

Summary Stage II

In this stage of the project, subassemblies of the experimental system were developed and tested. Thus, photosensitizing nano-complexes were synthesized and their photophysical and spectral characterization was performed; the experimental assembly for the generation of micro-nano bubbles was developed and its optimized operating parameters were established; PS – CNT-TiO₂ membranes were made, characterized photophysically, spectrally and microscopically and their fluidic properties were evaluated.