GROUP CAVEAT EMPTOR (LET THE BUYER BEWARE)

1. Hospital de Egaz Moniz  
   Dr. Carlos Lima  
   Rua da Junqueira 126  
   Lisbon, Portugal 1349-019  
   351-21-365-0001  
   crlima@clix.pt  
   www.apssci.org/pdf/olfactory.pdf  
   
   Use of autologous olfactory cells through laminectomy and myelotomy 2001-2008 for successful spinal cord injury repair. Unique method harvests 25% of olfactory tissue, then dissected into small pieces and immersed into patient’s cerebrospinal fluid, then implanted into spinal cord. Intends to begin with ALS patients in 2009. Plans to do so in other country due to Portuguese administrative delays. Estimated cost $40,000 - $50,000 US.

2. BrainStorm Cell Therapeutics Ltd.  
   Dr. Daniel Offen  
   Dr. Eldad Melamed  
   Tel Aviv University  
   12 Bazel St., POB 10019 Kiryat Aryeh  
   Petach Tikva, Israel 49001  
   110 East 59th Street  
   New York, NY 10022  
   212-557-9000  
   info@brainstorm-cell.com  
   www.brainstorm-cell.com  
   
   Adult autologous mesenchymal stem cell transfer using “NurOwn” technology that produces GDNF. 2003-2008 research efforts currently using rat models, recent collaboration with Bob Brown of Harvard Medical School. Recently began extraction and freezing of Israeli ALS patient bone marrow for intended culture and injection within next several months. No cost estimate available.

3. Beijing Rehabilitation Center  
   Beijing Hongtianji Neuroscience Academy  
   Dr. Hongyun Huang  
   Shijingshan District, Beijing 100144, China  
   86-10-51625952  
   hongyunh@gmail.com  
   www.nrrfr.com (Neuro-Regeneration, Repair and functional Recovery)  
   www.lanr.org.en (International Association of Neuronal Restoration)  
   
   Human olfactory ensheathing cells extracted from newly-aborted fetuses and cultured, then injected into cerebral frontal lobes and subarachnoid space in spinal
cord through lumbar puncture. Began procedure November 2003 and continues to present time. Widely criticized for lack of following and recording patient results, continuing procedures in face of negligible or little provable benefit. Significant percentage of patient death shortly after surgery. Estimated cost $22,000 US.

4. Beike Biotechnology Co, Ltd.
Dr. Sean Hu
W400, IER Building, South Area, Shenzhen Hi-Tech Industrial Park
Guangdong Province, China
86-755-86110575
877-2stemcells
Kirshner.ross@gmail.com
www.beikebiotech.com

Treatment protocol consists of multiple injections of stem cells extracted from human umbilical cord blood, injected both intravenously and through lumbar puncture and/or autologous mesenchymal cell transfer through lumbar puncture. Claims to have performed procedure on ALS patients since 2001 but I believe their first AL activity was in 2005 when they contacted me for support in their then-new efforts. Provides wide range of specific plans at costs from $20,000 - $40,000 US. No demonstrable beneficial results to date.

5. Sourasky Medical Center, Ichilov Building
Dr. Shimon Slavin
6 Weizman St. Tel Aviv 64239
011-972-3-697-4010
slavinmd@gmail.com
www.tasc.org.il

State of the art technologies to procure, select and manipulate blood, bone marrow and cord blood-derived stem cells and lymphocytes for adoptive cell-mediated immunotherapy of cancer, induction of transplantation tolerance to bone marrow and organ allografts and regulation of autoimmune diseases. Dr. Shimon Slavin, formerly of Hadassah University Hospital, Jerusalem, is a notable oncological surgeon. He has attempted 20-25 ALS procedures in 2004-2008 with little or no success, using autologous mesenchymal stem cell transfer injected both through IV and lumbar puncture. Extraction is done in Tel Aviv and implantation is thereafter done on an out-patient basis in Istanbul. Estimated cost $16,000 US.

6. Fundacion Don Roberto Fernandez Vina
Dr. Roberto Fernandez Vina
fundfernandezvina@hotmail.com
Miter 357, (2900) St. Nicholas
Buenos Aires, Argentina
3461-429968
Walter Trotter, contact
Dorauno44@hotmail.com
www.fundacionfernandezvina.org
Dr. Fernandez Vina is a notable cardiac surgeon practicing in Buenos Aires and authorized by the Ministry of Health to implant artificial hearts beginning in 2001. After pursuing an autologous mesenchymal cell transplant procedure through intravenous injection or catheter to treat cardiac disease, he recently expanded that procedure to treat ALS. He claims to have treated approximately 30 ALS patients between 2006 – 2008 with a "success ratio of 85%." I feel the time frame is too short, the results unverified, and the success statement too vague to suggest any aggressive pursuit at this time. Patients are treated in both Buenos Aires and El Salvador. Further research continuing. Estimated cost $19,000 US.

7. X-Cell Center Institute for Regenerative Medicine
   Eduardus Hospital Institute of Regenerative Medicine
   Cologne, Germany
   Dr. Cornelis Kleinbloesem
   49-221-8025-095
   J.D. Lenner, US contact
   866-680-8282
   jlenner@call-center.com
   www.xcell-center.com

   Autologous mesenchymal cell transplant through lumbar puncture. Claims to have treated approximately 60 ALS patients between 2004 – present with claimed improvement in 20 patients, no change in 16. Estimated cost $10,000 - $15,000 US. Research continuing.

