Vetvicka Articles Topic Index

By Joseph Schwarz

JANA 2007 --- Article ranks our Beta 1, 3-D Glucan the highest biologically active immune modulator of the seven products tested.

JANA 2005 --- Article concludes mushroom derived glucans are an effective biologically active immune modulator.

JANA 2008 --- Article shows our Beta 1, 3-D Glucan is the best absorbed and longest lasting of the other products tested.

JANA Spring 2002 --- Article summarizes research showing beta glucans are effective against anthrax, cancer tumors and is beneficial in chemotherapy and radiation recovery.

Open Glycoscience 2010 --- Article ranks our Beta 1, 3-D Glucan the highest biologically active immune modulator with the broadest immune response of sixteen products tested.

Open Glycoscience 2010 (supplement) --- Article states our Beta 1, 3-D Glucan is a superior product because of its purity.

World Journal of Clinical Oncology 2011 --- Article highlights the benefits of Beta Glucan combined with Resveratrol in cancer therapy and chemotherapy/radiation recovery.

Biomed Pap Med 2007 --- Article shows our Beta 1, 3-D Glucan is not only a highly effective broad response immune modulator but is also effective in lowering blood cholesterol and blood glucose levels.

Biomed Pap Med 2009 --- Article concludes no adverse effects of combining our Beta 1, 3 -D Glucan and non-steroidal anti-inflammatory drugs.

Biomed Pap Med 2010 --- Article ranks our highly purified Beta 1, 3-D Glucan more effective than the four other products tested in preventing and reversing the negative effects on the immune system caused by physical stress and cold stress.

Biomed Pap Med Fac 2007--- Article highlights the benefits of combining glucans with resveratrol on the immune system.

Biomedicine and Pharmacotherapy 2008 --- Article proposes that beta glucan's broad immune response can be further enhanced with a sulfated form for clinical administration.

Clin. Exp. Immunol. 1999 --- Article demonstrates that beta glucan's CR3 binding properties can be effective against cancer tumor cells that do not have CR3 receptor sites by potentiating natural killer (NK) cells to see the tumor cells as non-self.

Int. J. Biol. Macromol. 2007--- Article shows that Beta 1, 3 Glucans, in addition to enhancing the immune system, enhances the effects of chemo-therapy drugs and prevents or reverses their negative effects on the immune system. Also, article discusses the uptake of glucans in the gut.

ISJ Minireview 2004 --- Article describes how glucans enhance the immune system of invertebrates (animals without a spine), thus proving that glucans have a basic function in the immune system of most biological species.

J. Clin. Invest. 1996 --- Article describes how Beta 1, 3-D Glucans (a highly branched complex form) bind best to CR3 receptor sites, thus priming natural killer (NK) cells to attack cancer tumor cells that otherwise would not be attacked.

J. Med. Foods 2009 --- Article shows our Beta 1, 3-D Glucan most effective in preventing and reversing the toxic effects of both organic and inorganic forms mercury on the immune system of the four products tested.

J. Med. Food 2008 --- Article compares Yeast vs. Mushroom derived beta glucan's effectiveness on the immune system. Article finds that yeast glucans have a broader immune response in lower doses than mushroom glucans.

Descroix Bioorg. And Chem. 2010 --- Article details the effectiveness of brown seaweed derived beta glucan on the immune system. Article proposes that a synthesized form a beta glucan for clinical use could be made.

Novak Drug Targets 2009 --- Article is a comprehensive overview of various kinds of beta glucans. Article details beta glucan's effectiveness as a broad response immune modifier and describes the known Mode of Action of beta glucans.

Novak Journal Immunotoxicology 2008 --- Article is an historical perspective of beta glucan's evolution as an accepted biological response modifier. Article also describes the known Mode of Action of beta glucans.

Ross Clin. Exp. Immunol. 1993 --- Article describes yeast beta glucan's essential biologically active property is its ability to bind to the C3 Receptor site on immune cells that have a CR3 thereby initiating a broad immune response. This may include priming natural killer (NK) cells to attack cancer tumor cells that they may not otherwise target.

Ross Immunopharmacology 1999 --- Article