

**FILTERSORB
// FILTRATION**
ADSORPTION
INSTANT PRODUCTS
OXY TREATMENT
SYSTEMS

LonGeVa™ Media

THE WORLD'S FIRST PREMIXED WATER INTELLIGENCE TECHNOLOGY

INTRODUCTION //

LonGeVa™ Media is a proprietary, factory-engineered breakthrough from Watch Water® - combining the most advanced water treatment technologies into a single, perfectly balanced media. It is not filtration. It is not treatment. It is Total Water Transformation.

ZERO COMPLEXITY - MAXIMUM PERFORMANCE

- ❖ No chemical dosing
- ❖ No regeneration chemicals required
- ❖ No multi-stage systems
- ❖ No operational errors
- ❖ No mixing · No layering · No dosing · No compromise

Factory premixed. Perfect every time.

WHAT LONGEVA® MEDIA DELIVERS //

In a single, ready-to-use media, LonGeVa™ simultaneously:



Mineralizes



Stabilizes



Purifies



Protects



Regenerates

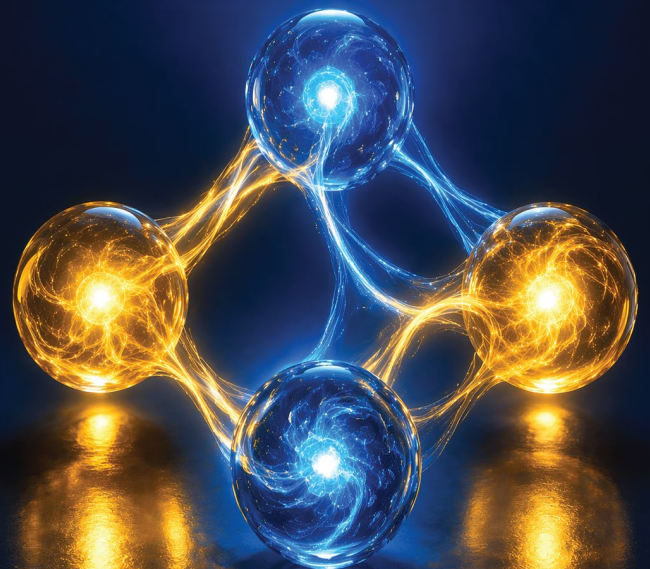


Balances

LONGEVA™ MEDIA.

FOUR INTELLIGENCE FUNCTIONS.
ONE COMPLETE WATER TRANSFORMATION SYSTEM.

LonGeVa™ Media is a proprietary,
factory-engineered breakthrough from Watch Water®



**THE SCIENCE OF WATER
TRANSFORMATION & LONGEVITY**



PREMIUM QUALITY
MADE IN GERMANY

LonGeVa™ Media

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FOUR INTELLIGENCE SYSTEMS

Four advanced intelligence systems are engineered into a single high-performance media to transform ordinary water into biologically compatible, living water. It enriches water with magnesium, stabilizes pH, and supports natural alkalinity while preventing scale without salt or wastewater. Powerful catalytic adsorption removes chlorine, organics, color, odor, and emerging contaminants for deep purification. An advanced redox system further destroys pathogens, pesticides, pharmaceuticals, and micro-pollutants, converting them into harmless mineral forms. The result is clean, balanced, intelligent water that protects both human health and equipment.

FOUR INTELLIGENCE SYSTEMS ENGINEERED INTO ONE MEDIA

TRAPPSORB

Mineral Intelligence

TrappSorb® Technology -
Enriches, mineralises,
stabilises

FILTERSORB® SP3

Scale Prevention Intelligence

FilterSorb® SP3 - No salt,
no brine, permanent
protection

CATALYTIC CARBON-MG

Catalytic Adsorption Intelligence

Catalytic Carbon MG -
Deep purification, zero
compromise

AQUARedox

Redox & Oxidation Intelligence

AquaRedox® Technology -
Destroys pathogens &
pollutants

CORE SCIENTIFIC MECHANISM

At the heart of **LonGeVa™ Media** is a precise, multi-stage water reaction system. When water passes through the media, a chain of simultaneous chemical and biological transformations begins — producing water that is not merely clean, but **actively beneficial to the human body**.

