



Aloe Vera for Pet Health

Introduction

Most scientific data available on Acemannan has been actually generated using animals, since this model allows us to extrapolate what could be the response in humans. However, when we consider the pet world, the results are even more comparable. Of course there is the difference in species, but from the dynamics of life expectancy and size, the results are more evident when we consider them for companion animals such as dogs and cats.

Moreover, actual toxicity data has been generated for an Acemannan rich Aloe vera extract, finding no toxicity when administered at a high dose (2,000 mg/Kg/day) for 6 months to Beagle dogs¹.

Case Study

All living organisms depend on a system of defense to keep them clear from disease attack. In mammalian animals this immune system function is very sophisticated and it keeps the animals from getting infected by a host of diseases. A poorly functioning immune system leaves the animal prone to disease. There is clear evidence that orally consumed Acemannan present in Aloe vera juice modulates immune system function, thus contributing to overall pet health². Numerous studies indicate that it is the Acemannan in the Aloe vera that provides the immune system function support^{3,4,5}. However, it is imperative for this Acemannan to be bio-available and immunomodulatory or else its functionality will be less⁶. BioActive Polysaccharide Complex® is a premium Aloe vera Freeze Dried powder, certified organic for added purity and safety, which contains the most bio-available, immunomodulatory Acemannan of any product on the market today.

This immune system support activity of BPC® was validated by Dr. Vetvicka in a recent study using rats in both in-vivo and in-vitro models showing a clear dose response immune modulating activity⁷.

A very important part of the immune system activity is tissue repair and wound healing. Early studies showed that Aloe vera inner leaf gel accelerated wound healing when administered both topically⁸ and orally to laboratory animals⁹. BPC® topical formulations are an excellent choice for treating wounds and burns in animals, and when used in a shampoo or soap, leaves the coat shiny and healthy looking.

References:

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