

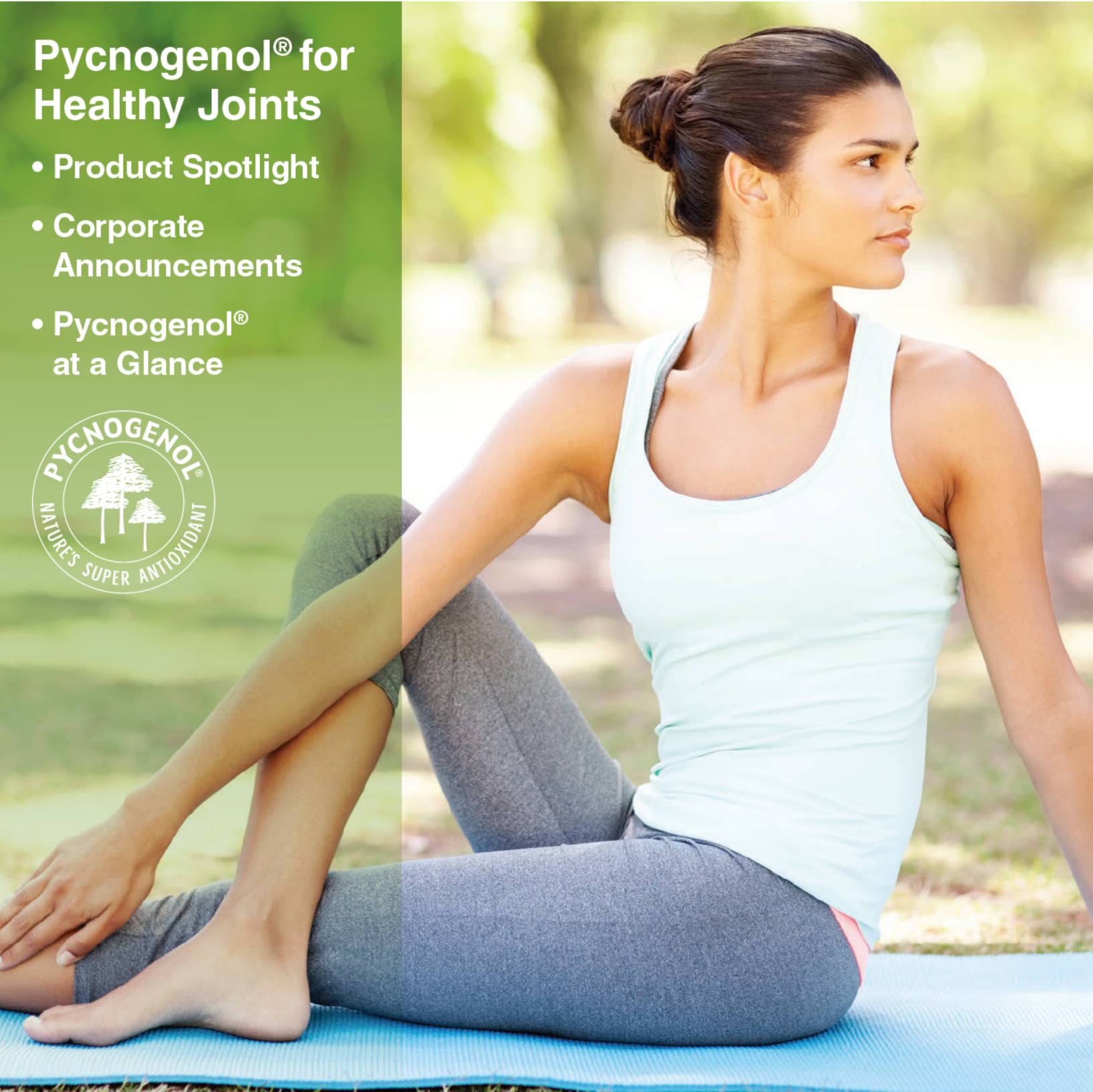
REPORT

ISSUE 30 2018

LOOK, FEEL AND LIVE BETTER

Pycnogenol® for Healthy Joints

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Pycnogenol® for Healthy Joints

Keep moving with Pycnogenol®

More than 85 percent of adults will experience pain in their joints at some point in their lives, a statistic that will most likely rise as the population continues to age. Any number of conditions can be the culprit, including osteoarthritis, a type of arthritis caused by a breakdown and loss of cartilage, swelling, stiffness and loss of function or mobility. Even simple activities, such as getting out of bed, walking the dog or sitting at your desk all day, can lead to joint pain. So we ask ourselves, what can I add to my daily routine that addresses some of my concerns and ensures a sustained level of good health?

While a common way to treat joint pain is nonsteroidal anti-inflammatory drugs (NSAIDs), many people seek alternate treatments because of the side effects associated with these drugs. Another option for managing pain and joint function naturally is supplementing with Pycnogenol®.