ADVANCED WATER REACTION SYSTEM



CATALYTIC ACTIVATION + ADVANCED REDOX OXIDATION

Formation of bicarbonate-rich water
Release of bioavailable magnesium ions Simultaneous
adsorption + oxidation + stabilization

THIS REACTION MEANS:

- ❖ Formation of bicarbonate (HCO_3^-) → stabilizes pH naturally
- ❖ Release of Mg^{2+} ions → essential for human metabolism and enzyme activity
- ❖ Creation of buffered, non-aggressive water
- ❖ Supports enzyme activity & cellular hydration

MULTI-LAYER REACTION SYSTEM (SIMULTANEOUS)

MINERAL ACTIVATION

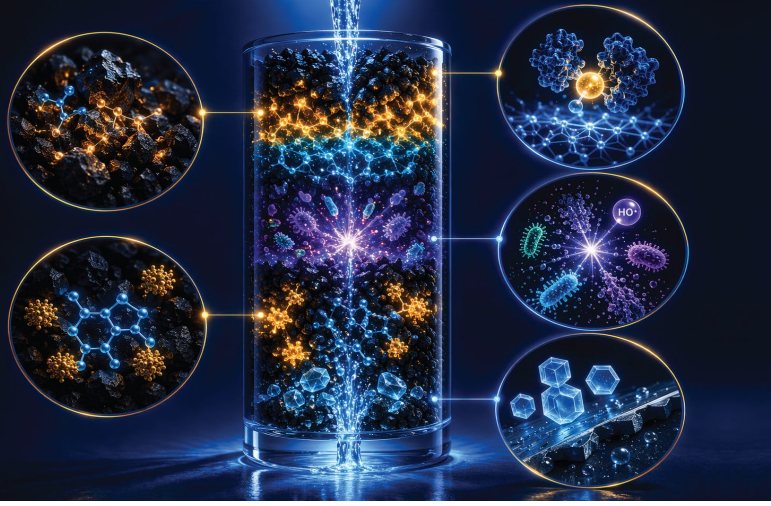
Magnesium ions released by **LonGeVa™** activate over 600 enzymatic reactions in the human body, supporting:

- ❖ ATP production - the universal energy currency of every cell
- ❖ Muscle & nerve function
- ❖ Cellular energy systems

FROM DEAD WATER TO BIOLOGICALLY ACTIVE WATER

The Science of Water Transformation & Longevity





CATALYTIC SURFACE REACTIONS

High-energy catalytic surfaces within the media trigger:

- ❖ Electron transfer reactions at the surface level
- ❖ Breakdown of organic contaminants
- ❖ Conversion of complex pollutants into simpler, harmless compounds

ADVANCED OXIDATION / REDOX REACTIONS

Formation of highly reactive species - Hydroxyl radicals ($\bullet\text{OH}$) and Reactive Oxygen Species (ROS) — that destroy:

- ❖ Bacteria, viruses, and biofilm
- ❖ Pharmaceuticals and pesticides

**LONGEVA™ MEDIA:
TRANSFORMS WATER INTO A
BIOLOGICALLY SUPPORTIVE SYSTEM**

ADSORPTION & BINDING

The ultra-high surface area of **LonGeVa™ Media** captures:

- ❖ PFAS & micro-pollutants
- ❖ Heavy metals
- ❖ Chlorinated by-products

SCALE TRANSFORMATION (NAC TECHNOLOGY)

Calcium is not removed - it is **transformed into stable micro-crystals** instead of damaging scale deposits, protecting pipes, boilers, and heat exchangers.

LONGEVITY SCIENCE

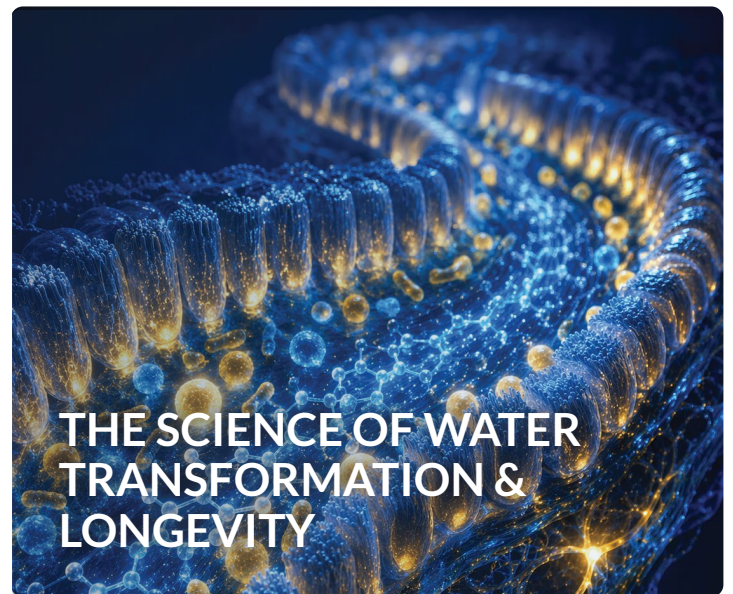
THE MICROBIOME CONNECTION & LONGEVITY

Water is not just H_2O . It is a carrier of biological influence - entering every cell, interacting with the gut microbiome, and shaping the internal environment of the human body with every glass consumed. The quality of that water determines whether it supports or degrades biological function over time.

