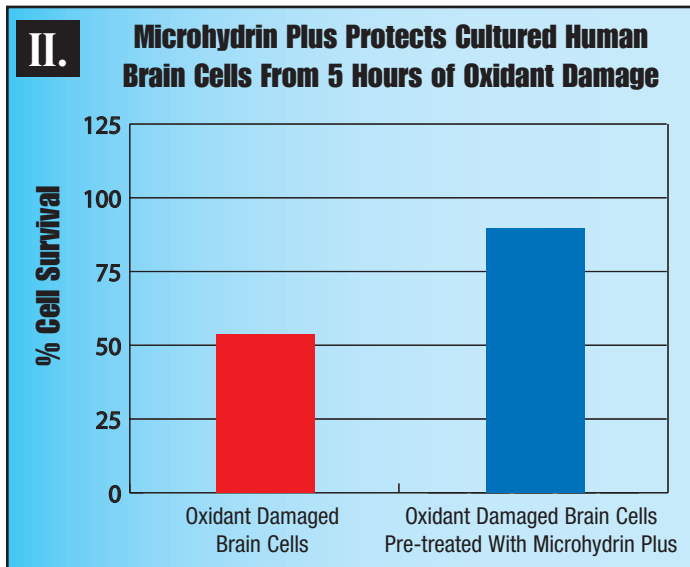
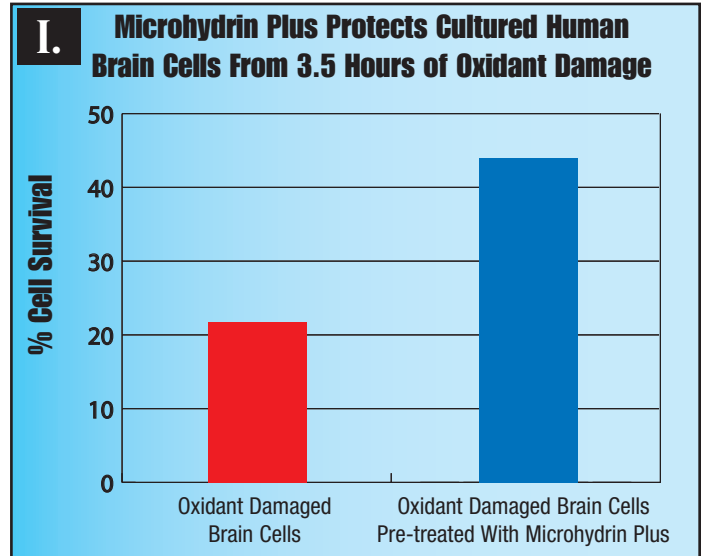


# Medical University Study Showed Microhydrin® Plus™ is Highly Protective of Brain Cells *In Vitro* Against Oxidative Damage

Oxidative damage is thought to be a central cause leading to many neurodegenerative aging processes such as those affecting memory and thinking. Some scientific studies have shown that antioxidants offer protection to brain and nerve cells exposed to oxidative stress.

Microhydrin® Plus™ is a state-of-the-art blend of antioxidants that contains 1.) Green tea extract 2.) N-acetyl l-cysteine 3.) quercetin 4.) alpha-lipoic acid 5.) ascorbic acid 6.) milk thistle extract 7.) niacinamide 8.) selenium amino acid chelate and 9.) Microhydrin®. This study has shown Microhydrin® Plus™ to substantially support the health and metabolism of brain cells in culture.

I. A preliminary *in vitro* study using cultured human brain cells was conducted whereby the powerful oxidant, hydrogen peroxide, was constantly generated using the enzyme, glucose oxidase. The number of cells surviving 3.5 hours of oxidant damage doubled when Microhydrin® Plus™ was added.



II. A secondary set of experiments showed that when brain cells were exposed to severe hydrogen peroxide damage for 5 hours, only 58% of the cells survived. However, 85% of cells survived when they were pre-treated with Microhydrin® Plus™. Brain cells treated with Microhydrin Plus increased their survival substantially.

Dr. Gracy, the researcher, told RBC that he has examined many naturally and synthetically derived antioxidants and he was impressed with the way Microhydrin Plus performed in these experiments protecting cells against hydrogen peroxide.

III. It was also shown that Microhydrin® Plus™ added to brain cells *in vitro* increased their viability and growth by 80%.

“Microhydrin® Plus™ with its unique mixture of selected natural antioxidants and Microhydrin®, seems to be extremely effective in preventing oxidative damage to brain cells.” (Robert Gracy Ph.D. Research and BioTechnology, Associate Vice President, University of North Texas Health Science Center at Fort Worth, TX). Microhydrin® Plus™ contains a proprietary blend of antioxidants that stimulated brain cell growth, enhanced their viability and protected them from oxidative damage.

