Stem Cell Therapy
For Autism & Neurological Disorders

Richard A. DeAndrea MD, ND
Medical Director
Immune System

T Cells  B Cells

Macrophages
What is Autism?

Neural dev. disorder-socialization, communication, anxiety, behavior, gate, digestive, metabolic and immune issues.

CAUSE: Genetic vs Epigenetic- vaccines (thimerasol), anti depressants, pesticides, etc.

EPIDEMIC: US 1 /110 vaccinated develop AUTISM between 1996 and 2007…highest jump… vaccine gamble!

CONTROVERSY?
Wakefield AJ. MMR vaccination and autism. 

Lisa A. Cohen, PhD. Antidepressant (SSRI) During Pregnancy. And Autism Spectrum Disorders *Arch Gen Psychiatry.* July  2011.

“Vaccinations cause autism, the link is clear. The autism blame falls on the govt’ and it’s efforts to cover their tracks”

Robert F. Kennedy Jr.
Speaking on msnbc
June 2005
Thimerosal causes cellular and mitochondrial damage, reduced oxidative-reduction, cellular degeneration, and death. It causes significant cellular toxicity in human brain and fetal cells.
3 Sources: How to Choose?

Umbilical
- Low Numbers
- Proven Research
- Not Autologous
- Expensive
- May Work

Marrow
- Low Numbers
- Proven Research
- Maybe Autologous
- Expensive
- May Work

Adipose
- High Numbers
- Proven Research
- Is Autologous
- Affordable
- It Works
  (Fat Already in Brain)
Three Main Countries

X-Cell Therapy:
- bone marrow,
- closed office due to medical-legal issues

Beike Biolabs:
- umbilical cord, patients must stay 4 weeks minimum. No data

Using fat, only one with trial data, patient stays weekend or referred to 24 countries in the network
Evidence of Cause and Effect

Umbilical Cord: 44 pieces of peer reviewed research available on pubmed “umbilical cord stem cells”

Bone Marrow: 1462 pieces of peer reviewed research available on pubmed “bone marrow stem cells”

Adipose: 180 pieces of peer reviewed research and clinical trails. “adipose stem cells”

Stem cell therapy for autism.
Ichim TE, Solano F, Glenn E
Medistem Laboratories Inc, Tempe, Arizona, USA.

**Presently in publication on the largest clinical trial completed. EU FDA in Greece with Dr. Bouros, Harvard and Dr. Kouliakis, BioHellineka Bank….75% of children back in regular school…all children improved…better mood, eye contact, playing free of direction, no random emotional outbreaks, less abdominal pain…the parents are very happy!”
Repair Cells of the Body

Adult Stem cells

Bone Stem Cells
Generate multiple human tissues

- Skeletal Muscle and Cardiac Cells
- Endothelial Cells
- Bone and Cartilage
- Epithelial Cells
- Neuronal and Glial Cells

Bone Marrow
Bone Grafts
Joint Reconstruction

Parkinson's Disease
Myocardial Infarction
Diabetes
Osteoarthritis
Limb Ischemia
Sources of Mesenchymal Stem Cells

Bone Marrow
Harvested from brave medical students!

Adipose Tissue
Liposuction or gastric bypass surgery
Adipose Derived Stem Cells: Got Fat?

Number of Osteoprogenitor Cells per cc

<table>
<thead>
<tr>
<th>Progenitor Stem Cell Frequency</th>
<th>Marrow</th>
<th>Adipose</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.002%</td>
<td>8,000</td>
<td>8,000</td>
</tr>
<tr>
<td>2.0%</td>
<td>7,000</td>
<td>7,000</td>
</tr>
<tr>
<td>0.002%</td>
<td>6,000</td>
<td>6,000</td>
</tr>
<tr>
<td>2.0%</td>
<td>5,000</td>
<td>5,000</td>
</tr>
<tr>
<td>0.002%</td>
<td>4,000</td>
<td>4,000</td>
</tr>
<tr>
<td>2.0%</td>
<td>3,000</td>
<td>3,000</td>
</tr>
<tr>
<td>0.002%</td>
<td>2,000</td>
<td>2,000</td>
</tr>
<tr>
<td>2.0%</td>
<td>1,000</td>
<td>1,000</td>
</tr>
</tbody>
</table>
Stem Cell Therapy is NOW!

