



SUMMARY

Unicity Joint Mobility helps maintain joint health through two distinct mechanisms.

One is that the product's type II collagen (UC-II) — a supplement used to treat joint health in its original molecular structure — interacts with antibody molecules and deactivates collagen-specific T cells. When those T cells are deactivated, the enzymes responsible for joint breakdown are not released.

Published studies have shown UC-II to be highly effective — two times more effective than a combination of glucosamine and chondroitin, which are two well-known supplements commonly used for joint health. This mechanism is further enhanced with the addition of vitamin D3 found in Joint Mobility, which has a similar function in supporting healthy T cells.

Also, the turmeric and boswellia extracts in Joint Mobility help assist the joints in functioning properly. When used together, these ingredients can assist in long-term maintenance of the joints by deactivating the T cells responsible for joint breakdown. They also give the body a chance to strengthen joints. As a member of Unicity's Genomeceutical™ line of products, Joint Mobility helps maintian healthy gene experession related to proper joint function.

ACTIVE INGREDIENTS

UC-II – Undenatured collagen has epitopes that interact with antibody molecules, which deactivating collagen-specific T cells. This supplement has also been shown to be highly effective in animal trials with dogs and horses.^{1,2}

Turmeric Extract – Evidence shows that curcumin,

which comes from the Turmeric spice, has many properties. Curumin has been found to be safe in multiple studies, even with high doses.³

Boswellia Extract – This traditional herb (also known as frankincense) is used to aid in decreasing inflammation. Boswellia is fairly new to the research field, and its studies show positive results.

Vitamin D3 – Vitamin D plays a significant role in the immune system. The vitamin D receptor is found in substantial concentrations in T cells.⁴

REFERENCES

- Gupta RC, Barnes M, Minniear J, et al. Pain reduction measured by ground force plate in arthritic dogs treated with type-II collagen. Presented at: Society of Toxicology 48th Annual Meeting; March 2009.
- D'Altilio M, Peal A, Alvey M, et al. Therapeutic efficacy and safety of undenatured type II collagen singly or in combination with glucosamine and chondroitin in arthritic dogs. Toxicology Mechanisms and Methods. 2007; 17: 189-196.
- Chainani-Wu N. Safety and Anti-Inflammatory Activity of Curcumin: A Component of Tumeric (Curcuma longa). The Journal of Alternative and Complementary Medicine. 2003; 9(1): 161-168.
- 4. Delulca HF, Cantorna MT. Vitamin D: its role and uses in immunology. The FASEB Journal. 2001; 15(14): 2579-2585.

