



# REGENAPEP

## PEPTIDE THERAPY

TGA-Approved & Certified Dietary Supplement with (IL1RA) Interleukin-1 Receptor Antagonist Peptides for Musculoskeletal, Rheumatic and Arthritic Pain Relief and Preventive Care

<b>All Natural Formula</b>
✓ No Drugs
✓ No Steroids
✓ No Chemicals
✓ No Unpermitted Substances

Certified by the Australian **TGA**

### REDUCE

musculoskeletal and joint pain, proinflammatory cytokines and systemic inflammation.

### DELAY

cartilage degradation and regression of arthritic conditions.

### IMPROVE

mobility and flexibility, cartilage regeneration, and musculoskeletal protection.

*\*TGA-certification applies to peptide tablets only.*



## WHAT'S REGENAPEP?

REGENAPEP is a new TGA-certified joint health supplement that acts as an advanced reliever of musculoskeletal, rheumatic and arthritic pain, and a preventive system against potential future onset of arthritis by alleviating conditions associated with early-stage musculoskeletal and joint inflammation.

This formula contains a unique active ingredient, colostrum (enriched with interleukin-1 receptor antagonist peptides), and a number of purified botanical extracts (turmeric, white willow, devil's claw, boswellia serrate and ginger). All of the bioactive components in REGENAPEP's formula interact synergistically to promote anti-inflammatory effects and pain relief.



Recommended for arthritic condition



## THE DIFFERENCE

### Why is REGENAPEP different

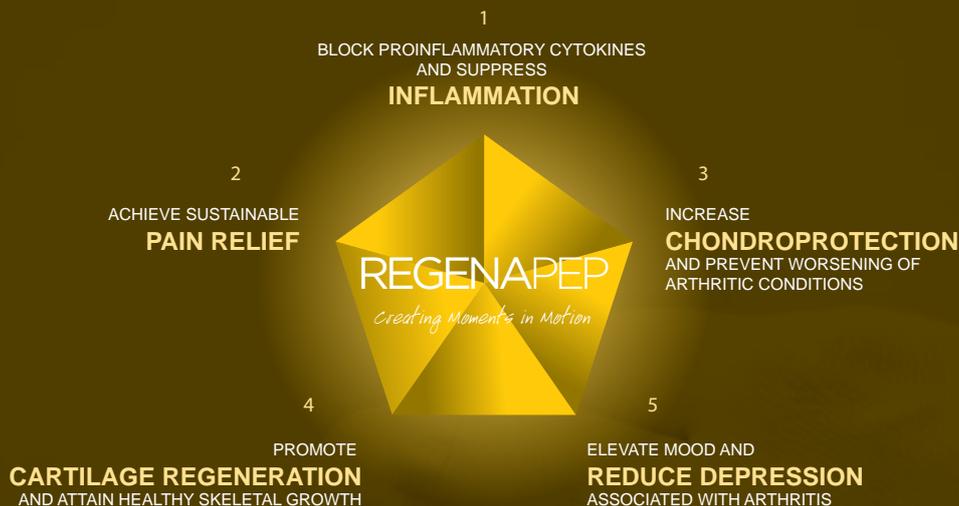
The natural ingredients in TGA-certified REGENAPEP activate a multidimensional cascade of anti-inflammatory processes, primarily through the inhibition of interleukin-1 and other proinflammatory cytokines, to relief pain and offer lasting musculoskeletal protection.

- Multi-dimensional Anti-Inflammatory Action
- Joint Protection and Regeneration
- Natural Active Ingredients
- Regulatory Certification

## How it works:

### Get In Motion with REGENAPEP's Five Multi-Dimensional Actions

REGENAPEP is designed to address the multiple inflammatory pathways and damage associated with musculoskeletal and joint disorders. The ingredients in REGENAPEP's formula are scientifically demonstrated to promote healthy joint and musculoskeletal structure, and relieve pain.



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#### BLOCK PROINFLAMMATORY CYTOKINES AND SUPPRESS INFLAMMATION

REGENAPEP's unique active ingredient, colostrum, is enriched with interleukin-1 receptor antagonist peptides (IL1RA) using a patent-pending production technology. IL1RA peptide, a natural amino acid complex, is a key blocker of the proinflammatory cytokine interleukin-1 (IL-1).

A significant body of research implicates IL-1 in the pathogenesis of arthritis. In both rheumatoid arthritis and osteoarthritis, IL-1 drives harmful musculoskeletal inflammation, leading to tissue destruction by inhibiting cell material synthesis and increasing the production of proteinase that are damaging to the overall joint structure. The effective inhibition of IL-1 using colostrum-derived IL1RA peptides may significantly suppress inflammation and effectuate a cascade of ensuing benefits: pain reduction, prevention of disease deterioration and creation of better regenerative conditions for self-repair.

The botanical ingredients in REGENAPEP are demonstrated through clinical studies to cause anti-rheumatic and anti-inflammatory effects. They collectively block several inflammatory pathways by influencing cytokines that are key to causing inflammation. Curcuma Longa reduces NF- $\kappa$ B, matrix metalloproteinases (MMPs) and prostaglandin E2; Salix Alba reduces IL-6 and TNF- $\alpha$  production; Harpagophytum Procumbens suppresses NF- $\kappa$ B and matrix metalloproteinases (MMPs); Boswellia Serrata decreases polymorphonuclear leukocyte infiltration and migration, and inhibits 5-lipoxygenase; Zingiber Officinale suppresses production of prostaglandin E2 and nitric oxide.

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#### ACHIEVE SUSTAINABLE PAIN RELIEF

Inflammation is the primary cause of pain as tissue swelling adds pressure onto sensitive nerve endings at the inflamed area. The ingredients in REGENAPEP interact synergistically to relieve pain by rapidly suppressing the underlying musculoskeletal and joint inflammation.

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#### INCREASE CHONDROPROTECTION AND PREVENT WORSENING OF ARTHRITIC CONDITIONS

REGENAPEP's IL1RA peptide (formulated as natural colostrum derivatives) and purified botanical ingredients not only relieve pain but also engender chondroprotective qualities. The ingredients may delay and reduce inflammatory degradation of articular cartilage, ultimately slowing down the deterioration of inflammatory-linked musculoskeletal and joint diseases, which may otherwise lead to expensive, highly invasive and risky surgical procedures (arthroplasty).

Harpagophytum Procumbens, a botanical ingredient in REGENAPEP, has a role in reducing cartilage degradation through the inhibition of matrix metalloproteinase (MMPs) and elastase.

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#### PROMOTE CARTILAGE REGENERATION AND ATTAIN HEALTHY SKELETAL GROWTH

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#### ELEVATE MOOD AND REDUCE DEPRESSION ASSOCIATED WITH ARTHRITIS

Curcumin Longa, a botanical ingredient in REGENAPEP, is capable of causing natural and lasting anti-depressant effect by increasing brain derived neurotrophic factor (BDNF) in hippocampus, which may assist in targeting depression symptomatically associated with arthritis.

