



# VET EXPERT

BASED ON EVIDENCE

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# ArthroVet Collagen

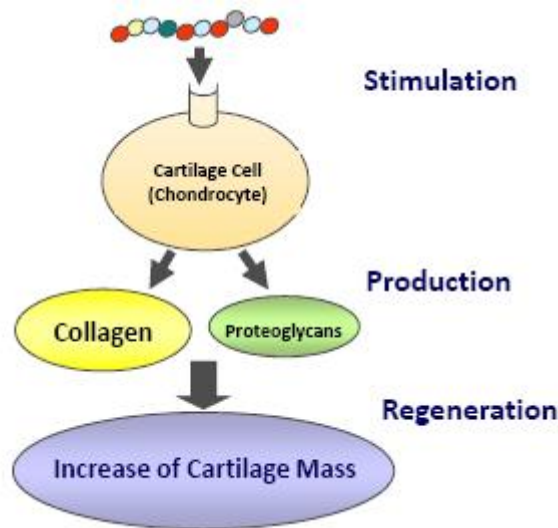
2500 Mg



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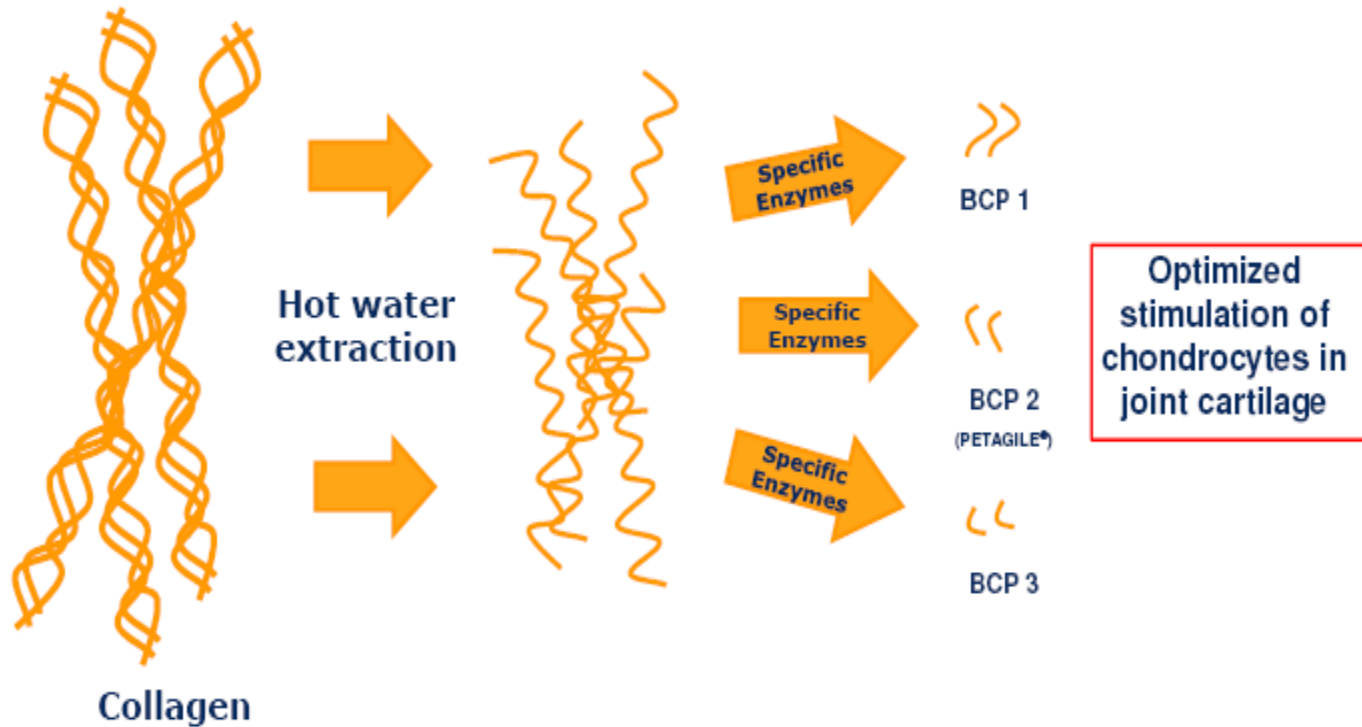
# PETAGILE - What is it?

