



epitide®

LIFELONG YOUTH DESIGNED BY SCIENCE

Introducing the new era of health,
beauty and vitality, promoted
and maintained by epigenetics.

epitide®



epitide®



Revolutionary food supplement with safe, clinically proven and highly effective properties.

Advanced delivery form specially designed for increased absorption eliminating the necessity for medical drugs and injections.

Active biological formula is based on the short peptide complex named EPITHALAMIN®

epitide®

EPITHALAMIN®

EPITHALAMIN® has proven itself to be one of the most effective geroprotective substances developed in recent decades. It's properties, activity, and safety as a short peptide complex have been extensively studied and tested by leading internationally-acclaimed scientists. The main result of these studies have shown that EPITHALAMIN® produces the best results in promoting healthy longevity and life extension.

The short-peptide complex EPITHALAMIN® acts as an epigenetic switch, triggering protein synthesis in the pineal gland. This protein synthesis and pineal gland activity restoration can lead to a cascade of positive effects such as: **normalisation of melatonin production, immune enhancement and telomerase activation.**

30 years of research through experimental and clinical studies of EPITHALAMIN® have demonstrated its safety and efficacy in preventing age-related dysfunctions.

A number of studies indicate at EPITHALAMIN® proven strong geroprotective effect:

Increases **melatonin**
level by

117%

EPITHALAMIN® recovers night release of endogenous melatonin and leads to the normalization of the hormonal circadian rhythm in the blood plasma. In elderly people EPITHALAMIN® modulates the pineal gland functional state.

Normalizing effect of the pineal gland peptides on the daily melatonin rhythm in old monkeys and elderly people. Korkushko OV, et al. Adv Gerontol. 2007;20(1): 74-88.

Effect of epithalamin on circadian relationship between the endocrine function of the thymus and melatonin-producing function of the pineal gland in elderly people. Labunets IF, et al. Bull Exp Biol Med. 2004 May;137(5):507-9.

Increases
the length
of **telomeres**

2.4 fold

EPITHALAMIN® prolongs the vital cycle of cultured human cells due to 2.4-fold Increase in the length of telomeres and the subsequent increase in the quantity of cell divisions by 42% by simulating pineal gland activity and the production of telomerase, which promotes the repair and lengthening of DNA telomeres.

Gerontological aspects of genome peptide regulation. Khavinson V.Kh., Malinin V.V. Basel (Switzerland): Karger AG, 2005. — 104 p.

Peptides and ageing. Khavinson V.Kh. Neuroendocrinology Letters. Special Issue, 2002. — 144 p.

EPITHALAMIN® HAS BEEN SHOWN TO REDUCE
THE MORTALITY RATE IN HUMANS BY

50 %

Multiple studies in the spheres of molecular biology and gerontology have demonstrated that EPITHALAMIN® is a unique substance showing reliable results in promoting healthy longevity.

In the course of several unprecedented randomized clinical experiments, lasting 6 and 15 years, use of EPITHALAMIN® **promoted life expectancy by 67% and reduced mortality rate by almost a half.**

Long-term (15 years) use of EPITHALAMIN® in humans has shown following results:

- 43 % Increase in T-lymphocytes
- 53 % Enhance of total antioxdant activity
- x2,4 Increase the level of melatonin in blood
- 42 % Increase in the amount of heterochromatin

- 16 % Telomeres elongation
- x2,1 Reduction in cardiovascular mortality
- x1,9 Reduction in respiratory dysfunctions
- 54 % Increase In short memory

Geroprotective effect of epithalamine (pineal gland peptide preparation) in elderly subjects with accelerated aging. Knavinson V.Kh. et al., Bull Exp Biol Med. 2006 Sep;142(3):356-9.
Peptides and ageing. Knavinson V.Kh. Neuroendocrinology Letters. - Special Issue, 2002. — 144 p.

epitide®

After many years of research, the evident benefits of EPITHALAMIN®
have inspired a team of specialists to join effort with the original
creators of the molecule to present to the world market
a revolutionary health care – epitide®

Out of 20 amino acids common to all life forms 8 cannot be synthesized by human organism thus must come from a varied and balanced diet.

