

ENSURING OPTIMUM JOINT AND BONE HEALTH WITH PEPTAN®

Peptan collagen peptides are proven to effectively improve joint function and flexibility, reduce joint discomfort and support bone density.



Joint and bone health conditions are among the most **important mobility concerns** globally

69%

of **Americans** frequently experience joint concerns¹

64%

of **Chinese** are very concerned about the health/strength of their bones²

JOINTS AND BONES ARE KEY TO MOBILITY

Keeping them healthy allows us to move freely and efficiently, regardless of our age



SCIENCE'S ANSWER TO JOINT AND BONE HEALTH CHALLENGES

Peptan® is the world's leading collagen peptide brand. Peptan is a natural, safe and bioactive ingredient offering proven holistic benefits to joint and bone health.

PEPTAN® SUPPORTS:

JOINT HEALTH (3,4,5)

Reduces joint discomfort and stiffness

Helps prevent cartilage degeneration

Uniquely helps reduce joint inflammation



BONE HEALTH (6,7,8,9)

Helps maintain bone mineral density

Helps maintain bone strength

Actively stimulates bone-building metabolism

PEPTAN, A NUTRITIONAL SOLUTION



dairy



powder drinks



beverages



tablets & capsules



nutritional bars

PeptanbyRousselot

@Peptan_Global

Collagen Peptides

peptan.com

Peptan®

PRODUCED & MARKETING BY ROUSSELOT

DARLING
INGREDIENTS

BENEFIT FROM OUR (CO-) INNOVATION, COMMITMENT & WORLD-CLASS EXPERTISE

With Peptan, you will have a reliable, closely connected partner



Our global leadership in collagen peptides, combined with our worldwide presence and customer-centric culture, enables us to be a closely connected, reliable partner to you as a manufacturer. We can help you with virtually any product requirement or innovation you have in mind.

References

- ¹ Wakerfield Research Survey, 2014
- ² Innova Market Insights, 2016
- ³ Jiang, J.X. et al., 2014, Collagen peptides improve knee osteoarthritis in elderly women: A 6-month randomized, double-blind, placebo-controlled study. *Agro Food Industry Hi Tech*, 25:19-23
- ⁴ Rousselot unpublished data, 2011
- ⁵ Dar, Q.A. et al., 2016, Oral hydrolyzed type 1 collagen induces chondroregeneration and inhibits synovial inflammation in murine posttraumatic osteoarthritis. *Osteoarthritis and Cartilage*, 24:5532-5533
- ⁶ Guillerminet, F. et al., 2010, Hydrolyzed collagen improves bone metabolism and biomechanical parameters in ovariectomized mice: An *in vitro* and *in vivo* study. *Bone*, 46:827-834
- ⁷ Guillerminet, F. et al., 2012, Hydrolyzed collagen improves bone status and prevents bone loss in ovariectomized C3H/HeN mice. *Osteoporosis International*, 23(7): 1909-1919
- ⁸ Daneault, A. et al., 2014, Hydrolyzed collagen contributes to osteoblast differentiation *in vitro* and subsequent bone health *in vivo*. *Osteoarthritis and Cartilage*, 22:S131
- ⁹ Daneault, A. et al., 2015, Biological effect of hydrolyzed collagen on bone metabolism. *Critical Reviews in Food Science and Nutrition*, 10:1040-8398

For further references and more information on the science behind Peptan, please visit Peptan.com

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