




Silver and fullerene nanoparticles' effect on interleukin-2-dependent proliferation of CD4 (+) T cells

Guillaume Côté-Maurais, Jacques Bernier  

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Highlights

- Silver and fullerene nanoparticles toxicity on IL-2 dependant proliferation is not determined.
- Silver nanoparticles decrease T cell proliferation and fullerene nanoparticles slightly increase proliferation.
- CD25 expression was only increased by silver nanoparticles.
- Stat5, JNK and ERK1/2 are not significantly affected.
- Fullerene has good biocompatibility and do not interfere with IL-2-dependent T cells proliferation.