In the last decade, published clinical studies reveal Pycnogenol® reduces inflammation, naturally relieves achy joints and promotes joint mobility and flexibility. Research also demonstrated less anti-inflammatory pain medication is needed when supplementing with the extract.

The most recent research published in the *MDPI Journal of Nutrients* shows exactly how Pycnogenol® works for managing symptoms related to osteoarthritis. The study found the first evidence that polyphenols from Pycnogenol® distribute into the joint synovial fluid of patients with osteoarthritis.

The double-blind study examined 33 individuals diagnosed with severe osteoarthritis scheduled for knee arthroplasty. Participants supplemented with 200mg of Pycnogenol® daily over the course of three weeks leading up to the scheduled surgeries.

Results from the synovial fluid samples collected during surgery show that the polyphenols found in Pycnogenol® including taxifolin, ferulic acid and catechin were distributed throughout the synovial fluid in the Pycnogenol®-tested group. The research shows that Pycnogenol® is readily absorbed into the bloodstream and these nutrients can reach areas of need.

This new study supports previous research examining Pycnogenol®'s versatile benefits for joint health. A 2008 study demonstrated Pycnogenol®'s benefits for alleviating inflammation in joints by reducing inflammatory mediators COX-2 and 5-LOX effectively alleviating joint discomfort. This super-antioxidant is shown to naturally reduce C-Reactive Protein (CRP) levels and acts as a natural nuclear factor-kappa B inhibitor to reduce inflammation at the on-set and manage swelling and oxidative stress that are associated with osteoarthritis.

Previous research published in the *Journal of Phytotherapy Research* also indicates that supplementing daily with Pycnogenol® reduces overall knee osteoarthritis symptoms by 20.9 percent. Pycnogenol® is shown to naturally stimulate new production of hyaluronic acid and collagen in joints to improve joint comfort.

HEALTHY JOINTS

Pycnogenol® for movement.



Skin Care Products with Long Term Benefits

Le Pin Aster by Acamnia is a comprehensive range of premium natural skin care products featuring Pycnogenol® that are designed to have long-term and cumulative health benefits on skin cells.

Available in Greece and Cyprus, the product lineup features **Le Pin Aster Rich 24 Hour Face Cream with UV Filters, Intensive Serum, Rich Eye Cream, Mask and Peeling (2 in 1), and Micellar Plus Make-up Remover (4 in 1)**. The products contain potent antioxidant Pycnogenol® and are enriched with natural ingredients, such as hyaluronic acid, aloe vera, horse chestnut and vitamin B3, among others.



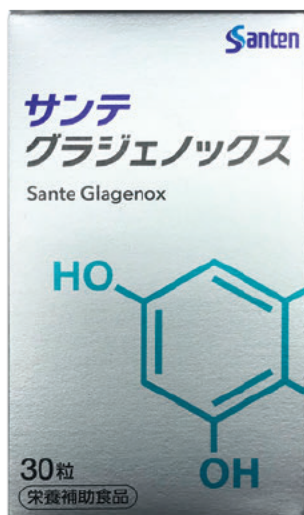
Pycnogenol® has long-term beneficial effects on skin cells including removing free radicals and offering maximum anti-aging and regeneration results while promoting production of collagen and elastin, which are very important for healthy and glowing skin.

Eye Health Supplement by Santen Pharmaceutical

Santen Pharmaceutical launches eye health supplement **Glagenox®** as part of their medical supplement line, Sante.

The eye health formulation combines 40mg Pycnogenol® and 90mg Mirtoselect®, a standardized bilberry extract and has been extensively researched and developed by Santen for three years while conducting a clinical study on the product. The ingredient combination is similar to Horphag Research's Mirtogenol®, a proprietary and patented product for eye health. Research has shown these ingredients work synergistically together to help protect vision and provide normal intraocular pressure support which helps maintain eye health and sight.

The product is available exclusively in the ophthalmologists sales channels and hospital pharmacies throughout Japan.



Launch of Holistic Approach to Brain Health

Bulletproof launches **Smart Mode™** in the United States as a holistic approach to brain health that uses some of the best, most clinically studied brain-boosting nutrients.



Smart Mode™ combines cutting-edge ingredients with smart science to strengthen the pathways in the brain, helping to process more information, more efficiently and tackle daily complex tasks with better clarity. Eleven premium and innovative cognitive-enhancing ingredients make up the formulation including 25mg of Pycnogenol® which has been shown in clinical research to promote cognitive improvement and support memory and attention in a variety of age groups. Other ingredients include citicoline, fiesitin, apigenin, theacrine, bacopa, rosemary, Brain Octane® Oil, artichoke leaf extract, N-Acetyl L-Tyrosine, pantothenic acid.