- A special composition of natural *Bioactive Collagen Peptides*<sup>®</sup> obtained by special
- enzymatic degradation of collagen and optimized to stimulate joint cartilage metabolism



# PETAGILE - What is it?

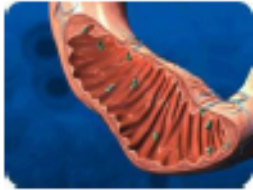
- Specific *Bioactive Collagen Peptides*® to Optimize
- Stimulation of Certain Body Functions



# Bioactive Collagen Peptides®

## Preclinical Research Path

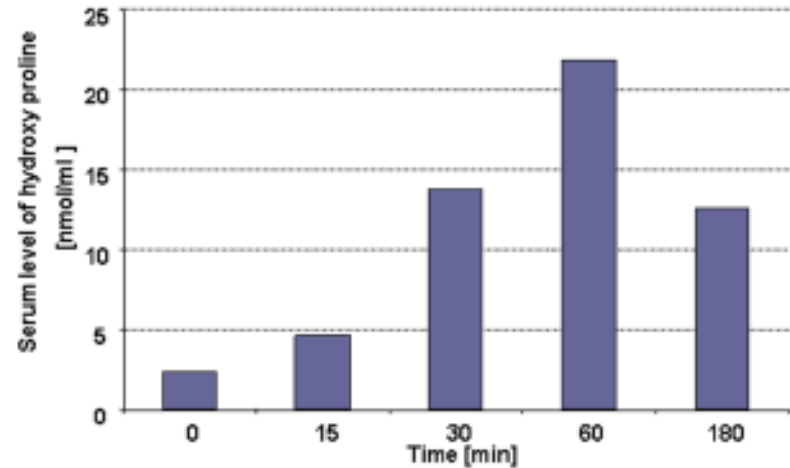
**Rapidly absorbed**, partially in intact form



Distribution & accumulation in the target organ



Stimulatory and regulatory effect in joints

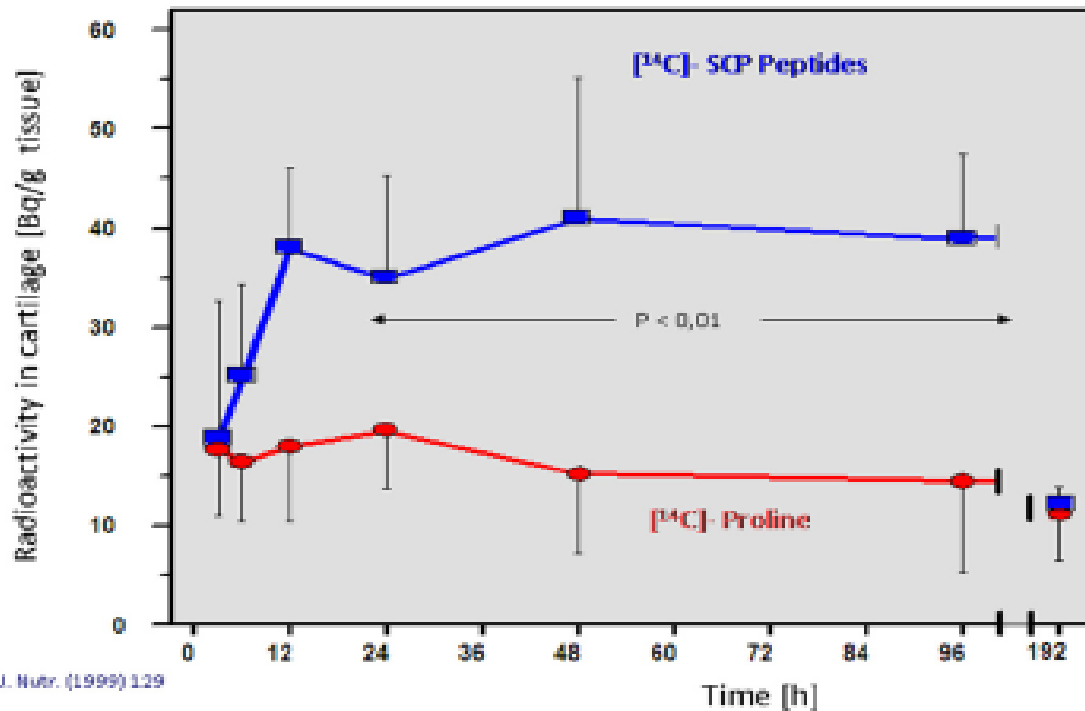


- Excellent and rapid absorption of collagen peptides after oral uptake (Iwai et al. 2005)
- Significant and continuous increase of collagen-specific amino acids in human blood after collagen peptide supplementation (Beuker et al. 1993)

