

Interaction CNTs-Oocytes and Oocytes Fixation.

Two essays were done for the interaction of the CNT's, one that was used as blank and another that was the experimental essay. The oocytes were put on slides, after which only 100 µl of PBS 1X was added into the control and for the experimental essay 100 µl of PBS f-CNT 1 mg/ml were pipetted. Both essays were incubated for 30 minutes. Then the oocytes were cleansed 3 times for 5 min with PBS-PVP 1X. Subsequently, for the both essays 100 µl of paraformaldehyde 4 % PBS were added and were incubated for 1 hour at 37° C. After that the paraformaldehyde 4 % PBS was removed and the oocytes were permeabilized with PBS-Triton X-100 at 3 % for 1 hour at room temperature. Once the time passed, the oocytes were cleaned 3 times for 5 min with PBS-PVP 1X. Once the oocytes were cleaned, the excess PBS-PVP 1X was carefully removed. The area where the oocytes were fixed was covered with 70 µl of DAPI stock solution for 30 min. Then the slide was dried to remove the excess of dye. After this the slide was washed with PBS-PVP and carefully dried again. Next 20 µl of VectaShield were added over the slide. After that the coverslip was put on and sealed with enamel. Finally were stored in the 4 °C refrigerator.