Liquid Pycnogenol®

Revita Nutrition has developed **100mg Liquid Pycnogenol®** that delivers all of the extract's potent antioxidant health benefits in a convenient drink.

The unique liquid delivery method is one of only a handful manufactured and packs 100mg dose of Pycnogenol® into a great-tasting product that offers higher absorption in the body. The liquid includes all hallmarks of Pycnogenol®'s health benefits including antioxidant protection, defends the skin against free radicals produced by UV rays, stress, and environmental damage, helps maintain healthy joint mobility and flexibility with its anti-inflammatory action and promotes healthy circulation by supporting the relaxation of arteries. It's available for purchase at www.revitanutrition.net



Women's New Health Product

DHC launches women's health product, **Pregm®** for fertility support in Japan. The product is a combination of 60 mg Pycnogenol® with mixed B vitamins, vitamin D, coenzyme Q10, soy isoflavones and maitake extract. Efficacy and safety of the supplement were confirmed in preclinical and clinical studies in women undergoing IVF treatment. After taking the supplement for more than two months, there was a significant improvement in the rate of successful fertilization and pregnancy recorded in women who had previously been unsuccessful in at least two previous IVF attempts. It is available as a premium product through the DHC online shop, DHC specialty shops and in select drug stores.



Pycnogenol® at a glance

Did you know...

- 340 published studies and review articles
- 40+ years research
- 130 clinical studies on 10,000 patients
- 350 publications on Medline
- 700 products worldwide
- Available in 80 countries



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PYCNOPENOL

New Colleague Welcome



Horphag Research extends a warm welcome to Rose-Mary Garcia Cabrini, our new Head of Global Accounting and Finance and member of the Board of Management. Rose-Mary supervises the company's global corporate accounts and financials and is responsible for executing and follow-up of accounts and budgeting structures.

She brings with her more than 30 years' experience, most recently serving as partner, auditor and board member at Global Audit Services SA. During her past 9 years with the company, she coordinated and supervised audits from local and international companies in different activity sectors. Previously, she was in charge of consolidation processes and group reporting at SGS, a quoted Swiss company.

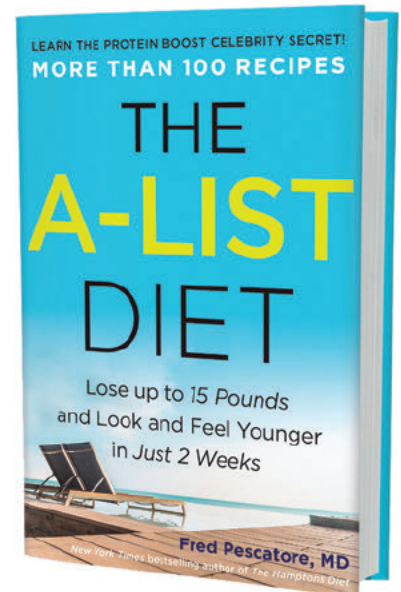
Rose-Mary is a University of Geneva graduate with a Bachelor in Management and Economics and a Swiss certified public accountant and auditor. She earned a certificate in consolidation last year. Born in Geneva with Spanish origins, she speaks 5 languages and enjoys dance.

Please join us in welcoming Rose-Mary to our team. She can be reached at rosemary.garcia@horphag.com

Horphag's Ingredients Profiled in The A-List Diet

Dr. Fred Pescatore is a traditionally trained physician practicing nutritional medicine in Manhattan and the author of seven books, including the New York Times best seller *The Hamptons Diet*. His latest release, *The A-List Diet*, combines advancements in nutritional science with his clinical expertise to create a revolutionary breakthrough in weight loss.

Pycnogenol® is among the nutrients Dr. Pescatore recommends and he shares his familiar knowledge on the antioxidant, advocating its health benefits for blood sugar levels, heart health, skin tone, brain and blood vessel health.



welcome

Welcome Spring! Many of us are happy to enjoy the sunshine and fresh air after a long winter. Activity levels naturally increase when the weather is nice which brings us to share recent research that will help keep our joints moving.

A decade ago, we first realized Pycnogenol®'s potential for joint health and today we are encouraged to fuel the extract's science and product formulations in this rapidly growing field.

Best Regards,

Victor Ferrari
Chief Executive Officer
Horphag Research

follow us on...



featuring...

HEALTHY JOINTS WITH PYCNOGENOL®

THE LATEST PYCNOGENOL® PRODUCTS

PYCNOGENOL® CORPORATE ANNOUNCEMENTS

PYCNOGENOL® AT A GLANCE

Pycnogenol® French maritime pine bark extract, is a registered trademark of Horphag Research Ltd and is protected by U.S. patents #5,720,956 and #6,372,266 and other international patents.
www.pycnogenol.com