



DIETARY SUPPLEMENTS FOR LONGEVITY

Final Products / Whitelabel / Bulk

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WHAT IS LONGEVITY AND HEALTHY AGING?

200 years long lifetime. That is not just a slogan, but also a realistic goal.

In 1961 American scientist Leonard Hayflick has discovered that most human cells are capable to divide up to 60 times per lifetime before they die.

Upon every division they mutate slightly and lose some of the original DNA epigenome information, making our bodies increasingly older and prone to diseases.

Luckily, scientific achievements of recent 20 years have proven that there are ways to slow down and even reverse the degeneration process.

FOUR STEPS TO YOUTHFUL CELLS AND HEALTHY AGING

#1 NAD+ Boosters

Bring back youthful energy to the cells

NAD⁺ level in our cells is usually excellent when we are young, but starts decreasing with age.

These molecules play a central role in DNA repairs, cell defense and metabolic processes.

Improving NAD⁺ level in our cells is the crucial part into recovering youthful cellular condition.

It can be achieved by NAD⁺ precursors, such as NR.

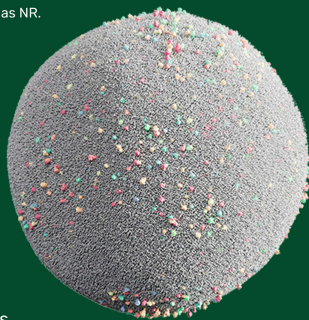
#2 Senomorphics and Senolytics

Eliminate the "zombie" cells

When our cells die, they start spreading specific chemicals throughout the body, called SASP.

This secretome may cause chronic inflammations or diseases and, ultimately, aging.

Senomorphics (such as apigenine) **block the SASP spread** and Senolytics (such as quercetin) **remove the "zombie" cells.**



#3 Autophagy Modulators

Recycle damaged cell components

Autophagy is a natural process, when our cells break their damaged components. It's beneficial in two ways:

That not only means reduced aging of cells, decreased inflammation and more stable DNA structure, but also balanced body weight and improved metabolism processes.

Autophagy process can be stimulated by modulators, such as Spermidine or Berberine.

#4 Antioxidants








Build defense against free radicals

Number of free radicals in our bodies is increased by air pollution, smoking, sun exposure, food contaminants.

The excess of free radicals causes oxidative stress, which is damaging our cells and DNA.

Antioxidants, such as GlyNAC, are able to restore the balance and **defend the cells from the harm.**

DIETARY SUPPLEMENTS RANGE



	MAIN BENEFIT	LONGEVITY FUNCTION	L CELL FINAL PRODUCTS		WHITELABEL*	BULK
			8 CAPSULES	30 POWDER		
Apigenin (98%)	 Emotions & Sleep	NAD+ booster	60 x 250mg (30 days)	30g (60 days)	✓	✓
Astaxanthin (2%)	 Immunity	Antioxidant	60 x 10mg (60 days)	60g (60 days)	✓	✓
Berberine (98%)	 Weight Control	Autophagy Modulator	60 x 300mg (30 days)	42g (60 days)	✓	✓
CaAKG (98%)	 Digestion & Gut	Autophagy Modulator	60 x 350mg (30 days)	48g (60 days)	✓	✓
Hydrolyzed Collagen (marine, Type I, II & III)	 Skin & Beauty	Structural support	✗	300g (30 days)	✓	✗
Creatine Monohydrate (micronized, 500mesh)	 Sport & Muscles	ATP booster	✗	300g (60 days)	✓	✗
Curcumin (95%)	 Pain & Inflammation	Senolytic	60 x 350mg (30 days)	42g (60 days)	✓	✓
EGCg (90%)	 Pain & Inflammation	Antioxidant / Senolytic	60 x 450mg (30 days)	30g (60 days)	✓	✓
Fisetin (98%)	 Pain & Inflammation	Senolytic	60 x 250mg (30 days)	15g (30 days)	✓	✓
L-Glutathione (reduced, 99%)	 Immunity	Antioxidant	60 x 400mg (30 days)	48g (60 days)	✓	✓
GlyNAC (99%)	 Immunity	Antioxidant	60 x 500mg (30 days)	30g (30 days)	✓	✓
L-Theanine (80%)	 Emotions & Sleep	Autophagy Modulator	30 x 200mg (30 days)	23g (90 days)	✓	✓
Magnesium Bisglycinate (20%)	 Emotions & Sleep	Essential Mineral	90 x 500mg (30 days)	45g (30 days)	✓	✓
Magnesium L-Threonate (7.2%)	 Brain & Cognitive	Essential Mineral	120 x 500mg (30 days)	60g (60 days)	✓	✓
NMN (99%)	 Energy	NAD+ booster	60 x 500mg (30 days)	15/30/60/120g (15-120 days)	✓	✓
NR (98%)	 Energy	NAD+ booster	60 x 400mg (30 days)	24g (30 days)	✓	✓
Quercetin (95%)	 Pain & Inflammation	Senolytic	60 x 250mg (30 days)	30g (60 days)	✓	✓
Spermidine (1.2%)	 Heart & Blood	Autophagy Modulator	60 x 3mg (30 days)	15g (30 days)	✓	✓
TMG Betaine Anhydrous (99%)	 Heart & Blood	NAD+ booster	60 x 500mg (30 days)	90g (90 days)	✓	✗
Trans Resveratrol (98%)	 Heart & Blood	Senomorphic / Antioxidant	60 x 300mg (60 days)	24g (30 days)	✓	✓
Urolithin A (98%)	 Sport & Muscles	Autophagy / ATP booster	60 x 350mg (30 days)	21g (30 days)	✓	✓

*** Possible whitelabel customizations include:**

- Any amount of capsules or powder per packaging.
- Packaging sizes: 100ml-1000ml.
- Packaging type: glass, plastic, biocomposite, aluminium and other.
- Extra ingredients: Vitamin D3, Vitamin B1, Vitamin C, Zinc, Calcium and any other.
- Capsule sizes: 0, 00, 000.



WHY L CELL?

	Production	Dosage & application	Clean formulations	3rd party lab tested
 Most longevity supplements	Outsourced	Low concentration	X	X
 L Cell	Own, GMP & ISO22000 certified	Evidence-based & optimal for maximum effect	✓	✓

FACTS ABOUT L CELL

L Cell is part of Lithempa Group, a Netherlands & Lithuania based company, developing and manufacturing food supplements & superfood.

40 000+

Customers
worldwide

15+

High competence
employees

GMP

GMP & ISO22000
certified

30+

Countries of
export

5-10

Days worldwide
delivery

4,8

Trustpilot rating

Our brains

Meet the people behind of our formulas and products



Dr. Mindaugas Valius, PhD
Advisor for Science

Mindaugas is the head of Proteomics Cathedral in Vilnius University, as well as longevity enthusiast, exploring behavior of genome and epigenome in cellular level since 1984.



Agne Misiute, MD
Advisor for Medicine

Agne is a general practitioner and local influencer for medical topics. Curious about innovative medical treatment methods. She also consults her patients in one the first Longevity Clinics in Europe.



Rokas Sliupas
Head of Quality / Co-founder

Rokas is one of co-founders of Lithempa Group and L Cell. He has got extensive experience in R&D, manufacturing and quality assurance.