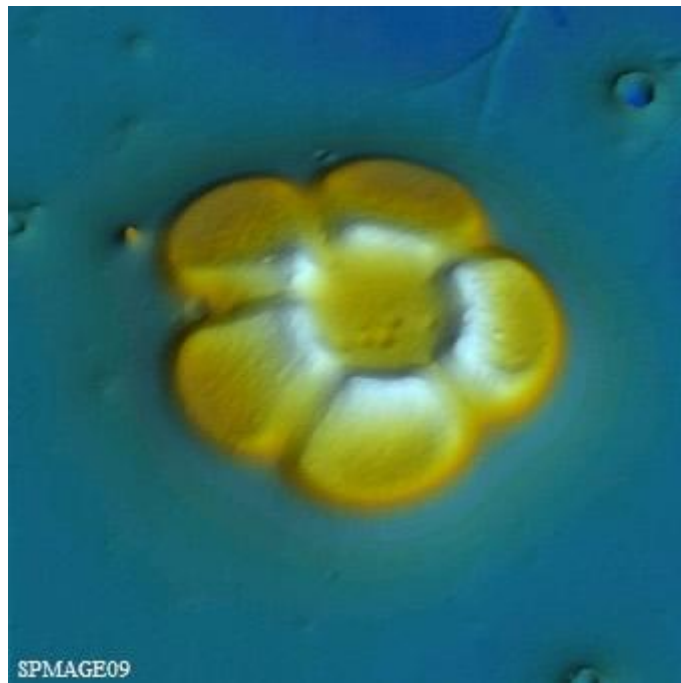


# **A Revolutionary Medical Break Though**

*The nanotechnology in the medical field: a future certainly.*

Nanotechnology is already present in the medical field. This technology has undergone major changes recently in cancer although this technique is that the stage of trying. Indeed, doctors inject tiny particles combined with a large molecule or a polymer to target and destroy cancer cells.

Multiple experiments showed that the product attached 70 times more to cancer cells than to healthy cells, so it would allow patients to tolerate doses 10 times higher than with a traditional product.



"MALIGNANT CELLS MEETING" INASMET-Tecnalia (Spain)

The researchers imagine several concepts. First, the "smart bomb", could be injected in small capsules filled with liquid active and forward by the blood to a given target. Or micro-chips led by electrical signals, it may contain a serum and then release it at a specific location. This technology could also be used as a means of preventing the disease. We just start now to use these particles to cure some brain or prostate cancers. Some governments have even understood the importance and usefulness of this technology and finance its development.

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