance, and microscale thermophoresis.