CALIFORNIA RIGHT TO LIFE EDUCATION FUND

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Adult Stem Cells are Treating Thousands of Patients Now

By David Prentice, Ph.D.

Stem cell research continues to move ahead. Not embryonic stem cell research, however, which relies on the destruction of young human life.
After over 30 years of embryonic stem cell research, first with mouse and then human embryonic stem cells, not a single patient has been helped. And while over the past year, three experimental trials have been approved in the U.S., even many embryonic stem cell scientists believe the practical dangers of embryonic stem cells (tumors, incorrect tissue growth, immune problems) make such trials preliminary; simply using patients for experiments. Embryonic stem cells fail on both ethical and practical aspects, and have contributed only hype to the debate and false hope to patients.

Adult stem cells are both successful and ethical. They can be isolated and used without harming the stem cell donor. They can be taken from a host of tissues —bone marrow, muscle, fat, and umbilical cord blood—and already have proven success at saving lives and improving health on a daily basis. Over 50,000 people around the globe are treated each year with adult stem cells. The diseases and conditions successfully treated by adult stem cells, as shown by published scientific evidence, continue to expand, with published success for numerous cancers, spinal cord injury, heart damage, multiple sclerosis, sickle cell anemia, and many others.

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Here are just a few examples of adult stem cell advances over the past year.

* Several studies now document that adult stem cells can stimulate repair of damaged heart tissue, including damage from heart attack as well as chronic heart failure.

For example, scientists at the University of Miami reported that they had reversed heart damage in a small group of patients with the patients' own bone marrow adult stem cells, reducing scar tissue and improving function to injured heart areas, up to eleven years after initial heart damage. And doctors in Germany published evidence from a large study showing that patients treated with adult stem cells for chronic heart failure showed a significant improvement in heart function and a significant decrease in long-term mortality, with no side effects. In another example, doctors in Brazil and Florida found that adult stem cells injected directly into the heart could relieve angina.

* Italian doctors reported that they could successfully treat corneal blindness using the patient's own adult stem cells. They treated 112 patients who had been blinded by chemical burns. Over 77% of patients recovered normal vision. Patients with superficial damage were able to see within one to two months, while more extensive injuries took several months longer to recover. One of the successful transplants was a man who had been blind for 50 years. The doctors grafted adult stem cells from a small section of his left eye to both eyes. His vision is now close to normal.

* Multiple sclerosis (MS) treatment with adult stem cells also showed multiple positive results over the past year. A team of scientists from Thessaloniki, Greece, showed that chemotherapy followed by adult stem cell transplant can stop progression of aggressive MS. The team observed a group of 35 patients who received transplants of their own bone marrow adult stem cells after being treated with chemotherapy to wipe out the rogue immune cells that were attacking their nervous system and causing their MS. An average of 11 years after their transplants, 25% of the patients in Greece have not seen their disease progress. And a U.K. team led by Dr. Neil Scolding showed that a simple intravenous infusion of the patient's adult stem cells, without using chemotherapy, could work to improve MS patient symptoms.

The groundbreaking report of the first six patients found that the simple treatment stabilized the patients' conditions and improved their nervous systems. The whole procedure, from extracting the bone marrow adult stem cells to re-infusing them into the bloodstream, was accomplished in a few hours at the hospital, and the patients were then followed for one year to observe the positive benefits.

* Scientists used donor adult stem cells from bone marrow and umbilical cord blood to successfully treat children with a fatal genetic skin disease called epidermolysis bullosa (EB), that causes skin to blister and scrape off with the slightest friction and chronic pain; the slightest touch or hug hurts them. All 10 children treated so far have responded positively, easing their conditions. According to the doctors who treated the children, "Bone marrow [adult stem cell] transplantation is one of the riskiest procedures in medicine, yet it is also one of the most successful. Patients who otherwise would have died from their disease can often now be cured. It's a serious treatment for a serious disease."

* Scientists at the University of Texas Health Science Center at Houston published preliminary results of a Phase I clinical trial showing the safety of bone marrow adult stem cells in treating traumatic brain injury in children. A total of ten children from 5-14 years old were treated within 48 hours of their injury with their own adult stem cells; the cells were collected from their bone marrow, processed and returned to them intravenously. Six months after their adult stem cell treatment, all of the children showed significant improvement. The team is also testing use of umbilical cord blood, another type of adult stem cell, for these treatments.

While many adult stem cell treatments are still experimental, the results continue to flow for thousands of patients a year, and many new applications are being developed. This makes it all the more important that we direct our health care resources toward the proven, ethical, and successful solution—adult stem cells.

For a visual sample, see the three patient videos at www.stemcellresearchfacts.org

http://www.lifenews.com/2011/05/17/adult-stem-cells-are-treating-thousands-of-patients-now/

Do you know someone who might be considering abortion?
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Possible human fetal DNA/autism link in vaccines

(Largo, FL) – Sound Choice Pharmaceutical Institute (www.soundchoice.org) and American Life League Associate Group Children of God for Life (www.cogforlife.org) are calling on federal officials to investigate the cause of autism in children who have received vaccines produced using aborted fetal cell lines.

Past studies have focused on the use of thimerosal in vaccines as reason for the rise in autism. However, despite the removal of this preservative, autism has continued to rise, leaving many to assume there is no link between vaccines and autism.

"Change-points in the rise of autism do not coincide with Thimerosal in childhood vaccines," stated Dr. Theresa Deisher, Chief Scientist and founder of Sound Choice Pharmaceutical Institute (SCPI). "However, those change-points do coincide directly with the use of human fetal cells to produce vaccines."

In March 2010 the Environmental Protection Agency published a study identifying what is called a 'change-point' in US and worldwide autism rates. Taken together, the work at SCPI and the EPA publication establish three US change-points for autism disorder: 1981, 1988 and 1996, whereby some sort of exposure or environmental trigger affected children born in and after those dates. That trigger was the introduction of fetal DNA in vaccines.

