

Nano Silver Activates Stem Cells

Studies conducted over decades at the College of Physicians and Surgeons, Columbia University revealed that the minimum bactericidal concentration of silver required for biocidal activity against bacteria in pure water was 0.1ng/mL or 0.1 ppb.

A project begun in the early 1970's by Robert Becker, an orthopedic surgeon, involved a silver nylon product. This project was instigated in order to find an electromagnetic shield. Instead, it led to the revolutionary discoveries by Becker of silver's unique properties to increase the rate of tissue regeneration in diseased or damaged tissues and his discovery that **silver ions could induce fibrocytes to dedifferentiate into stem cells and back again**. Becker also addressed the fact that children under 4 years of age could regenerate fingertips with silver. His extensive studies suggest that the regeneration effect initiated by silver appears to be similar to that seen in salamanders, which regenerate lost parts.

While at the Upstate Medical Center, University of Syracuse, Syracuse, New York, Becker developed a technique that released large quantities of silver ions from silver electrodes via small electric currents of approximately 0.9 volts. Electrically driven silver ions were found to consistently penetrate one centimeter within 20 minutes into local proteins at a wound site and were effective in treating osteomyelitis, similar infectious diseases, and the silver proved to be a stimulus for reconstruction of tissue in large wounds.

There is a lot of talk today about harvesting umbilical cord stem cells from the left overs of the birth process. It is easy to create them from nearly any cells of the body, using Becker's almost 40 year old technology. This information has been widely available in Becker's best selling book and is confirmed by some giants in the field of medical research. Yet... they continue to try to reinvent the wheel.

Its almost like medical science does not want this incredible knowledge known. It actually heals people instead of keeping them on drug maintenance while they slowly die. If they can find new ways to generate stem cells, more power to them. Now lets get this technology into the clinics and hospitals where it can relieve some pain and suffering.