



For Immediate Release

Deerland Enzymes and Thione International Announce Product Development Alliance. Dr. Theodore Hersh named Chief Science Officer.

December 15, 2010

Enzyme supplier, specialty formulator and contract manufacturer **Deerland Enzymes**, along with healthcare technology company **Thione International, Inc.** announced today the formation of a joint product development alliance. This exclusive alliance will target applications that combine Thione's years of research in antioxidants with Deerland's expertise in multi-component enzyme blends and formulations.

Dr. Theodore (Ted) Hersh was named Chief Science Officer and will work closely with Hilton Dawson, Deerland's Chief Technology Officer, to lead the team's new product development efforts. Dr. Hersh graduated from Harvard University with a Bachelor of Arts Degree. He attended medical school at Columbia University, College of Physicians and Surgeons and completed his postgraduate training in Internal Medicine and Gastroenterology at Mt. Sinai Hospital in New York, The Mayo Clinic in Rochester, Minnesota, and the Boston City Hospital, Harvard Division. Dr. Hersh is a Professor of Medicine, Emeritus, at Emory University School of Medicine in Atlanta, Ga. For 20 years, he was Chairman of Emory's Institutional Review Board for Human Investigation.

"We are truly fortunate to be associated with Dr. Hersh, who has over 30 years of academic medical practice and research experience as a gastroenterologist-hepatologist. He also has vast expertise in antioxidants and enzyme preparations and their clinical applications". "Dr. Hersh will be an invaluable resource to both Deerland and our customers," said Scott Ravech, CEO of Deerland Enzymes. "As Chairman/CEO of Thione International, Dr. Hersh's own research and patented product launches will allow us to focus our new product development efforts in areas that include digestive health, antioxidants, inflammation and recovery," added Ravech.

"It is a privilege to be associated with the fine scientists and professional staff at Deerland and have the opportunity of developing new formulations at their state-of-the art-facility in Georgia," stated Dr. Hersh. "Our goal will be to develop enzyme and antioxidant compositions with significant clinical applications in order to ameliorate a person's gastrointestinal symptoms, improve digestive function and enhance nutrition. We plan to introduce various methods to educate the consumer on the benefits of the formulations." "The alliance of Thione International and Deerland Enzymes will be of great benefit to both companies and we are already working together to accomplish our goals."

About Deerland Enzyme, Inc:

Deerland Enzymes, Kennesaw, GA, offers a broad spectrum of plant, animal, fungal and bacterial-sourced enzymes. All are non-GMO and kosher where applicable. The company specializes in customized formulations, collaborating with customers to develop innovative and often proprietary solutions. Deerland Enzymes also performs specialty contract manufacturing services, including bulk single powders or blends, liquids, hard shell capsules and tablets as well as bottling and labeling.

About Thione International, Inc:

Thione International, Inc., Atlanta, Ga., is a healthcare technology company focusing on the development of applications utilizing a powerful synergistic combination of antioxidants, enzymes and minerals that replicate the body's cellular antioxidant defense network.

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