Clinical Trials and approvals are global
There are over 2500 clinical trials using Adult Stem Cells underway in the United States alone.

1. Harvest
2. Separate
3. Activate
4. Return
5. Remedy
6. Bank
Implantation of Low-Level Laser Irradiated Mesenchymal Stem Cells into the Infarcted Rat Heart Is Associated with Reduction In Infarct Size and Enhanced Angiogenesis

Hana Tuby, M.Sc., Lidya Maltz, M.Sc., and Uri Oron, Ph.D.

Photomedicine and Laser Surgery Volume 27, Number 2, 2008
Adipose Stem Cell Activation

Stem cells in fat are dormant: Various frequencies of light activate, wake up or energize them into action!
Effect of PRP and LED Light

Non-activated stem cell colonies

Stem cell colonies after activation with PRP + LED
Injury & Degeneration Secretes Messages

Chemokines & Cytokines

Circulating Stem Cells attracted to injury

Area of injury secretes Chemokines

Adult Stem Cell

Chemokine Receptors
Stem Cells Attracted By

Chemokines & Cytokines; Signals in the Serum

Stem Cells respond to injured or damaged tissue, homing
Activated Stem Cells

For TBI 99mTc-HMPAO-labeled ADSCs administered by I.V. after activation (PRP+Laser)
Indium

111 Stem Cell Scintigraphic Detection in a case of a 14 year old boy with Cerebral Palsy
Give to Child via IV Drip
Multiple Dosing is it Necessary?

Repeat doses – thaw cells and administer to patient

Doctor prescribes repeat doses, patient or condition specific protocols.
Neural Conditions Treated

- Autism
- Duchene’s Muscular Dystrophy
- Alzheimer’s
- Cerebral Palsy
- Parkinson’s
- Stroke & Ataxia
- Traumatic Brain Injury
- Cerebellar Atrophy
Many clinical trials underway on autism and stem cells.
Dear GSCN team,

Great to hear from you!

“Last night in the car, Julia shocked us by saying, "Stem cells help my brain. I feel better." :)

Pretty neat! At this moment, now, she is telling me, "I feel happy. I feel good in my bones."

Dr. Anthony
“my son called me for the first time on the telephone.”

Thanks to a New Stem Cell Therapy, a 9-year Old Autistic Boy Talks to his Father for the First Time

Tue Apr 13, 3:01 am ET

Autism in children has increased dramatically around the world since the 1980's and is now a major health concern with no known cure. The causes of autism are hotly debated, but a new stem cell treatment has begun to demonstrate significant results.

Athens, Greece (PRWEB) April 13, 2010 -- Following remarkable improvement in the condition of
Completed Trial 28 Autism Patients

Dr. Koliakos, Dr. Bourros – Greek TV

"Considering the autism trial, I met with Doctors in Athens yesterday, they said all children (28) are better. Parents are satisfied, all psychological tests before and after treatment, spasticity is decreased in all children and much less aggressiveness"

More stable mood  More stable behaviour  More stable digestion  More Focus/Eye Contact
## Integrative Approach: the Middle Path!

<table>
<thead>
<tr>
<th>Neuro</th>
<th>Digestion</th>
<th>Toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADSC therapy</td>
<td>Parasite/funga</td>
<td>Chelate</td>
</tr>
<tr>
<td>Myer’s cocktail</td>
<td>Probiotic</td>
<td>Chlorella</td>
</tr>
<tr>
<td>Glutathione</td>
<td>Gluten free</td>
<td>Silymarin</td>
</tr>
<tr>
<td>HBO2</td>
<td>Wheat grass</td>
<td>Ginseng</td>
</tr>
<tr>
<td>Cysteine, methionine</td>
<td>Colostrum</td>
<td>Schizandra</td>
</tr>
<tr>
<td>Check TFT</td>
<td>ALCAT test</td>
<td>AFA</td>
</tr>
<tr>
<td>5-HTP</td>
<td>VitB12</td>
<td>Infrared</td>
</tr>
<tr>
<td>SAME</td>
<td>Folate</td>
<td>Epsom Baths</td>
</tr>
<tr>
<td>SOD</td>
<td>C4M peptide</td>
<td>Structural: Chiro</td>
</tr>
<tr>
<td>Omega</td>
<td>Iron</td>
<td>GcMAF</td>
</tr>
<tr>
<td>Homeopathy</td>
<td>Accu/Herbs</td>
<td></td>
</tr>
<tr>
<td>BioFeedback</td>
<td>Macro diet</td>
<td></td>
</tr>
<tr>
<td>Behaviour therapy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hypnotherapy</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Psychiatric Disorders as Well

Depression, Mania, Schizophrenia…there is hope?