# Bioactive Collagen Peptides®

## Preclinical Research Path

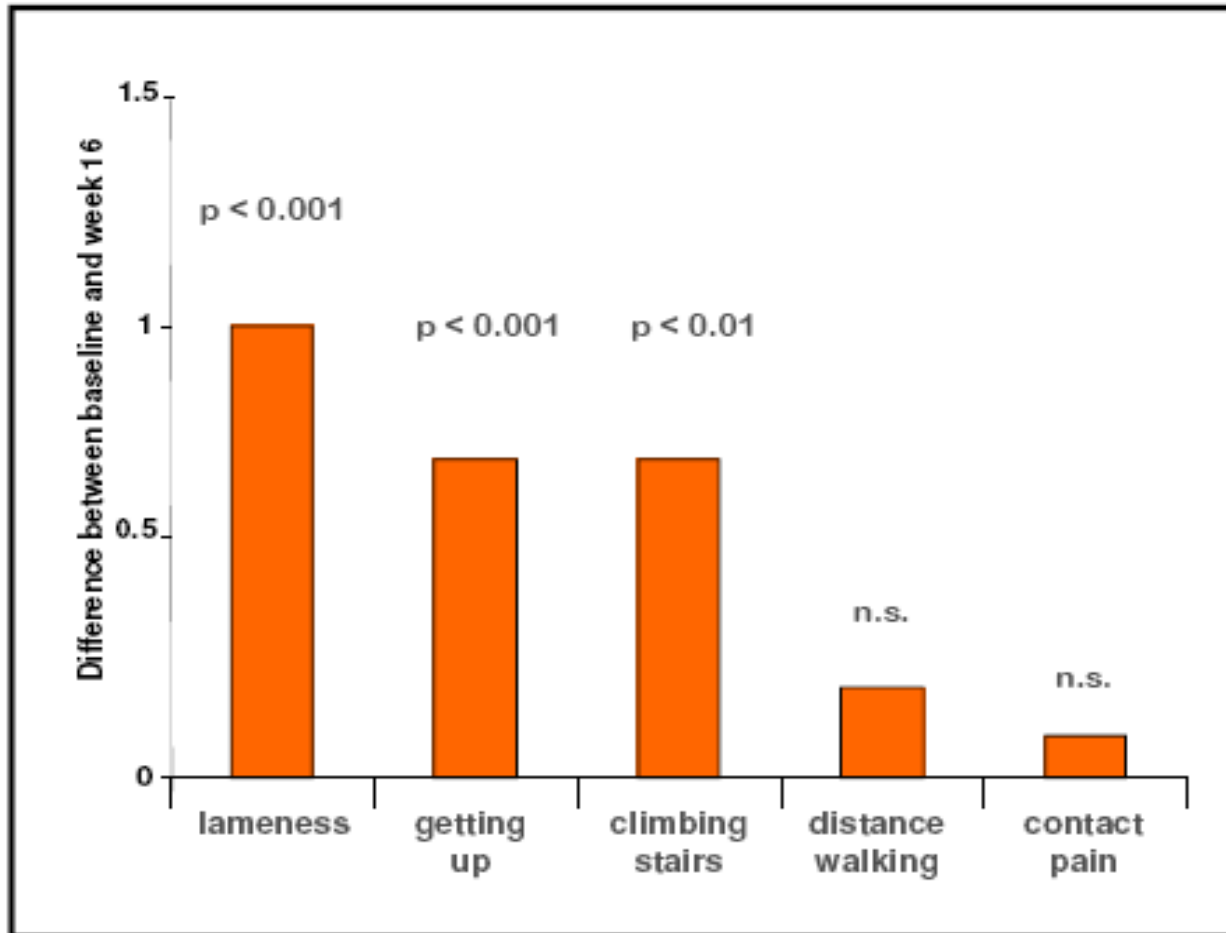
- Accumulation of SCP peptides in cartilage tissue



