Luca Prodi is Professor of General Chemistry at the University of Bologna. After his graduation (1992) he focused its research on the synthesis and characterization of luminescent sensors and labels also based on nanostructured materials. He has patented a methodology to synthesize silica nanoparticles that have been used for various biological applications, such as the imaging of tumors and sentinel lymph nodes. His research activity is documented by more than 200 articles in international journals (h-index = 56) and by 4 international patents. He has founded three spin-off companies. He was Director of the "Giacomo Ciamician" Department (2015-2018).