



Memon Umwelttechnologie GmbH  
Oberastr. 6 a

83026 Rosenheim

Rosenheim, 31/12/2010

### **Double blind study USA**

Dear Sir / Madam,

Regarding your request for an assessment of the double-blind study sent to me, I can comment as follows:

The **question** was, which mechanisms of memon® technology will be effective in biological systems (including humans)?

**The purpose** of the study was to investigate the hypothesis that memon® technology causes a complete corrective response at all levels of the biological system to persons harmed by information-carrying radio waves (ICRW) from mobile phones.

The so-called Bioenergetic Loop is used as a model to represent the connection between cells and environment, presented in six stages (cell - tissue - organ - organ system - organism - supra-organism)



**Test methods:**

To reach all levels of the biological system, various investigations and tests were applied to cells, tissue and organ function, as well as to organ systems, organism and supra-organism:

1. Thio Barbiturate Reactive Species (TBARS) for measurement of lipid peroxidation in the cell and mitochondrial membrane
2. High-temperature TBARS for measuring the systemic oxidative stress level
3. Dihydroepiandrosterone (DHEA) for measuring sympathetic stress-related inflammation
4. Cortisol for measuring the systemic stress response
5. Total antioxidant capacity as a marker of organ system function
6. Blood oxygen as a marker for tissue function
7. Heart rate variability (HRV) for measuring organ function
9. Questionnaires on brain function and sleep quality (organ and organ system function)
10. Neuromotor balance tests (organism function)
11. Applied Kinesiology (Supra-organism, biofield expansion and contraction)

**The results** showed

1. memon® technology has a clearly positive effect on all levels of biological systems (BEL Bioenergetic Loop model). The outstanding, and so far unique, result for environmental technology devices is the protective efficacy on the cellular level.
2. memon® technology has a significant antioxidant and regenerative effect on interrupted cellular communication.
3. memon® technology works both in a biological way and directly energetically.
4. The protective effect of memon® technology is effective in the long-term.



After reviewing the result logs, I can tell you that I think these results are absolutely sensational, because an effectiveness of electro-smog-protective devices at the cellular level has not yet been demonstrated worldwide, in particular the cell and mitochondrial membranes, in the sense of a reduction of the lipid peroxidation (antioxidant effect) known to be caused by electrostress.

Around 80% of all chronic diseases such as cancer, arteriosclerosis, type II diabetes, Alzheimer's disease as well as the degradation and aging of the body are due to oxidation processes in the human body and even in many acute illnesses, inflammations and stress states, free radicals are involved. According to these results, your technology would be universally able to compensate for oxidative stress, as today people are exposed to stressful electrical stress 24 hours a day, both at work and at home, in the car or on public transport.

The investigation proves that using your transformers would reduce the amount of free radicals to benefit humans without sacrificing the benefits of modern technology.

In addition, positive effects of memon technology have been clearly demonstrated on all other levels of the biological system (improved tissue, organ, organ system, organism, supra-organism function).

Therefore, in addition to improved cell performance, an improvement in tissue and organ functions, cognitive performance and the neurovegetative system have also been shown.

I hope that my comments are helpful and I would like to congratulate you on these exceptional study results!

Yours sincerely,

Dr Michael Steinhöfel  
Executive director