Cortical interneurons from human pluripotent stem cells: prospects for neurological and psychiatric disease.
Arber C, Li M.
Related citations

Annual Research Review: The promise of stem cell research for neuropsychiatric disorders.

Induced pluripotent stem cells: a new tool to confront the challenge of neuropsychiatric disorders.
Vaccarino FM, Stevens HE, et al.
Neuropharmacology 2011 Jun:1355-63
Its’ a wonderful time for the stem cell field. Keep your seat belt on, because this ride is going to be wild

David Scadden
Co-Director Harvard Stem Cell Institute
*February 2009*
GcMAF
For Autism & Neurological Disorders

Richard A. DeAndrea MD, ND
Medical Director
What is It?
A protein with three sugars, or glycoprotein. Second Generation 200x more powerful
Embedded in Oleic acid insures cellular activation. Original Source of serum: American Red Cross

Salivary enzyme--- **Gc-protein**…**GcMAF** forms in gut---oleic supplied by liver…**GcMAF-OLEIC**…is bio-identical compound.


**GcMAF-Oleic** is the key for gut and immune surveillance!
Bacteria  
Virus  
Cancer  

de-Activated Macrophage  

Gc-MAF  

Vitamin D Binding Protein  
Nagalase  

The No Immune System  

Gc-MAF
Activated Macrophage Fight Cancer
Reduces blood vessels to neoplasm by 50% in 3 weeks.

GcMAF, as 2nd generation Goleic is 200x more powerful:

- Improves neuronal protection and production.
- Increases energy at mitochondria level.
- Inhibits overall inflammation at cellular level.

GcMAF is deficient in cancer, AIDS, resistant infection and chronic degenerative inflammatory diseases.

It is Holistic, complimentary, symbiotic with all therapies.
Is There any Evidence?

Over 150 peer review publications found at gcmaf.asia
Only GcMAF product with published evidence.
Only GcMAF with over 6,000 patients in 30 countries.

German Nutraceutical/Orphan drug approved!

What is the evidence for Autism Spectrum Disorder (ASD)?

A Gut, Immune, Central Nervous System inflammatory disorder, with PTSD: This is agreed.
Treatment needs to focus in these areas:
ASD, Gut issue: digestion/allergy/leaking?
Fix/leak/floura/digestion = increase healing response
ASD, Immune issue: Inflam/reactive/hyper
Correct immune feedback cycle
ASD, Neuro issues: Mood/Dev. Delay/”drunk” behavior
Reduce reactive inflammation in CNS
Think Twice: How the Gut's "Second Brain" Influences Mood and Well-Being
Abnormalities in the gut alter mood and behavior

Macrophages of the mucosa-associated lymphoid tissue (MALT) as key elements of the immune response to vitamin D binding protein-macrophage activating factor

Stefania Pacini, Tiziana Punzi, Gabriele Morucci, Marco Ruggiero
When a person, especially a child, does not have balanced healthy micro-biome health problems occur:

<table>
<thead>
<tr>
<th>diarrhea</th>
<th>flatulence</th>
<th>constipation</th>
</tr>
</thead>
<tbody>
<tr>
<td>vaginitis</td>
<td>lactose intolerance</td>
<td>food allergies</td>
</tr>
<tr>
<td>bloating</td>
<td>indigestion</td>
<td>&quot;brain fog&quot;</td>
</tr>
</tbody>
</table>

When there is an imbalance in the gut flora, it can lead to various health issues such as diarrhea, flatulence, constipation, vaginitis, lactose intolerance, food allergies, bloating, indigestion, and "brain fog."
When the gut micro-biome is established with GcMAF-Goleic these needed affects are enhanced:

