

“Our clinical trials with Resveratrol indicate that this bioactive polyphenol can be considered one of the most potent vasoactive nutrients that we have ever studied. The RESHAW study results point to multiple positive impacts of Resveratrol for counteracting the development and progression of chronic diseases afflicting our aging Western population.”

-Professor Peter Howe

Dr. Rachel Wong and Emeritus Professor Peter Howe from the University of Newcastle, Australia are the principal investigators of RESHAW.

Resveratrol Supporting Healthy Aging in Women (RESHAW)

As a result of reduced estrogen production, menopause heightens a woman's risk of osteoporosis, cognitive decline as well as mental and physical discomfort.¹ Postmenopausal women can benefit from resveratrol supplementation, which has been shown to have phytoestrogen activity and combats the cellular aging processes. Since resveratrol can be easily incorporated into a daily diet, it is a well known strategy to support healthy living.²



A brief introduction to RESHAW

RESHAW is the largest and longest clinical trial of its kind, designed to investigate the impact of Veri-te™ Resveratrol supplementation in postmenopausal women. Investigations by Professor Howe, Dr. Wong and PhD student Jay Jay Thaug Zaw at the University of Newcastle, Australia were conducted in 125 post-menopausal women over two years to determine the impact of 75 mg Veri-te™ Resveratrol twice daily on cardio-metabolic, brain and bone health parameters as well as cognitive task performance. A National Health and Medical Research Council funded initiative, RESHAW additionally investigated a wide range of secondary outcomes including body composition and perception of wellbeing, physical function and pain in the subjects. In 2020, RESHAW won the NutraIngredients Asia Award, in the category “Nutrition Research Project”.

RESHAW results support the use of Veri-te™ Resveratrol for healthy living in postmenopausal women



Peak brain health supported by:³

- Enhancing cognitive performance and slowing cognitive decline.
- Increasing healthy blood flow and reducing arterial stiffness in the brain.



Quality of life significantly impacted by:⁴

- Improving mental performance, especially mood and pain perception.
- Reducing menopausal symptoms and sleep disturbance, while improving general wellbeing.



Bone health increased by:⁵

- Improving the bone mineral density measured in the lumbar spine and neck of femur.
- Reducing the risk of bone fracture particularly when combined with calcium and Vitamin D.



Overall health improved by:⁶

- Supporting healthy blood glucose levels and insulin sensitivity.

With over 200 human clinical studies, Resveratrol has continued to gain attention as one of the most active natural activators of SIRT1, a protein which directs the cell cycle and longevity.⁷ This vast amount of research proves that Veri-te™ Resveratrol can be a key strategy for the design and delivery of effective supplements that support healthy aging.⁸

References

1. Menopause - Symptoms and causes. <https://www.mayoclinic.org/diseases-conditions/men Mayo Clinic>. 2017.
2. Chachay VS *et al.* Resveratrol – pills to replace a healthy diet? *Br J Clin Pharmacol.* 2011; 72(1): 27–38.
3. Zaw, J., Howe, P., & Wong R. Sustained Cerebrovascular and Cognitive Benefits of Resveratrol in Postmenopausal Women. *Nutrients.* 2020. 12, 828.
4. Zaw, J., Howe, P., & Wong, R. Long-term resveratrol supplementation improves pain perception, menopausal symptoms, and overall well-being in postmenopausal women: findings from a 24-month randomized, controlled, crossover trial. *Menopause: The Journal of The North American Menopause Society.* 2020. Vol. 28, No. 1, pp. 000-000.
5. Wong, R., *et al.* Regular Supplementation With Resveratrol Improves Bone Mineral Density in Postmenopausal Women: A Randomized, Placebo Controlled Trial. *Journal of Bone and Mineral Research.* 2020. 35(11):2121-2131.
6. Zaw, J., Howe, P., & Wong R. Long-term effects of resveratrol on cognition, cerebrovascular function and cardio-metabolic markers in postmenopausal women: A 24-month randomised, double-blind, placebo-controlled, crossover study. *Clinical Nutrition.* 2020.
7. Weiskirchen S & Weiskirchen R. Resveratrol: How Much Wine Do You Have to Drink to Stay Healthy? *Adv Nutr An Int Rev J.* 2016; 7; 706–718.
8. Koushki, M., Amiri-Dashatan, N., Ahmadi, N., Abbaszadeh, H. A. & Rezaei-Tavirani, M. Resveratrol: A miraculous natural compound for diseases treatment. *Food Sci Nutr.* 2018: 2473–2490 doi:10.1002/fsn3.855.

