

A PARADIGM SHIFT

Stem cell research and cloning are not only issues of morality and religion, they represent a huge economic power base within the business and scientific community. Technology can be of true benefit to humankind but it is also a vehicle for enormous profit that brings the power brokers, with amoral attitudes, to reap economic and power gains regardless of what may or may not be the right thing to do. Important science is often forsaken if it does not comply with the socio-political economic agenda of the power structure. Science that represents a paradigm shift that is not in compliance or suggests a change that causes economic and political shifts is sure to cause intense efforts to suppress it.

Such is the case of Thomas Ronald Theodore, M.D. who is currently incarcerated in federal prison, for what many believe to be a discovery of a true paradigm shift in cell culture technology that has been patented by the U.S. government and several other countries. Dr. Theodore discovered that a commonly used buffer in many cell cultures, which has been used for years, in fact, was an active compound that has now been patented as a biological response modifier (BRM). The compound (HEPES) and its related compounds called zwitterions have demonstrated significant effects on many cell systems in the body and appear to work alone and in synergism with many existing therapies, increasing their efficacy. Of great importance is that the zwitterions appear to have the ability to stimulate the production of stem cells and cause the adult body to produce stem cells and other blood cells in the same way they are made embryonically. The effects of HEPES on the various organ systems of the body and on diseases such as cancer and damaged organs are significant. Stem cells, which are often grown in HEPES, are used to help fight disease and repair damaged tissue. The paradigm came when it was discovered that the HEPES buffer the stem cells were grown in, in fact, could cause the same effects. Current medical literature is already starting to validate the effects. Whether HEPES causes the body's own cells to start the repair process or the damaged or diseased cells respond in some way to the zwitterions effects is still not clear. Also it should be noted that much of the past research data involving cell cultures was performed with HEPES in culture. The concentration of HEPES is also apparently important.

Paradigm Shift Update

Several months ago the above article regarding the case of Thomas Ronald Theodore, M.D. and his work was published on www.marycoredemptrix.com in an on-line magazine entitled *The Center Review* (Winter 2003-2004).

In December 2003 the First Circuit Court of Appeals vacated his motion for a new trial, and remanded it back to the U.S. District Court for further hearings. The First Circuit Court of Appeals said that the District Court abused its discretion in not holding an evidentiary hearing. The Court stated that Dr. Theodore's lawyer was not only negligent but

utterly ignorant of the Rules of Federal Procedure and that the District Court should reconsider.

After remand the trial judge recused himself from the case. The trial judge was actually a witness at an evidentiary hearing held in U.S. District Court on June 28 and 29, 2004. At the hearing the trial judge, as a witness, stated that in retrospect he should have given Dr. Theodore a new counsel prior to trial. The trial judge also stated that more often than not, the trial was **not** a “meaningful test of the adversarial process.” He said that jury instructions did not cure the government’s erroneous portrayal of Dr. Theodore’s not being a qualified physician. The documentation came in too late to eliminate “the skunk in the jury box.”

The new presiding U.S. District Court Judge indicated he would order a new trial once both sides have filed summary memorandums. It should be ordered by September, 2004.

For the first time since the entire case started it has now been placed into the record that something was very wrong about this prosecution including a government informant was let go who had telephone tape that was exculpatory.

For the first time the Court is now aware that Dr. Theodore has U.S. and worldwide patents. These patents and his initial research show that there is a real probability that adult stem cell production can be stimulated in healthy and ill individuals. This information has been known by the FDA and the NIH. They have subordinated it and tried to discredit Dr. Theodore. The truth is that a simple search on the NIH/PubMed website for HEPES during the last few years, indicates that researchers around the world have begun to note the effects of this compound (previously thought to be a buffer) in many major journals. The validation is significant.

There are real scientific alternatives to embryo derived stem cell research. Dr. Theodore’s work should be brought forth and validated without delay before those with socio-economic interests deceive Congress into unnecessary compromises.

President Bush means what he says about not allowing embryo derived stem cells. The moral road is not always an easy road to travel. Embryo derived stem cells are not necessary if there are alternatives. There are alternatives, and they utilize God’s own design, not manipulate it. Please make others aware of this issue.