<table>
<thead>
<tr>
<th>control of unwanted pathogens in the gut</th>
<th>synthesis of many neurotransmitters</th>
</tr>
</thead>
<tbody>
<tr>
<td>regulation of inflammation and immunity</td>
<td>liver health and detoxification pathways</td>
</tr>
<tr>
<td>synthesis of vitamin K and biotin</td>
<td>regulation of hormonal metabolism</td>
</tr>
<tr>
<td>enhanced mineral bioavailability</td>
<td>blood sugar and appetite regulation (weight control)</td>
</tr>
</tbody>
</table>

American Journal of Immunology 9 (3): 78-84, 2013
ISSN: 1553-619X
©2013 Science Publication
doi:10.3844/ajisp.2013.78.84 Published Online 9 (3) 2013 (http://www.thesci pub.com/aji.toc)

**THERAPEUTIC EFFECTS OF HIGHLY PURIFIED DE-GLYCOSYLATED GCMAF IN THE IMMUNOTHERAPY OF PATIENTS WITH CHRONIC DISEASES**
Regulates immune function:
Autism Insights 2012:4(31)
Bradstreet, J. et al.
Initial Observations of elevated Alpha--Acetylgalactosaminidase Activity Associated with Autism and Observed Reductions from GC Protein—Macrophage Activating Factor Injections
Clear evidence GcMAF controls Nagalase, an enzyme elevated in ASD, measurable with symptom improvement!

The following chart is a summary of the many medical mysteries that involve significant immune dysfunction:

<table>
<thead>
<tr>
<th>AIDS</th>
<th>Cancer</th>
<th>Autism</th>
<th>Crohn's Colitis</th>
<th>Psoriasis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chronic Fatigue</td>
<td>Fibromyalgia</td>
<td>Candidiasis</td>
<td>Rheumatoid Arthritis</td>
<td>Heart Disease (?)</td>
</tr>
<tr>
<td>MS</td>
<td>Lupus</td>
<td>Severe IBS</td>
<td>Parkinson's</td>
<td>Obesity (?)</td>
</tr>
</tbody>
</table>

It turns out that there is a nemesis enzyme at work that is also activated by viruses, cancer, and the very causes of chronic inflammation in the first place. The very conditions that are begging for a more effective natural therapy actually sabotage the Gc before it can be activated to GcMAF. This nemesis enzyme's technical name is: alpha-N-acetylgalactosaminidase—mercifully abridged to the name NAGALASE.

GcMAF is essential for activation and control of immune response, when deficient Mast Cells have effects linked to mild encephalopathy.
Review

Mast cell activation and autism

Theoharis C. Theoharides a,b,c,d,e,* Asimenia Angelidou a,e Konstantinos-Dionysios Alysandratos a,e Bodi Zhang a,b Shahrzad Asadi a Konstantinos Francis f Elena Toniato g Dimitrios Kalogeromitros e

* Molecular Immunopharmacology and Drug Discovery Laboratory, Department of Pharmacology and Experimental Therapeutics, Tufts University School of Medicine, Boston, MA 02111, USA
b Department of Biochemistry, Tufts University School of Medicine, Boston, MA 02111, USA
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d Department of Psychiatry, Tufts University School of Medicine and Tufts Medical Center, Boston, MA 02111, USA
e Allergy Clinical Research Center, Allergy Section, Attikon General Hospital, University of Athens Medical School, Athens 12462, Greece
f Child Psychiatry Section, Second Department of Psychiatry, Attikon General Hospital, University of Athens Medical School, Athens 12462, Greece
g Department of Experimental Medicine and Oncology, Chieti Medical Center, Chieti 67100, Italy
Parts of the Brain Affected by Autism

Cerebral Cortex:
A thin layer of gray matter on the surface of the cerebral hemispheres. Two thirds of this area is deep in the tissues and folds. This area of the brain is responsible for higher mental functions, general movement, perception and behavioral reactions.

Amygdala:
This is responsible for all emotional responses including aggressive behavior.

Basal Ganglia:
This is gray masses deep within the cerebral hemisphere that connects the cerebrum and the cerebellum. It helps regulate automatic movement.

Hippocampus:
This makes it possible to remember new information and recent events.

Corpus Callosum:
This consists of closely packed bundles of fibers that connect the right and left hemispheres of the brain and allows them to communicate with one another.

