THE SYNERGY OF NATURE AND SCIENCE
Belonging to a Polish-Swiss company WellU, Larens is a modern, specialistic, cosmeceutical brand designed for skin care and specifically directed to fight the signs of ageing and skin problems.

Larens cosmeceuticals, apart from proven anti-ageing properties, respond to the needs of the allergic and problematic skin, for example dealing with atopic dermatitis and psoriasis, as well as one damaged by external factors. They also prove exceptionally efficient in reducing scars of various origin.

What Larens brand has to offer is a result of over 14 years of studies conducted by the WellU Scientific Council lead by its Chairman Prof. Andrzej Frydrychowski, MD, Ph.D. and consisting of scientists, dermatologists, and cosmetologists.

The basic component of Larens cosmeceuticals, the Biopeptide Complex is a source of natural fish collagen peptides obtained in a method patented by the professor Frydrychowski and called ‘the future of medicine and cosmetology’.

The properties of the fish collagen peptides contained in Larens products are synergically complemented by other, carefully selected active ingredients. Among the components of cosmeceuticals, you will find, i.a.: bioactive collagen, ectoine, SYN*-AKE, Regestril®, Pepha*-Tight, Hydromanil™, colloidal silver, hyaluronic acid, amino acids, vitamins, plant extracts, oils. Their carrier is structured Nutrivi water that effectively transports active ingredients into the skin.

Larens is a revolutionary combination of scientific achievements and gifts of nature, which provides a noninvasive, safe and effective recipe for a young and healthy look.
I have started investigating the properties of peptides obtained from fish skin over 14 years ago. First results were based on obtaining collagen from a valuable source - the skin of selected fish species. During the process, we obtained so-called peptide and amino acid residues. Knowing the part that they play in the organism, we have isolated amino acids together with short peptide chains and increased their density numerous times. As a result of those works, we have developed a method of obtaining a bioactive extract called Biopeptide Complex.

The WellU Group scientists led by prof. Frydrychowski were first to discover the extraction method that allows to obtain the entire range of biologically active oligopeptides and polypeptides from the skin of the selected fish species. Their properties proved revolutionary for the skin treatment and were called a break-through in the field of cosmetology and dermatology. Larens cosmeceuticals are enriched with the complex of those extraordinary substances. Our products contain hundreds of biologically active natural peptides, predominantly from the three protein groups: decorins, lumican, and histones. These are mostly small peptides containing 7-29 amino acids.

The WellU Group scientists have created a world’s unique complex of bioactive oligo- and polypeptides. The method of so-called ‘cold extraction’ has been patented and remains a unique way of obtaining and thickening fish peptides in the Biopeptide Complex. Larens cosmeceuticals are the only products consisting of a peptide cocktail of that kind and contain up to 100 times more peptides than the products of other brands.
European markets’ recognition

Products created by the WellU Group are not only appreciated by the consumers’ circle but are also being awarded a range of prizes in the categories of innovation, exclusiveness and are recognized for offering a unique assortment of a wide spectrum of properties.

Among many distinctions that we have received, we would like to particularly emphasize the silver medal won during the 55th World Exhibition on Innovation, Research and New Technologies “Brussels EUREKA 2006”. This distinction is only granted to the groundbreaking scientific discoveries!

Biopeptide Complex – a biologically active ‘bomb’ of natural fish collagen peptides.

Peptides are organic chemical compounds that are formed by amino acid particles bound with a peptide bond.

- **oligopeptides** – short chains formed of few amino acids
- **polypeptides** – longer chains formed of 10 and more amino acids

Oligo- and polypeptides exhibit strong anti-ageing properties as they are responsible, i.a., for regulating cellular processes and intercellular communication, affecting significantly skin functioning.

How do peptides work?