WHAT LONGEVA™ MEDIA PRODUCES FOR THE BODY

LonGeVa™ Media produces water that:

- ❖ Does NOT damage the gut microbiome
- ❖ Avoids aggressive oxidants like chlorine that harm beneficial bacteria
- ❖ Supports beneficial biological balance at the cellular level
- ❖ Reduces exposure to toxic residues and pharmaceutical contaminants



**THE SCIENCE OF WATER
TRANSFORMATION &
LONGEVITY**

WHY THIS MATTERS - MODERN WATER PROBLEMS

Modern water problems:

- ✗ Chlorine & chloramines
- ✗ Microplastics
- ✗ PFAS
- ✗ Mineral depletion
- ✗ Acidic, aggressive water

These contribute to:

- ✗ Cellular stress
- ✗ Mitochondrial dysfunction
- ✗ Inflammation
- ✗ Accelerated aging

From chemistry to biology. Traditional systems remove contaminants only. **LonGeVa™ Media** transforms water into a biologically supportive system - water that works with the human body, not against it.



THE LONGEVA™ SOLUTION

LonGeVa™ Media reverses this trend by:

- ✓ **Restoring mineral balance** - releasing bioavailable Mg^{2+} and bicarbonates
- ✓ **Removing the toxic burden** - eliminating PFAS, pharmaceuticals, and chlorine
- ✓ **Stabilizing the cellular environment** - buffered, pH-neutral, non-aggressive water
- ✓ **Supporting long-term health** - water that works with the body, not against it

THE RESULT

CLEAN + MINERALIZED + STABLE + BIO-ACTIVE WATER

Water that works with the human body - not against it.

THE TRUTH ABOUT WATER SYSTEMS

TAP WATER VS RO WATER VS LONGEVA™ WATER

Most systems either remove contaminants but destroy minerals, or keep minerals but leave harmful substances. LonGeVa™ Media is the first system that does BOTH – and more. Not all water is the same.

WHAT THIS MEANS IN REAL LIFE

Tap Water - The Hidden Risk

- ✗ Contains disinfectants and toxic by-products
- ✗ Carries long-term health risks from chlorine and PFAS
- ✗ Causes scaling and corrosion in all connected equipment

RO Water – Dead Water

- ✗ Removes contaminants - but also removes magnesium and calcium
- ✗ Destroys natural buffering capacity
- ✗ Produces acidic, aggressive, mineral-free water
- ✗ Wastes up to 70% of source water

Creates "dead water"

LonGeVa™ Water - Living, Functional Water

- ✓ Removes all harmful substances - chlorine, PFAS, bacteria, pharmaceuticals
- ✓ Restores essential minerals - bioavailable Mg^{2+} and Ca^{2+}
- ✓ Stabilizes pH naturally - buffered, non-aggressive water
- ✓ Prevents scaling in all connected systems
- ✓ Supports biological balance and gut microbiome health

Creates "living, functional water"

PARAMETER	TAP WATER	RO WATER	LONGEVA™ WATER
Chlorine / Chloramines	Present	Removed	Fully Removed
Bacteria / Viruses	Risk present	Removed	Destroyed (Oxidative + Catalytic)
PFAS / Micro-pollutants	Present	Partial removal	Captured + Reduced
Essential Minerals (Mg, Ca)	Unstable form	Removed	Optimized & Bioavailable
pH Stability	Fluctuating	Acidic	Naturally Buffered
Scale Formation	High risk	None	Prevented (NAC Technology)
Water Taste	Chemical taste	Flat / empty	Clean & Natural
Microbiome Impact	Negative	Neutral / Weak	Supportive
Energy / Waste	Low	High wastewater	Zero Waste
System Complexity	Simple	Complex, multi-stage	One Media Solution



THIS IS NOT EVOLUTION
THIS IS A REVOLUTION

WHY LONGEVA® WINS //

WHY RO TECHNOLOGY IS NO LONGER ENOUGH

Reverse Osmosis was a significant advance in water purification when it was introduced. But as our understanding of biological water requirements has deepened, its fundamental limitations have become clear. RO removes everything - and that is precisely the problem.