Brain Stem:
The Brain Stem is located in front of the cerebellum and serves as a relay station, passing messages between various parts of the body and the cerebral cortex. It controls the primitive functions of the body essential to survival including breathing and heart rate.

Cerebellum:
This is located at the back of the brain. It fine tunes motor activity, regulates balance, body movements, coordination and the muscles used for speaking.
Inflammation From Gut to Brain

- Susceptibility Genes
  - Maternal Immune/Allergic diseases
  - IL-6
  - IL-8
  - TNF
  - Maternal CRH NT
  - Prematurity

- Allergies/food intolerance
  - IgE
  - IgG_4

- Infections Oxidative stress

- Mast Cell Activation
  - CRH NT

- Non-immune environmental mast cell triggers

- Mast cells
  - Extracellular mitochondria
  - Gut-Blood-Brain Barrier Disruption

- Autoimmunity Neurotoxins

- Brain Inflammation

- Autism
There is a clear connection between gut response, immune function, even in-utero and resultant brain inflammation is passed to child.

The Mother Immune-Child Brain connection.
Siniscalco et al. Journal of Neuroinflammation 2014, 11:78
The in vitro GcMAF effects on endocannabinoid system transcriptionomics, receptor formation, and cell activity of autism-derived macrophages

Clinical evidence GcMAF-Goleic activates neuronal cross-linking of Perkinje fiber needed for regeneration, control of microglia to prevent swelling and increase right-left brain connection….the mind?

The child may have no mind, literally.
All disease is best attended through immune and neuro-response correction, simultaneously: What is GCMAF’s role in immune regulation of stem cell regeneration?


Hedgehog-dependent down-regulation of the tumor suppressor, vitamin D3 up-regulated protein 1 (VDUP1), precedes lamina development in Drosophila.

*Chang S¹, Mandalaywala NV, Snyder RG, Levendusky MC, Dearborn RE Jr.*

This research showed down regulation of Vit D receptors, when GcMAF is deficient. This inhibits neuron and stem cell regeneration.
Positive Prognosis in 85% of Cases

With Lasting Benefits

- HIV
- ALS
- Alzheimers
- Autism
- Autoimmune
- Cancer
- Colitis
- Crohns’ disease
- Depression

- Fibromyalgia
- HIV
- Kidney CKD
- Liver Disease: cirrhosis
- ME/CFS
- Multiple Sclerosis, MS
- Parkinson’s
- Psoriasis
- Chronic infections
A new methodology of viewing cortical abnormalities in children with autism via transcranial ultrasonography
James Jeffrey Bradstreet, Stefania Pacini and Marco Ruggiero

Journal Name: Frontiers in Human Neuroscience
ISSN: 1662-5161
Article type: Original Research Article
First received on: 29 Sep 2013
Frontiers website link: www.frontiersin.org

do:10.1093/brain/awt166

Early brain enlargement and elevated extra-axial fluid in infants who develop autism spectrum disorder
Mark D. Shen,1 Christine W. Nordahl,1 Gregory S. Young,1 Sandra L. Wootton-Gorges,2 Aaron Lee,1 Sarah E. Liston,1 Kayla R. Harrington,1 Sally Ozonoff1 and David G. Amaral1
We have 3,500 autistic kids on GcMAF-Goleic, 500 have made a full recovery.

We supply 8,000 people, via 350 doctors GcMAF-Goleic world-wide.
Results Reported Dr. Bradstreet, Autism expert:

Treated over 2,000 autistic children with our GcMAF-Goleic 85% improve, and of them 15% have their condition reversed.

Dr Bradstreet has published two papers:

1. “Initial Observations of Elevated Alpha-N-Acetylgalactosaminidase Activity Associated with Autism and Observed Reductions from GC Protein—Macrophage Activating Factor Injections”

Dario Siuscalce, J. Bradsreest, Nicola Autonucci, et al.

Ground Breaking Studies that providing a measurable to track progress, Nagalase vs GCMAF.
MMR vaccine related inflammatory effects reversed by GcMAF-Goleic!
Children responded inside 4 weeks.
Children given 0.25cc GcMAF-Goleic, every three days.
94 families used GcMAF on children afflicted by autism. Children ranged from 3 to 15 years old. 83 of them reported significant improvements, 85% response. Children given 0.25 cc, with increasing doses over weeks. Noticed improvements 3 weeks.

