

People Cloning

By Nancy Mann

It may be necessary to reconsider and begin again human cloning after the year 2014. Medical and legal moratoriums end then; there has been a stagnation in cloning research everywhere, and human cloning is banned in most countries.

"Klonos" is a Greek word meaning "branch." Cloning occurs in nature in "The Little Fire Ant" which is native to Central and South America, and is called parthenogenesis. A clone is the creation of a genetically identical copy of a human- for therapeutic or reproductive reasons.

Somatic cell transfer, SCNT, created Dolly, the famous British sheep. And an endangered species was briefly brought to life when "Noah" was calved in 2001. Noah was a gaur, a type of bull. A hybrid-human lived for twelve days, after a cow received a man's leg, skin-cell nucleus in its animal leg. The creator of this procedure was Advanced Cell Technology Corporation. In 2008, The Stemager Corporation created *five* human embryos, under the direction of Dr. Samuel Wood. A Dr.

Mitalipov extracted nuclei from human skin cells and inserted them into eggs which contained no genetic material. He then took "daughter" cells for a stem-line-I PSC-or induced pluripotent stem cells. Most people are familiar with the meaning "potent."

Disadvantages of human cloning are disability, deformity, or stillbirth-all due to gene diversity loss. Babies could *have* 40-year-old genes and not live *very* long. A cloned child has only one parent, and the parent is its genetic twin. So, there are legal problems ...to include birth order, or inheritance or willed benefits for a brand- newly arrived clone envisioned on a parent's deathbed...

Businesses could raise clones as "slaves," or as soldiers to fill the army's ranks.

Cloning wouldn't reach ordinary people. Actually, cloning wouldn't make real people-they would not *have* any personality. Rich people would create "Super- Menschen." Rich people might clonemany"Fabios," or retired military men might wish to clone and own, and *even* display ...their own famous military hero, such as General Patton ...Nations would commence with trade wars-started or due to one nation's surplus of clones formanufacturing.

The advantages of cloning humans, or at least harvesting their stem cells, relate to the alleviation of human suffering; this is "therapeutic cloning." Drug testing on clones would be safe and efficient. This therapy could end Diabetes I and Parkinson's Disease. Burn victims could be healed; heart disease might end; lung disease greatly reduced; spinal cord injuries repaired; and arthritis symptoms eliminated. Cord blood cells, from stem cells, could be used to treat sickle cell disease, Multiple Sclerosis, and Alzheimer's disease. A huge web site which lists all stem-cell trials and protocols is ClinicalTrials.gov.

Infertility solutions for humans is called IVF. IVF, or In vitro Fertilization, creates thousands of

surplus human embryos; in Australia alone, there exists many thousands alone. Are they kept in pastel Petrie dishes?

Bioethicists and medical researchers debate the destruction of these embryos, as opposed to the use of them in other, important research.

Many religious, Catholicism excepted, believe the embryo's status to exist on a gradient-the embryo can be harvested before fourteen days. And, specifically, Islam and Judaism hold that an embryo has no status before forty days. Researchers in both science and medicine proved that up to one-third of all products of human conception are passed from the female body, unknown to the female.

If desired medical progress faces concerns for human safety and protection of life and society, it does force a powerful debate-however, trembling and expectant Alzheimer's victims could use the legal, unwanted products of In Vitro Fertilization in a new, promising therapy; isn't it final-debate time, now?