



# Aquapellis<sup>®</sup>

*The Future of Water Technology*

## MOLECULAR HYDROGEN WATER

*Science-Backed Benefits for Whole-Body Wellness*

**Molecular hydrogen (H<sub>2</sub>)** is a naturally occurring, colorless, odorless gas that has been extensively studied for its ability to support the body by reducing **chronic oxidative stress** one of the primary drivers of inflammation, aging, and disease.

Unlike conventional antioxidants, **hydrogen is selective**, meaning it helps neutralize the most damaging “toxic” free radicals while preserving the beneficial oxidative signals the body needs to function properly.

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### KEY BENEFITS SUPPORTED BY RESEARCH

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#### Brain, Mood & Nervous System Support

Molecular hydrogen therapies have been shown to help improve quality of life by reducing chronic oxidative stress, which supports central nervous system function, reduces anxiety, and enhances overall mood.

#### RESEARCH HIGHLIGHTS:

- *Hydrogen-rich water for improvements of mood, anxiety, and autonomic nerve function in daily life*

<https://pubmed.ncbi.nlm.nih.gov/29497485/>

## Inflammation Reduction & Muscle Recovery

Hydrogen has demonstrated benefits in reducing inflammation, oxidative stress, and muscle soreness particularly after physical exertion or injury.

### RESEARCH HIGHLIGHTS:

- *Effects of hydrogen bathing on exercise-induced oxidative stress and delayed-onset muscle soreness*  
[https://wprim.whocc.org.cn/admin/article/articleDetail?WPRIMID=378181&articleId=378181&locale=zh\\_CN](https://wprim.whocc.org.cn/admin/article/articleDetail?WPRIMID=378181&articleId=378181&locale=zh_CN)
- *Hydrotherapy with hydrogen-rich water compared with RICE protocol following acute ankle sprain in professional athletes*  
<https://pubmed.ncbi.nlm.nih.gov/33356580/>  
<https://pubmed.ncbi.nlm.nih.gov/32399209/>

## Skin Health & Anti-Aging Support

Hydrogen-rich water has been shown to improve skin quality and reduce signs of aging by modulating gene expression related to inflammation and oxidative damage.

### RESEARCH HIGHLIGHTS:

- *Atomic hydrogen surrounded by water molecules modulates basal and UV-induced gene expressions in human skin in vivo*  
<https://pubmed.ncbi.nlm.nih.gov/23637886/>
- *Positive effects of hydrogen-water bathing in patients with psoriasis and parapsoriasis*  
<https://pubmed.ncbi.nlm.nih.gov/29795283/>

## Mitochondrial Function & Cellular Energy

Molecular hydrogen supports mitochondrial health by influencing gene expression and cellular stress responses key factors in energy production, resilience, and longevity.

### RESEARCH HIGHLIGHTS:

- *Molecular hydrogen modulates gene expression via histone modification and induces the mitochondrial unfolded protein response*  
<https://pubmed.ncbi.nlm.nih.gov/28890349/>

## WHY AQUAPELLIS™

Aquapellis™, the future of water technology, delivers molecular hydrogen in a practical, daily-use format supporting whole-body wellness through cleaner water, reduced oxidative stress, and science-backed hydrogen therapy.

**Clean water is no longer enough. Healthy Water Matters.**

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