# What Research Says About Colostrum Extract Contained in Fortizel®?

Popular research studies have hailed Colostrum as a miraculous food for human beings. Here are some excerpts from various research studies:

### Drs. Staroscik et al. said in the Journal of Molecular Immunology:

"PRPs (proline-rich polypeptides) have the same ability to regulate activity of the immune system as hormones do in the thymus gland. They activate an under-active immune system by supporting it to fight off pathogenic organisms. PRPs suppress an over-active immune system as it is commonly known with auto-immune diseases. PRP is highly anti-inflammatory, and it also seems to act on T-cells precursors in order to produce supporter T-cells and suppressor T-cells."

### Drs. Janusz & Lisowski mentioned in Archives of Immunology:

"It has been ascertained that PRPs are not species-specific (transferable to humans). They change white blood corpuscles into functionally active T-cells. The results are evident when treating auto-immune diseases and cancer. An important immune modulator stimulates an under-active immune system and calms down an overactive one."

### Drs. Tokuyama and Tokuyama of Cancer Research Institute, Kanazawa University, Japan said:

"Bovine Colostrum contains TGF-B that has an inhibiting effect on cytotoxic substances (anti-inflammatory). It prevents the cell growth of human osteosarcoma cancer cells by 75%. It is an intermediary of fibrosis and angiogenesis for the healing of the cardiac muscle and blood vessels (Roberts et al.,) and it also accelerates the healing of wounds (Sporn et al.) and the formation of bones (Centrella et al.)."

#### Drs. Charles Isaaks et al. said in the Experimental Biology section of Science magazine:

"Only the retinoic acid to be found in Colostrum proved to be protective and showed reduced colonization of the herpes virus. Though healing was not affected, retinoic acid reduced the herpes virus effectively to levels that enabled the body's immune system to prevent an onset (1/100 to 1/10 000 viruses remained active after the treatment). It has been discovered that the growth factors in Colostrum are

extremely efficacious in promoting the healing process. So Colostrum is recommended for traumas and after operations, external as well as internal ones."

## Drs. Skottner, Arrhenius-Nyberg, Kanje and Fyklund, Acta. Paedriatric Scandinavia, Sweden said:

"IGF-1 that was discovered in Colostrum stimulates the growth of bones and of muscles and also the regeneration of nerve cells. Applied outwardly healing was supported effectively."