

## **Summary Stage I**

The objectives of this stage of the project consisted in updating the conceptual model of the project, the selection and acquisition of the appropriate compounds and components of the experimental system and the development of the project website.

Thus, during the stage, an update of the state of the art from the latest reports in the literature for the conceptual model of the project -techniques and methods for generating micro-nanobubbles containing singlet oxygen, porphyrin nano-complexes with efficient photosensitizing properties- was made. Based on this, the components of the experimental system to be developed and the compounds needed in the synthesis of photosensitizing nano-complexes for singlet oxygen generation were selected and purchased.