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As the industry continues to evolve, customers continue to be bombarded with a plethora of products and brands, understanding quality and efficacy is not always an easy sell...

As leaders in the industry, research supported product innovation can be an effective strategy to fortify your position, while increasing your market share.

**Market fortification, innovation, and differentiation through condition specific, proprietary, patented products by Nuumara, solely distributed in the E.U. and UK through**



**REAL SCIENCE. REAL RESULTS.**



## DAILYDEFENSE



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LEADERS IN PRODUCT INNOVATION



### IMMUNIDIOL™ - PATENTED, PROPRIETARY C. A. MEYER PANAX GINSENG EXTRACT/GINSENOSE METABOLITE, PROPRIETARY ASTRAGALUS POLYSACCHARIDE (AP) EXTRACT

Therapeutic Dose Proprietary Ginsenoside Metabolite ..... 50mg

Therapeutic Dose Proprietary Astragalus Polysaccharide (AP) Extract ..... 21mg

**Immunidiol™ demonstrates superior strengthening of the immune system with immune modulating functions that also improves one's ability to adapt to stress. Modulating immune functions is a critical component to health, it's the ability of your immune system to modify, adjust, or regulate your immune response to a desired level.**

#### HIGHLIGHTS

- Proprietary and Patent Protected
- Daily Immune Optimizer
- Clinically Proven
- Immunomodulatory Activities
- Helps Support a Healthy Immune System
- Improves Both Cellular and Hormonal Immunity
- Increases Phagocytic Activity and Elevates Levels of Cellular Factors for Enhanced Immune Response
- Is a Potent Triggering Agent of the Immune Defense System
- The active components have been shown to have Antitumor, Anti-Stress, and Antioxidant Activities
- Demonstrates in Clinical Trials to Improve the Ability of Stress-Adaptation

# CLINICAL RESEARCH

*"Immuniol™ is the result of extensive research. Our team took a novel, award winning approach to conventional herbal pharmacology with a patent protected innovation that improves adsorption".*

**Dr. Jaclyn Thomson Ph.D.**  
Chemistry, University of British Columbia

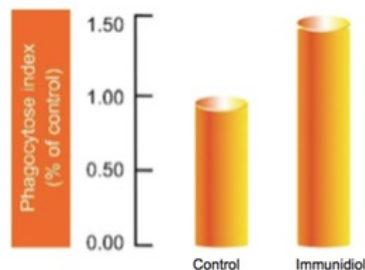
[www.immuniol.com](http://www.immuniol.com)

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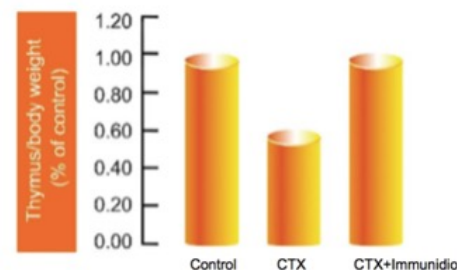


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## IMMUNIDIOL™ – GINSENOSE METABOLITE, PROPRIETARY ASTRAGALUS POLYSACCHARIDE (AP) EXTRACT



**Figure 1** Marophage phagocytic activity test



**Figure 2** Immuniol on cyclophosphamide (CTX) induced immune deficiency

The above figures indicate the efficacy of Immuniol. **Figure 1** shows that Immuniol enhances immune cell activity by 50%. **Figure 2** further shows that Immuniol was able to preserve a normal immune system even during the use of the immune suppressing chemotherapy drug cyclophosphamide.

**Published and Peer reviewed; Park, D. et al., Environmental Toxicology and Pharmacology, 31 (3), 2011, 397-405**

**Dr. William Jia, Ph.D.** Nuumara Scientific Advisory Board and the lead scientist on Immuniol

He is presently an Associate Professor in the Brain Research Department in the Faculty of Medicine at the University of British Columbia and a senior oncologist at the British Columbia, Canada Cancer Agency, where he continues his research and mentors Ph.D. students.

**He has 11 patents and 106+ peer reviewed scientific publications**

**ANTIESTROGENIC EFFECT OF 20S-PROTOPANAXADIOL AND ITS SYNERGY WITH TAMOXIFEN ON BREAST CANCER CELLS**

Yu, Y.; Zhou, Q.; Hang, Y.; Bu, X.; Jia, W., Cancer, 109 (11), 2007, 2374-2382.

**20S-PROTOPANAXADIOL INHIBITS P-GLYCOPROTEIN IN MULTIDRUG RESISTANT CANCER CELLS**

Zhao, Y.; Bu, L.; Yan, H.; Jia, W., Planta Med, 75, 2009, 1124-1128.

**ANTICANCER ACTIVITY OF 20(S) PROTOPANAXADIOL ON CANCER CELLS**

Yan Zhao.; The Faculty Of Graduate Studies (Surgery), The University Of British Columbia October-2005 Ubc\_2005-0728 (3)