- ❖ **High water waste**
up to 70% of source water is discarded as brine
- ❖ **Removes all beneficial minerals**
stripping magnesium and calcium the body depends on
- ❖ **Requires remineralization**
a separate, additional step that rarely restores the right mineral balance
- ❖ **Produces acidic water**
with pH often below 6.0, stressing the body's buffering systems

LONGEVA™ MEDIA ELIMINATES ALL RO LIMITATIONS IN A SINGLE STEP - WITHOUT WASTE, WITHOUT MINERAL LOSS, AND WITHOUT COMPLEXITY.



WHY LONGEVA™ MEDIA IS THE FUTURE //

- ✓ No salt - zero ion exchange regeneration required
- ✓ No wastewater - 100% water efficiency, zero brine discharge
- ✓ No mineral loss - calcium and magnesium are retained and optimised
- ✓ No chemical dosing - pure media performance, no operational chemicals
- ✓ No complexity - one media replaces multiple treatment stages

FILTERSORB

FILTRATION

ADSORPTION

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ONE MEDIA UNLIMITED APPLICATIONS

LonGeVa™ Media is engineered to work in **every water system worldwide** - from a single household drinking water filter to large-scale industrial process water systems. **One product. One standard. One solution.**

APPLICATIONS //

Because **LonGeVa™ Media** is factory premixed and requires no dosing, no regeneration, and no complex controls, it integrates seamlessly into virtually any existing water system - at any scale, in any country.

Residential

- ❖ Point-of-Use (POU) Filters
- ❖ Point-of-Entry (POE) Systems
- ❖ Whole House Filtration
- ❖ Drinking Water Systems

Commercial

- ❖ Hotels & Hospitality
- ❖ Restaurants & Coffee Chains
- ❖ Water Dispensers
- ❖ Office Buildings

Industrial

- ❖ Boiler Feed Water
- ❖ Cooling Systems
- ❖ Process Water
- ❖ Manufacturing

Special Applications

- ❖ Coffee & Brewing Industry
- ❖ Healthcare & Wellness
- ❖ Longevity & Premium Water Brands

**EVERY DROP MATTERS.
CHOOSE**

LonGeVa™ Media

SYSTEM DESIGN SIMPLICITY //

LonGeVa™ Media works in all standard pressure vessels and cartridge systems:

- ❖ Big Blue Filter Housings
- ❖ Cartridge Systems
- ❖ Stainless Steel Pressure Vessels
- ❖ FRP Vessels with Control Valves

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TYPICAL CONFIGURATION

- ◆ Single vessel system — no multi-stage complexity
- ◆ Upflow or downflow operation
- ◆ No chemical dosing systems required

THE GLOBAL BUSINESS OPPORTUNITY //

LonGeVa™ Water is not just a water treatment product. It is a global business platform - perfectly positioned for the growing intersection of clean water demand, health awareness, and sustainable infrastructure. Because it is factory premixed, consistent in quality, easy to install, and scalable worldwide, it becomes the ideal product for global distribution at every level.

FOR DISTRIBUTORS

- ◆ One product replaces multiple systems
- ◆ Easy to sell, easy to explain
- ◆ High-margin premium technology

FOR ENTREPRENEURS

- ◆ Build your own water business
- ◆ Plug-and-play system solutions
- ◆ Suitable for every market

FOR INVESTORS

- ◆ Massive global demand for clean water
- ◆ No comparable all-in-one technology
- ◆ Scalable across continents

WHY THE WORLD NEEDS LONGEVA™ MEDIA //

- ◆ Increasing water contamination
- ◆ Declining mineral quality
- ◆ Rising health awareness
- ◆ Need for simple, powerful solutions

WATCH WATER[®] PLANET WATER INTELLIGENCE

EVERY HOME. EVERY SYSTEM. EVERY COUNTRY.
LONGEVA™ MEDIA IS THE UNIVERSAL SOLUTION FOR WATER.



**BUILD THE FUTURE OF WATER
WITH WATCH WATER**

ZERO MAINTENANCE PHILOSOPHY

- ◆ No Salt Handling
- ◆ No Complex Controls
- ◆ No Dosing Pumps
- ◆ Minimal Service Requirements

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