

PHOSPHOLIPID COVERAGE OF CARBON AGREGATES

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This work mentions the preliminary results of a general project that intends to cover carbon nanocapsules with biological material for further functionalization. Biological material resembles cellullar membranes were antibodies can be attached. Nanoapsules can contain radioactive isotopes.

First experiments were performed with iron and boron soot that contain encapsulated material and dipalmitoil phosphatidicoline.

The possibility of phospholipid coverage and liposome formations are shown using contrast agents and transmission electron microscopy (TEM).