



**PEX Nutritionals**  
15 Coronation St. Kerang  
Ph: 0439 835 174  
Email: [robmcphail@active8me.org](mailto:robmcphail@active8me.org)  
[www.pexnutritionals.com.au](http://www.pexnutritionals.com.au)

There is substantial scientific literature to support a range of health benefits from consuming Pex bovine colostrums. (PNc4 2).

Colostrum may well be considered Nature's perfect food. It has been shown in hundreds of scientific studies to help **boost your immune system to help fight disease**, as well as help your body **regenerate and grow healthy new cells, burn fat and increase lean muscle mass**.

This means your body is better able to *fight disease naturally*, and even **reverse many conditions of aging**.

*The miracle is the first milk, or colostrum. This natural substance, contains all of the elements necessary for combating viruses, bacteria, yeasts, toxins, allergens, and all other foreign substances. Colostrum also stimulates the body's own immune response so that it is better able to fight off invaders on its own. In addition, Colostrum contains all of the important growth factors that help the body repair damage, as well as strengthen muscles, bones, and organs in all parts of the body."*

**Lance S. Wright M.D. — "COLOSTRUM: Mother Nature's Healthy Alternative for every Generation"**

*"Give your immune system a boost with colostrum. New advances in medicine have led to the discovery of an important immuno stimulatory agent: colostrum, which is the first milk a mother provides for her newborn, and which is teeming with nutritious substances and compounds that aid in the building of the newborn's immune system. Research shows that colostrum provides immune information that can act like a mini immunization process, protecting the body from the multitudes of unwanted infectious diseases."*

**C M Hawken — "Colostrum, The Amazing Immune Enhancer"**

*"Colostrum has a virus antibody that acts against viral invaders. A wide range of anti-viral factors were acknowledged to be present in colostrum." From a research study performed at the US Government's Center for Disease Control in Atlanta, Georgia."*

**Dr. E.L. Palmer — Journal of Medical Virology**

*"Immunoglobulins (found in colostrum) are able to neutralize the most harmful bacteria, viruses, and yeasts." (P Brandtzaeg, Ann NY Acad Sci 409 (1983): 353-378)*

*"Bovine colostrum [is]...very effective in promoting wound healing. Recommended for trauma and surgical healing." (Sporn et al, Science 219 [1983]: 1329-31).*

*"Colostrum contains non-specific inhibitors that inhibit a wide range of respiratory illness, notably influenza viruses. Colostrum is specifically cited for its unique effectiveness against potentially deadly outbreaks of Asian flu viruses that emerge from animal/human mutations."*

**Dr. Shortridge — Journal of Tropical Pediatrics**

*"Colostrum has a virus antibody that acts against viral invaders. A wide range of antiviral factors were acknowledged to be present in colostrum. This research was done at the US Government's Center for Disease*

*Control in Atlanta, Georgia."*

**Dr. E.L. Palmer, et. al.; Journal of Medical Virology**

Colostrum is one of Mother Nature's most perfect substances, designed to strengthen and protect newborn mammals. As we are, in fact, mammals, colostrum is often better suited to our physiology than many plant-based or herbal remedies.

### **On Viral Infections**

*"Immune factors in cow colostrum, when taken orally, are effective against disease-causing organisms in the intestinal tract. Ingestion of bovine colostrum's immunoglobulins may be a new method of providing passive immunoprotection against a host of gut-associated disease-causing antigens (viral and bacterial)."*

**Dr. R. McClead — Pediatrics Research**

*"Clinical studies show that IgE (immunoglobulin), found in bovine colostrum, may be responsible for regulating allergic response."*

**Drs. Tortora, Funke & Cast — Microbiology**

*"PRP, in bovine colostrum, has the same ability to regulate activity of the immune system as do the hormones of the thymus gland. It activates an underactive immune system, helping it move into action against disease-causing organisms. PRP also suppresses an overactive immune system, such as is often seen in the autoimmune diseases. PRP is highly anti-inflammatory and also appears to act on T-cell precursors to produce helper T-cells and suppresser T-cells."*

**Dr. Staroscik — Molecular Immunology**

*"PRP was found not to be species-specific (means that it is transferable for human use). It turns white blood cells into functionally active T cells. Results were shown in treatment of auto-immune disorders and cancer. An important immune modulator, it stimulates an underactive immune system and tones down an overactive one."*

**Dr. Janusz & Lisowski — Archives of Immunology**

*"Growth factors in bovine colostrum were found to be very effective in promoting wound healing. Recommended for trauma and surgical healing. External and internal applications."*

**Dr. Sporn — Science**

*"Cartilage-inducing Factor-A, found in colostrum, stimulates cartilage repair."*

**Drs. Seyedin, Thompson, Bentz — Journal of Biological Chemistry**

*"Bovine colostrum contains high levels of growth factors that promote normal cell growth and DNA synthesis."*

**Dr. Oda, Shinnichi — Comparative Biochemical Physiology**

### **Colostrum and Gastrointestinal Disorders**

*"Glycoproteins, in bovine colostrum, inhibit the attachment of the Helicobacter Pylori bacteria that cause stomach ulcers. Colostrum contains significant amounts of Interlukin-10 (a strong inflammation inhibitory agent), found significant in reducing inflammation in arthritic joints and injury areas."*

**Dr. Olle Hernell, At the University of Ulmea, Sweden; Science**

### **Colostrum's Immune Factors**

*"Colostrum and breast milk (from cows and humans) stimulates the newborn's immune system; as yet, unidentified proteins speed the maturation of cultured B Lymphocytes (type of white blood cell) and primes*

*them for production of antibodies."*

**Dr. Michael Julius Of McGill University, Montreal; Science News**

### **Colostrum's Beneficial Growth Factors (IgF-1)**

*"Growth factors in bovine **colostrum** were found to be very effective in promoting wound healing. Recommended for trauma and surgical healing. External and internal applications."*

**Drs. Sporn, et. al.; Science**

*"**IGF-1, found in colostrum, stimulates bone and muscle growth and nerve regeneration.** Also found: topical administration to wounds resulted in more effective healing."*

**Drs. Skottner, Arrhenius-Nyberg, Kanje and Fryklund, Acta. Pediatric Scandinavia, Sweden**

*"High age is associated with reduced levels of growth hormones: GH and IgF-1. Induction of GH and IgF-1 increase body weight through muscle growth of aged subjects."*

**Drs. Ullman, Sommerland & Skottner, Dept. of Pathology and Pharmacology, Univ. of Gothenburg, Sahlgren Hospital & HabiVitrum AB, Stockholm, Sweden**

*"By replenishing your supply of growth hormone, you can recover your vigor, health, looks and sexuality. For the first time in human history, we can intervene in the aging process, restore many aspects of youth, resist disease, substantially improve the quality of life, perhaps extend the life span itself. **The 'Fountain of Youth' lies within the cells of each of us. All you need to do is release it.**"*

**Dr. Ronald Klatz, world renowned expert on anti-aging, founder and president of the (A4M) American Academy of Anti-Aging Medicine**

Doctors Thierry Hertaghe and Vince Giampapa report that the latest European research indicates that **Human Growth Hormone (HGH) can go beyond the current antioxidant based anti-aging remedies in slowing, preventing and reversing aging at the cellular level.**

*"Life is full of choices – Let your choice be full of Life"*