al. J. Nutr. (1998) 129

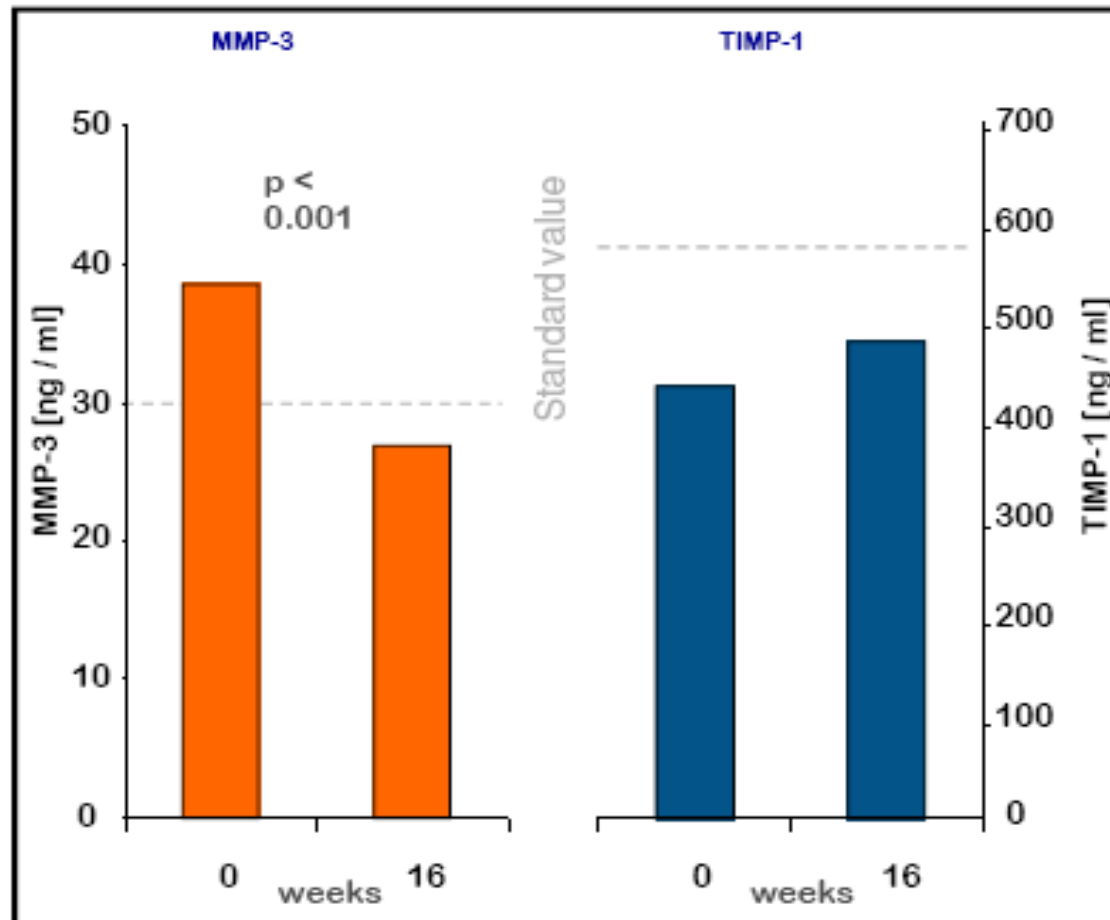
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# EFFICACY OF PETAGILE® TREATMENT



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# DECREASED PLASMA LEVELS OF CARTILAGE DEGRADING PROTEASES AFTER PETAGILE® TREATMENT



# SUMMARY

- Progression of OA symptoms could be stopped in all dogs after oral application of PETAGILE®
- In more than 70 % of the PETAGILE® treated dogs clinical OA symptoms could be improved
- Mobility was significantly improved due to PETAGILE® therapy
- Plasma levels of degenerative MMP-3 decreased significantly
- TIMP-1 activity was increased after 16 weeks of PETAGILE® treatment



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