- **signal peptides** stimulate the fibroblasts to produce skin supporting fibres: collagen and elastin and, by doing so, smoothen wrinkles

- **relaxing peptides**, neurotransmitter inhibitors, so-called neuropeptides – block nerve impulses and relax muscles responsible for the formation of mime wrinkles (‘wrinkle iron’, ‘botox like’ effect)

- **transporting peptides** – they reach the areas of the biological activity, bind with other substances and transport them deep into the dermis
Peptides stimulate particular processes in the skin:

- they increase the thickness of the dermis and the epidermis
- increase the cohesion and elasticity of the skin
- transport active ingredients into the dermis
- stimulate dermis cells to produce collagen and elastin (energizing properties), accelerate the regeneration process of damaged and weakened skin cells
- shallow the wrinkles, reduce irregularities, scars

Peptides are also being applied in the treatment of dermatologic diseases in which their properties of stimulating skin proteins synthesis are used. Thanks to their much smaller particles, consisting of less than 20 amino acids, unlike macromolecular proteins – such as collagen, peptides are capable of penetrating the skin barrier and reaching deep into the dermis layers.

Parameters responsible for the therapeutical properties of the biopeptides are their structure, biological activity, as well as their high content in the formula – that is a huge advantage of the Larens products.

**Nutrivi water – a brilliant carrier**

All of the Larens products are based on Nutrivi water, organized, thanks to special generators, into hexagonal structures. The use of Nutrivi water in Larens products stands as an example of a perfect synergy with all the remaining ingredients, Biopeptide Complex included. Being a perfect carrier, it allows the skin to almost completely absorb active and nourishing substances contained in the cosmeceuticals, strengthening and nurturing the skin to a much greater extent. It has an enormous ability to penetrate every, even damaged skin cells. It provides intense hydration, stimulates regeneration of damaged structures, strengthens natural defense mechanisms and soothes irritations. It’s produced thanks to generators that are an incredible invention, capable of changing water structure.

**Nutrivi water:**

- hexagonal water, ordered in the structure
- acts as a perfect carrier and solution for active substances
- penetrates the majority of cells, providing hydration for deep dermis layers
- secures a very high absorbance for the active substances
A carefully composed set of two bestselling, signature Larens products: Serum Face, Hair & Body Repair Spray 150 ml – revolutionary peptide serum for face, hair, and entire body and Syn Ake Eye & More 15 ml – intensive point serum for under the eyes and mime wrinkles. The two products synergically complement each other to provide anti-ageing care. The result of their application is a young, nourished and hydrated skin, shallowed wrinkles and brightened sight.

Winner of the title Kobieca Marka Roku 2018 (Women’s Brand of the Year 2018).

A revolutionary, multipurpose peptide serum for face, body, and hair, based on a unique Biopeptide Complex formula and Nutrivi water. Its multifunctionality derives not only from the diversity of applications but also the wide spectrum of action. The composition of the active ingredients assures that they work in numerous directions: regenerating, soothing, nourishing and protecting. A handy and universal form of serum proves irreplaceable in many fields and is a cosmetical must-have for the entire family.

Winner of the title Qltowy Koncept 2016 (Iconic Concept 2016).

Active ingredients: Biopeptide Complex, Hydromanil™, biotin, vitamin C, colloidal silver

An intense point serum for under the eyes and mime wrinkles. Contains a complex of bioactive fish collagen peptides and SYN®-AKE – a neuropeptide imitating the properties of the viper (temple viper) venom toxins, which relaxes and blocks muscular contractions, taming mime wrinkles. A rich composition of product’s active ingredients rejuvenates and nourishes the delicate skin around eyes, provides a high level of hydration, brightens the shades and reduces swellings.

Winner of the title Qltowy Kosmetyk 2018 (Iconic Cosmetic 2018).

Active ingredients: Biopeptide Complex, SYN®-AKE, RonaCare® VTA, Pepha-Tight, Eyeseryl®, collagen, Centella Asiatica, D-Panthenol, Zemea® (propanediol)
**THE SYNERGY OF NATURE AND SCIENCE**

**ENZYMATIC PEELING**
Enzymatic peeling for face, neck, and cleavage. Thanks to the synergy of active ingredients, the cosmetic demonstrates comprehensive properties: gently exfoliates dead skin cells, leaving a face smoothed with even colouring, soothes irritations, moisturizes and improves skin blood circulation, preparing it for further skin care treatments.