Improvements reported by Parents:

1. **Cognitive:** improve attention, focus, learning, understanding, self-awareness.
2. **Communication:** receptive and expressive to new language skills.
3. **Social:** willing to interact and communicate with peers.
4. **Behavioral:** less hyperactive, less stereotypical, more cooperative and compliant. Some hyperactivity, minimal.
Case Studies
GcMAF for Autism & Neurological Disorders
Case Study-1

6 Years Old Male, 30 kg.
Dx of Autism. 15 units/week of GcMAF. 12 weeks of treatment.

More attentive and receptive. Increase in verbal imitation and appropriate spontaneous use of words, increase the vocabulary of words correctly used (from 2-3 words to 40 words). Better pronunciation and articulation of words. Increasing dosage showed rare episodes of aggression.
6 Years Old, 20kg, Dx of PPD of Autism Spectrum, 10 units/week of GcMAF for 20 weeks

Much more cooperative and obedient, receptive, language now completely fluent, learning strongly improved. Aggression and negative behaviour completely disappeared.
15 Years Old, male 46 kg.
Dx of Autism with OCD.
18 units in 24 weeks of treatment.

Significant reduction of obsessive-compulsive behaviour (nothing could be moved in room, or he could react with severe tantrums). Aggression completely disappeared.
Case Study-4

7 aa, 25 kg, Dx of Autism.
17 units/week of GcMAF for 16 weeks of treatments.

Hyperactivity completely disappeared, increased focus and attention, increased cognitive function and learning, and able to follow the curricular subjects like his peers. Better pronunciation and articulation of words and sentences. More respectful of rules at school and at home.
F. 21 years old, 103 kg, Dx of Autism.
10 units/week of GcMAF, 10 weeks of treatment.

Severe awakening with loud screams and aggression lessened significantly until he awoke without agitation and aggression. Impulsive and aggression during the day completely disappeared. These improvements allowed the parents to discontinue psychotropic medications that he had been taking for many years.
To Conclude...
Top 5% of Nobel Prize reviewed research world-wide.

GcMAF-Goleic slows rate of aging at genetic code!

The best offense, is a genetic defense.

GcMAF-Goleic (@vdr) interacts with BAG1 and other genes to reduce rates of physical and mental degeneration!
Calcitriol receptor has been shown to interact with

- BAG1,[7]
- BAZ1B,[8]
- CAV3,[9]
- MED1,[8][10]
- MED12,[8][8][10]
- NCOR1,[11]
- NCOR2,[12][11]

- NCOA2,[8][13][14][15]
- RXRA,[16][14]
- RUNX1,[12]
- RUNX1T1,[12]
- SNW1,[16][14]
- STAT1,[17] and
- ZBTB16,[18][12]
Down Regulated Genes of Aging Results

Improved CD4 cell function = more T helpers,

Improved NK cell function = more T Killers, viral load

Improved dendrite function = better memory/apprehension

Increased muscle function = faster twitch/activation

Increased skin, liver and lung function = more effective detox

Increased adrenal function = more vibrant energy

Increased non-expression = less oncogene= less cancer risk!

This core genomic effect may account for the miracles of GcMAF-Goleic.
Sid Effects?

Naturally occurring and already found in the human body

Very high dosages no side effect or reaction

Body will use the GcMAF as needed, like Vitamin C

There is no overdose

No drug interaction or interruption of other treatments

Complimentary to all therapies!
What are the Regulations?

It is approved for use in the EU, Switzerland and the US. Known to US FDA, US National Cancer Institute and NIH. It has no known negative side effects or reaction to be noted. There is no reaction to subcutaneous administration. TMP and GMP certificates provided upon request. German nutraceutical/Orphan drug approval provided. The substance is being registered for approval in Thailand.
May be given orally, SQ, SM, Nebulised or Functional Food
What Makes This Product The BEST

Published in Peer Review
Pre Tested Before Release
TMG and GMP Certificates
Open to Testing Contents
Results and Protocols
Known to the USA NCI
Evidence of Cancer Cure
Evidence of Genomic Effects
Stem Cell Therapy & GcMAF
For Autism & Neurological Disorders

Richard A. DeAndrea MD, ND
Medical Director