

A Major Medical Breakthrough ...

(Breast) Milk Proteins To Treat AIDS and CANCER

MONTREAL - May 18 - Doctors have discovered some unique properties of essential milk proteins that promise to revolutionize the treatment of major illnesses including AIDS and Cancer. Recent patents issued in the United States and Australia have substantiated the claims for administering undenatured whey protein concentrate as an effective method for the treatment of HIV-seropositive individuals and cancer patients.

"This breakthrough came as a total surprise to us," confessed Dr. Gustavo Bounous, a career investigator for the Canadian Medical Research Council and who led a team at the Montreal General, a teaching hospital affiliated to the prestigious McGill University School of Medicine.

"We began trying to solve an environmental problem in the disposal of residue from the cheese manufacturing industry in Europe. After two decades, we ended up identifying these remarkable properties of some proteins that, unknown to us, turned out to be the same as three proteins in mothers' breast milk. It was a back-to-nature call.

These three proteins: lactoferrin, serum albumin and alpha lactalbumin, are an exclusive feature of milk and egg white, the only obligatory foods in the early life of mammals and oviparous species. It was indeed a secret of nature; to provide them as the source of effective natural precursors that human cells need to produce an all-important protective ingredient called **glutathione (GSH)**.

Research on glutathione has proliferated for decades. There have been 40,000 such papers referenced on the Internet in recent time. But hardly any clinical applications have been found in medicine until now. By mere coincidence or serendipity, Dr. Bounous and his colleagues discovered this naturally safe, effective and convenient way to increase intracellular glutathione. That has opened a door to the future. Why?

Cells make glutathione as a key player in their own defense and as a principal determinant of the immune response. It is the major internal anti-oxidant, a free radical scavenger and detoxifier, available in protecting them from these common pathways to disease. Clinical applications are now being made in adjuvant therapy to go along with chemo- and radiation-therapy for cancer patients. In AIDS, decreasing viral load, increasing T-cell counts and weight gain have been demonstrated.

As such, AIDS and cancer patients are among the first to see the benefit of modulating glutathione levels. But they are not the last. There are several clinical trials now underway to investigate the benefits in other conditions such as chronic fatigue, inflammatory bowel disease, neurodegenerative conditions and much, much more.

"We foresee the potential applications for the management of many diseases and more so, the maintenance of health and wellness into the next century," declares Dr. Allan Somersall, the co-author with Dr. Bounous of the new book just released, entitled '**Breakthrough In Cell-Defense**', which documents this amazing discovery. "This is clearly the genesis of nutritional pharmacology."

Nature does not reveal her secrets easily, but when found, they are overwhelmingly simple yet profound. These unusual properties of milk proteins clearly demonstrate that fact.