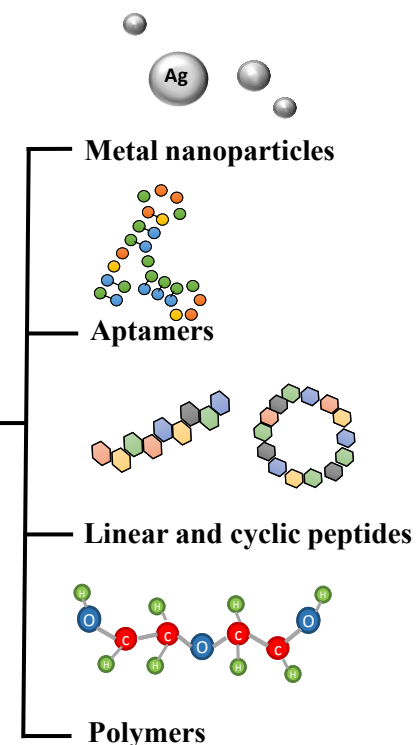
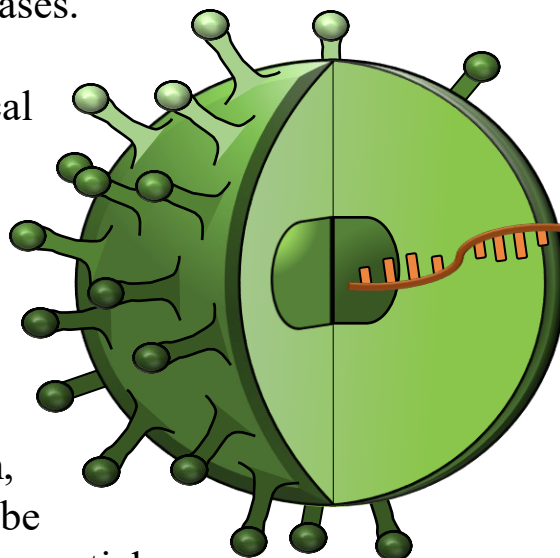




Project presentation

RNA G-quadruplexes (**rG4s**), which may occur in guanine (G)-rich sequences, are emerging as a new therapeutic target in a great number of human diseases.

The **aim** of this project is to provide a detailed biophysical characterization of pharmacological relevant rG4s and to develop new G4-RNA **targeting compounds** able to interfere with disease associated rG4s. To this aim, several type of **ligands** will be employed, such as metal nanoparticles, peptides, polymers or aptamers.



Ph.D. Student
Claudio Savino

Title

Characterization of biologically relevant G4-RNA and development of G4-RNA targeting compounds for therapeutic applications