- Phenylalanine plays an integral role in the structure and function of proteins and enzymes and the production of other amino acids.
- Valine helps stimulate muscle growth and regeneration and is involved in energy production.
- Threonine participates in production of structural proteins, such as collagen and elastin also play a role in fat metabolism and immune function.
- Tryptophan neurotransmitter regulates appetite, sleep, and mood.
- Methionine is necessary for tissue growth and the absorption of zinc and selenium — vital minerals.
- Leucine helps regulate blood sugar levels, stimulates wound healing, and produces growth hormones.
- Isoleucine important for immune function, hemoglobin production, and energy regulation.
- Lysine plays major role in protein synthesis, calcium absorption, and the production of hormones and enzymes.

epitide® dietary supplement contains all the essential amino acids and is helping to improve cognitive and physiological functions of the adult organism in a biologically natural way.

epitide®



- **Normalizes** circadian rhythms
- **Relieves** fatigue syndrome
- **Improves** mental performance
- **Increases** stress-resistance
- **Enhances** memory

epitide®

OROGRAANULES

Advanced biochemical design
for enhanced solubility

Unlike other formulations, **epitide®** utilizes the most advanced delivery form, to make sure that the active ingredient is absorbed directly in the mouth, without the use of capsules, excipients, gelatine, cellulose, GMOs or preservatives.

epitide® is faster, more practical and more efficient to use than similar products.



epitide®



epitide® is best taken in courses, every 6 months. The course consists of taking 1 orogranule daily during 30 days period.

This method ensures administration of the optimal quantity of the active ingredient, resulting in a cascade of benefits and providing potent and long lasting effect.

epitide®

ADDITIONAL INFORMATION



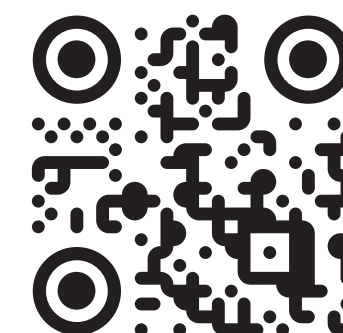
Produced and packaged in Italy.

Components of **epitide®** formula undergo special selection and maximal quality control which makes the product highly physiological, free of any side effects and compatible with all other medications and products.

It is worth while to note that due to the limited amount of the raw material for the production of **epitide®**, it can only be produced in small quantities and therefore it's supply is highly limited.

For more information regarding this product please contact us at: **info@nanopep.net**

Or visit our corporate website: **www.nanopep.net**



epitide®

Before and after the use of **epitide®** we suggest carrying out an evaluation of the markers of ageing to observe and monitor efficacy:

1. Test to determine the length of **telomeres**.
2. Test to determine **melatonin** concentration.
3. Test to evaluate the state of **antioxidative** and **immune systems**.

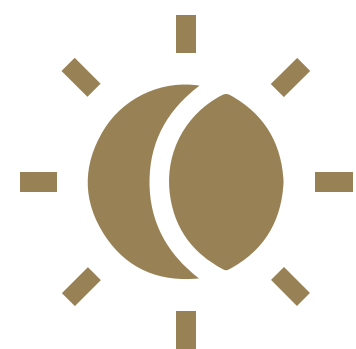
Stability of these indicators will attest to normalization and stabilization of the body homeostasis and its functions, It will also indicate the slowing down of the processes of ageing.

Most pronounced benefit can be achieved through combining **epitide[®]** with a healthy lifestyle by respecting the following guidelines:



PROPER NUTRITION

calorie restriction by 20%-30% especially cutting down fats and carbohydrates



BIORHYTHMS

respecting the day/night cycle to maintain healthy production of melatonin



DAILY PHYSICAL ACTIVITY

walking at least 10 000 steps per day



**FOR A HEALTHIER,
FULLER LIFE...**