



**PL Thomas & Company**  
*Where Food & Health Meet*  
[www.plthomas.com](http://www.plthomas.com)

## NEWS RELEASE

For immediate release: June 25, 2004  
Contact: Paula Nurnberger, ext. 214

### **Study Concludes GliSODin® Protects Against Oxidative Stress in Humans**

#### **First Human Study to be Published in Peer-reviewed Journal**

Isocell (Paris, France) and P.L. Thomas & Co. Inc., (Morristown, NJ) announced today that an important human study done with GliSIODin® has been accepted for publication in a peer-reviewed journal. The double blind randomized study was performed at the University Hospital in Ulm, Germany. It used a well-known and accepted hyperbaric model for oxidative stress. The "comet assay" presented in this paper graphically demonstrates the protective effects of GliSIODin® against the effects of accelerated oxidative stress on nuclear DNA in vivo. The effectiveness of the dosing with GliSIODin® was also supported by the significantly reduced levels of isoprostain in the blood, a recognized measure of cellular oxidative damage.

Prior studies have shown that other types of ingested Superoxide Dismutase (SOD) enzyme are inactivated in the digestive tract. The SOD in GliSIODin® is co-processed with gliadin protein by a patented process. Gliadin has been shown to both protect the melon SOD and increase its effectiveness. The same study showed that a placebo of maltodextrin and gliadin had no protective effects.

GliSIODin® is patented and trademarked by Isocell, Paris, France. It is available as a nutritional raw material exclusively from PL Thomas & Co.,

Morristown, NJ. Numerous animal and human studies support the use of GliSIODin® in nutritional applications. These include: Immune support, Sports nutrition, and Anti-Oxidant.