In 1979, Merck's MMR (measles, mumps and rubella) vaccine, which uses fetal cell lines in the rubella component, was licensed for use in children beginning at 12 months of age. Autism in the U.S. began to rise in 1981, then spiked dramatically between 1983 and 1990 and again in 1996. In 1988, measles outbreaks caused a massive MMR vaccine compliance campaign which increased vaccination rates from 49% to over 82% by 1991. And in 1989, a second dose of MMR was recommended for children who were not immune

to measles after only one dose. Then in 1995, the U.S. licensed Merck's Varivax varicella (chickenpox) vaccine. Like the MMR, Varivax also uses fetal cell lines and is given to children aged 12-18 months of age.

Deisher's study and the EPA change-points reveal the same results for the UK, Canada, Denmark, Japan, and several South East Asian countries as the fetal vaccines were introduced to those markets. "These vaccines are contaminated with human endogenous retrovirus K (HERVK) that is in the same family as the MMLV virus that induced leukemia in young boys in gene therapy trials," noted Dr. Deisher. "Additionally, the vaccines contain significant residual human DNA fragments that can insert themselves into vaccine recipient cells through a process known as homologous recombination. This insertion can cause genomic disruption resulting in autism."

The early findings of Dr. Deisher drew the attention of at least one other well-known scientist from the pharmaceutical industry, Dr Helen Ratajczak. In her paper published in the *Journal of Immunotoxicology* she noted that thimerosal was removed from the MMR vaccine in 1979.

In a March 2011 CBS news interview Dr Ratajczak stated, "That DNA is incorporated into the host DNA. Where is this most expressed? The neurons of the brain. Now you have body killing the brain cells and it's an ongoing inflammation."

Children of God for Life's Executive Director Debi Vinnedge was not entirely shocked by the findings. "While we have focused primarily on the moral aspects of using aborted fetal material, the question of that DNA's impact on autism have remained unanswered," she stated. "It is critical that Dr. Deisher's work be explored further, especially since the FDA is well aware of the dangers of extraneous human DNA in vaccines."

In the 2008 journal *Biologicals*, (pages 184-197) FDA scientists stated the danger of residual DNA in vaccines "has been debated for over 50 years, without resolution." Those dangers include cancer, autoimmunity and genomic disruption.

Even more startling is the amount of DNA Dr. Deisher found in these vaccines. While the FDA guidelines allow for no more than 10ng per vial, on average the rubella vaccines contained over 140 ng per vial. "I would call this a ticking time bomb, except in this case, autism has already exploded," stated Vinnedge. "The CDC and FDA need to recognize the importance of this new evidence and provide real solutions for parents."

ACTION ALERT

Boycott Pepsi for Using Aborted Fetal Cell Lines

Children of God for Life, an American Life League Affiliate group, is asking us to consider joining a public boycott of food giant, PepsiCo due to its partnership with Senomyx, a biotech company using aborted fetal cells in the research and development of artificial flavor enhancers. PepsiCo is funding the research and development – and paying royalties to Senomyx, which uses HEK-293 (human embryonic kidney cells) to produce flavor enhancers for PepsiCo beverages. (For Pepsico press release see: http://www.pepsico.com/PressRelease/PepsiCo-and-Senomyx-Enter-Into-Collaboration-to-Discover-Develop-and-Commerciali08172010.html)

Senomyx boasts they have over 800,000 unique flavors for foods. The human tongue recognizes only five (salty, savory, sweet, sour and bitter), but cells expressing certain proteins produce a chemical signal when flavors are introduced, which determines if it's the proper flavor. The aborted fetal cells are not in the product itself.

The revelation – a potential public relations nightmare – motivated Campbell Soup to sever all relations with Senomyx. However, PepsiCo continues its business relationship despite the abortion connection. The company drew pubic ire earlier this year when they responded that, "collaboration with Senomyx is strictly limited to creating lower-calorie, great-tasting beverages for consumers." When pressed further, PepsiCo attempted to pacify angry consumers with a form letter response insinuating it had been accused of conducting aborted fetal tissue research. The duplicity again drew public outrage.

Please consider boycotting all PepsiCo drink products and encourage consumers to contact PepsiCo management, requesting that they sever all ties with Senomyx.

Jamie Caulfield, Sr. VP, PepsiCo, Inc.,700 Anderson Hill Road, Purchase, NY 10577, (914) 253-2000
An e-mail form is available at:
http://cr.pepsi.com/usen/pepsiusen.cfm?time=5189878

See www.cogforlife.org/senomyxalert.htm for more information.

Survivors

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For further information see:
http://survivors.la/training-camp.asp

Remember www.calendarforlife.org
for the latest and most up to date listing of activities and events happening in your area.

WHO IS CALIFORNIA RIGHT TO LIFE?

This is the newsletter of **California Right to Life Education Fund**, a 501-c-3 organization established to educate the public about pro-life issues. Donations to the EDUCATION FUND are **tax-deductible** and can be sent to P.O. Box 4343, Walnut Creek, CA 94596-0343.

California Right to Life **Committee, Inc.** is a501-c-4 organization providing information on legislative issues affecting the right to life, and pro-life political advocacy. **CRLC, Inc. is not permitted**, under IRS regulations, to offer a tax deduction for donations. $24.99 annually is requested for a subscription to the CRLC legislative email updates list and can be sent to 1920 Monument Blvd #309, Concord, CA 94520.

Both are affiliates of American Life League, headed by Judie Brown, and share the same “no-exceptions, no excuses” beliefs and the same dedication to promoting the Culture of Life, respecting all innocent human life from the single-cell stage to natural death.