ADULT STEM CELLS

David Prentice

Adult stem cells
- Derived from body tissues; e.g., bone marrow, blood, muscle, umbilical cord blood, placenta, amniotic fluid
- Can be derived from any age (babies, children, adults)
- Harvested without harm or destruction of stem cell donor
- Patient can use own adult stem cells—no transplant rejection
- No tumor formation
- Currently treating patients successfully

Successful, Ethical Treatments for Patients Now
- Over 70 human diseases and injuries successfully treated with adult stem cells. See http://stemcellresearch.org/facts/treatments.htm
- Documented improvement in patient health (not yet all “cures”)
- Effectiveness validated by published peer-reviewed scientific evidence
- Treating diseases now, including various cancers and leukemias, heart damage and chronic heart failure, sickle cell anemia, multiple sclerosis, juvenile diabetes, systemic lupus, spinal cord injury, new cornea growth to treat blindness
- Over 50,000 patients treated each year around the world
- Over 2,000 human clinical trials

Focus on the Patients First!
Put resources where they will help patients—Adult Stem Cells

Stem Cell Research Facts  http://www.stemcellresearchfacts.org/
Videos of patients treated for Sickle Cell Anemia, Spinal Cord Injury, Scleroderma

Disease: Systemic Scleroderma
“Turns People Into Stone”
Prognosis: Fatal Within Five Years
Treatment: Adult Stem Cell Transplant
Results: Near Complete Recovery

Amy Daniels - Treated with Adult Stem Cells
Condition: Spinal Cord Injury  
Prognosis: Quadriplegic -- Paralysis from the neck down  
Treatment: Adult Stem Cell Transplant  
Results: Significant Feeling & Movement in Body

Laura Domínguez - Treated with Adult Stem Cells

Disease: Sickle Cell Anemia  
Prognosis: Fatal Within Ten Years  
Treatment: Cord Blood Adult Stem Cell Transplant  
Results: Complete Recovery

Joe Davis, Jr. - Treated with Cord Blood Adult Stem Cells

Additional information and background  
http://www.frc.org/life--bioethics#stem_cells