8. EmCell
   Dr. Alexander Smikodub
   Kiev, Ukraine
   38-044-249-7828
   infocenter@emcell.com
   www.emcell.com

   Embryonic Stem Cell Transplants (ESCT) and autologous mesenchymal transplants through subcutaneous, intravenous and intrathecal injections. Claims to have successfully treated 62 ALS patients 1995 – present. Provides extensive, but highly subjective and unconfirmed, reports of successful treatment. Provides stem cells to other off-shore clinics. Estimated cost $16,000 - $24,000 US.

9. Hospital San Jose-TEC de Monterrey
   Monterrey ITESM School of Medicine
   Dr. Enrique Caro
   Dr. Hector Ramon Martinez
   Dr. Gutierrez
   Centro Medico San Francisco
   Loma Grande 2717 P.B. 15
   Col. Lomas de San Francisco
   Monterrey, Nuevo Leon, Mexico 64710
   011-52-81-8346-32-92
   ecaro@itesm.mx
   drhectormtz@yahoo.com
Subcutaneous Neupogen bone marrow stimulation, followed by apheresis to obtain autologous CSF through lumbar puncture. Cultured with CD-133 and isolated in magnetic field. Stem cells transplanted bilaterally into frontal motor cortex. No cost estimate available.

10. TheraVitae Ltd. Life Sciences
    Dr. Tzvi Stern, CEO
    7 Pinhas Sapiar Street
    P.O. Box 4049
    Ness Ziona, Israel 74410
    972-8-909170
    enquiries@theravitae.com
    888-410-0920
    www.theravitae.com

Through TheraVitae’s patented VesCell technique, cells are isolated from the patient’s own blood, processed outside of the body and then administered intravenously after significantly expanding the level of Angiogenic Cell Precursors (ACP’s). Successfully trialed for heart disease, TheraVitae expects to use VesCell for ALS in 2009 with treatment in Thailand. Estimated cost $36,000 - $40,000 US.

11. Regina Mater Institute Clinic
    Dr. Gustavo Moviglia
    1777 Coronel Diaz, 5th Floor
    Buenos Aires, Argentina 1245

The use of co-cultured stem cells with autoimmune T-cells injected intravenously. Approximately 5 – 10 patients treated 2004 – present, no reported positive results. Estimated cost is $50,000 - $125,000.

12. TriStem (London, UK) through Healthcare Solutions International
    Tariq Mumtaz, Managing Director
    82/c, 3rd Floor
    11th Commercial Street
    DHA, Phase 11 Extension
    Karachi 75500, Pakistan
    9221-539-1561
    tmumtaz@hsipl.com
    www.hsipl.com

Autologous stem cells harvested from patient’s blood using TriStem’s patented retrodifferentiation process (creating stem cells from mature blood cells), then injected intravenously. The process is not yet proven, still in Phase 1 US trial, and is planned for aplastic anemia initially. No cost estimate available.
13. **Biotechnology Center**  
Dr. R. Ravi Kumar  
Chenai, India  
Pierantonio Russo, MD (US Contact)  
1-888-268-3470  
Pierantonio.Russo@Temple.edu  
Cardiovascular Cell Therapy

Autologous mesenchymal transplant of CD 34 and CD 133 cells into spinal cord through lumbar puncture. Claimed “60% improvement rate retained after one-year observation.” This and other claims for spinal cord injury found to be untrue. Dr. Russo now refuses to answer further questions.

14. **BiomarkInternational (aka Advanced Cell Therapeutics)**  
US/CANADA/UK/Netherlands/South Africa/Seychelles  
2002-2006  
Laura Brown aka Jean Castle  
Steven van Rooyen aka Sebastian Carlyle

Shut down as fraudulent by the FDA and equivalent agencies in all countries of prior operation. BioMark subcutaneously injected cells cultured in fetal bovine serum into the abdomens of more than 800 patients. Principal released on bail in South Africa 2006 and still successfully fighting extradition to US on 51 counts of fraud as of March 8, 2008.

15. **Medra, Inc.**  
Malibu, CA (Performs surgical procedures in La Romana, Dominican Republic)  
Dr. William C. Rader  
http://www.medra.com

Intravenous fetal cell injections generally using cells provided by EmCell (Kiev, Ukraine) or Kharkov Medical University’s Institute for Problems of Cryobiology and Cryomedicine (Kharkov, Ukraine). Former psychiatrist, eating disorder clinician. Claims to cure virtually all diseases through single injection of human fetal cells.

16. **Eden Laboratories Ltd. aka StarCapital Corp**  
Frederick House, 3rd Floor  
Frederick Street  
P.O. Box N-1985  
Nassau, Bahamas  
242-325-0120  
www.edenlaboratories.net

Mitchell J. Ghen, D.O. has a long history (1993-present) of medical malpractice. His use of unverified human umbilical cord blood, with resultant ALS patient death and disrepair, has occurred in South Carolina, North Carolina, Florida, Georgia, Mexico, Belize and most recently as chief clinician of Eden Laboratories in Nassau, Bahamas.