Evolve is committed to supporting clinical trials and research studies to further understand the important benefits of resveratrol on healthy living and aging.

About Professor Peter Howe

Professor of Clinical Nutrition at the University of Southern Queensland and Emeritus Professor at the University of Newcastle Australia, Peter Howe chairs the TGA's advisory committee for complementary medicines and is a fellow of the nutrition society of Australia. With almost 300 publications, his research has underpinned health claims for functional foods and nutraceuticals. Professor Howe cites resveratrol as the most potent vasoactive nutrient that he has studied and suggests that regular supplementation improves the health of blood vessels throughout the brain and body.

About Dr. Rachel Wong

Dr Rachel Wong is a NHMRC-ARC Dementia Research Fellow who leads research at the University of Newcastle's Clinical Nutrition Research Centre. Using non-invasive transcranial Doppler ultrasonography to assess the cerebral circulation, she is exploring nutritional approaches to enhance cerebral perfusion and improve cognitive function and well-being in populations at risk of premature cognitive decline, e.g. type 2 diabetes, hypertension, postmenopausal women.

Resveratrol re-imagined

Veri-te™ Resveratrol is sustainably produced using an innovative yeast fermentation process.

This means our Resveratrol is:

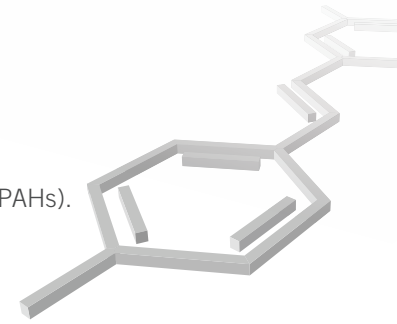
PURE: >98% pure *trans*-Resveratrol.

SAFE: free of contaminants (e.g. pesticides, emodin & PAHs).

RELIABLE: consistent batch to batch.

VERSATILE: off-white, odorless and neutral taste.

SCALABLE: large cGMP production capacity.



Our Products:

Veri-te™ 98%

- o Perfect for dietary supplements, food & beverages (Food Grade) and cosmetics.
- o Allows the highest loading of resveratrol for your products.

Veri-Sperse™ CWD

- o Water dispersible Veri-te™ Resveratrol, made with LipiSpense® technology from Pharmako Biotechnologies.
- o Appropriate for instant powder beverages, liquid shots, oral dispersible, and effervescent tablets.
- o With a neutral taste, the system is easy to flavor in a variety of formulations.

Veri-te™ API

- o API grade Resveratrol manufactured under Pharma GMP. DMF available, compliant with regulatory requirements for pharmaceutical products.

Veri-te™ Aqua

- o Completely water and fat soluble, made with NovaSOL® technology from Aquanova.
- o Suitable for crystal clear liquid applications such as soft-gel capsules, liquid shots or functional beverages, liquid cosmetics and gel sachets.

Regulatory & Quality Status:

- o EU Novel Foods approved, US self-affirmed GRAS, and other country approvals.*
- o Made under cGMP and HACCP based food safety conditions.
- o Halal and Kosher certified resveratrol available.

*Contact Evolve for a full list of countries where approved by regulation.

About us

Evolve is a Swiss biotech company focused on the research, development and commercialization of products based on nature. We have leading businesses in Flavours and Fragrances, Health Ingredients and Health Protection. Evolve's employees, half of which are women, are dedicated to make the best products that can contribute to health, wellbeing and sensory enjoyment. Find out more at www.evolve.com.

For more information:

We have sales offices in the US and Europe, with distribution and regulatory approvals worldwide.* Our technical team can advise on formulations and ideal combinations. Additionally, our marketing team can help you plan your marketing strategy for Veri-te™ Resveratrol. Contact us to order free samples for evaluation.

Evolve's website: www.evolve.com

Veri-te™ Resveratrol website: www.veriteresveratrol.com

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