

STAY MOBILE AND ACTIVE WITH PEPTAN[®]

Supporting an active lifestyle and extending healthy life years with Peptan collagen peptides.



BY 2050

around a **quarter** of the world's population will be 60 years or older¹. **Staying healthy and maintaining an active lifestyle** will be crucial for many of these people.

WHAT HAPPENS WHEN WE AGE?



Synovial joint cartilage degenerates from repeated use



Muscle tissue **atrophy** occurs



Bone density often decreases

Collectively, these changes cause

- Decreased mobility
- Gait changes
- Predisposition to falls with injury

HOW DO PEPTAN COLLAGEN PEPTIDES SUPPORT HEALTHY AGING?

Peptan is a collagen protein that is:

- Bioactive
- Natural
- Easily digestible

Peptan has been demonstrated in science to promote mobility by simultaneously maintaining joint^{2,3,4} and bone health^{5,6,7,8}. Collagen peptides can also support muscle health⁹.



PEPTAN, A NUTRITIONAL SOLUTION



dairy



powder drinks



beverages



tablets & capsules



nutritional bars

PeptanbyRousselot

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Collagen Peptides

peptan.com

Peptan[®]

PRODUCED & MARKETED 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

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- ⁴ 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
- ⁵ 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
- ⁶ 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
- ⁷ Daneault, A. et al., 2014, Hydrolyzed collagen contributes to osteoblast differentiation *in vitro* and subsequent bone health *in vivo*. *Osteoarthritis and Cartilage*, 22:5131
- ⁸ Daneault, A. et al., 2015, Biological effect of hydrolyzed collagen on bone metabolism. *Critical Reviews in Food Science and Nutrition*, 10:1040-8398
- ⁹ Hays, N.P. et al., 2009, Effects of whey and fortified collagen hydrolysate protein supplements on nitrogen balance and body composition in older women. *Journal of the American Dietetic Association*, 109:1082-1087

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

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