*Active ingredients:* Biopeptide Complex, Peelmoist, L-Arginine, American witch-hazel

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**HYALURON SERUM**
A light cream-gel consistency serum. Apart from the Biopeptide Complex it contains low and high molecular hyaluronic acid, which perfectly hydrates the skin and by doing so, protects it against the ageing processes. Serum binds water already in the deep layers of the skin and protects a natural film that strengthens hydrolipid skin barrier. It prevents skin water loss. It smooths, firms and evens the skin colouring. It’s dedicated for any skin type, especially one lacking firmness and tiredness, it’s recommended as an intense moisturizing treatment.

*Active ingredients:* Biopeptide Complex, hyaluronic acid, retinol, vitamin E, allantoin, vitamin C, collagen, squalane

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**GLA FACE CREAM**
Intensively regenerating and firming cream with a natural fish collagen peptides and GLA-Complex. Designed for every skin type treatment, especially meant for sensitive, demanding and dry skin with damaged hydrolipid barrier. Thanks to the rich formula product exhibits unique, strongly hydrating, nourishing and regenerating properties. It’s recommended for a mature skin care, as well as for the skin in need of intense regenerating treatment.

*Active ingredients:* Biopeptide Complex, GLA Complex, collagen, borage oil, vitamin E, D-Panthenol, avocado oil, wheat germ oil, ginkgo biloba extract, hyaluronic acid

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**INTENSIVE LINE – FOR AN INTENSE TREATMENT**

50 ml  50 ml  50 ml
COLLAGEN-PEPTIDES GELS – A FOUNDATION FOR THE LARENS SKIN CARE

Products with ORGANIC PLUS mark – free of parabens and PEG, they contain only safe preservatives, are free of mineral oils, artificial colouring and scents.

FACE GEL
A collagen-peptide gel of lifting and anti-wrinkle properties. It’s rich in bioactive substances, i.a. a complex of hundreds of bioactive peptides originating from selected fresh-water fish species; using the Nutrivi water as a carrier. Ingredients stimulate the reconstruction of the natural collagen, hydrate, nourish and soothe irritations, reduce visible ageing signs. Product smoothes, gently tightens, elasticises the skin, strengthening its natural defense mechanisms.

Winner of the title Kobieca Marka Roku 2018 (Women’s Brand of the Year 2018).

Active ingredients: Biopeptide Complex, collagen, silicon, vitamin C

SILVER FACE GEL
A collagen-peptide gel containing a high concentration of the Biopeptide Complex and colloidal silver. Antibacterial and anti-inflammatory silver nano-particles are a powerful weapon in a fight against acne, eczema, also affecting a mature skin. Remaining ingredients of the product stimulate the regeneration of the natural collagen, nourish and soothe irritations, reduce visible ageing signs. Thanks to the unique carrier which is Nutrivi water, gel commences its work in the deepest skin structures.

Active ingredients: Biopeptide Complex, collagen, colloidal silver, vitamin C, lactic acid

REPAIR GEL
Multifunctional collagen-peptide gel for the body. It is based on the Biopeptide Complex formula and Nutrivi water which, together with the remaining ingredients, stimulate regeneration of damaged skin, hair, and nails structures, restore natural collagen and elastin, nourish and soothe irritations, strengthen natural defense mechanisms, prevent skin sagging, hydrate. It’s perfect for the problematic skin treatment – dealing with the AD, psoriasis, irritated, after intense tanning, dried; it can also be used as a specimen for healing injuries, joints malfunctioning and will prove effective fighting cellulite, stretch marks, and scars.

Active ingredients: Biopeptide Complex, collagen, biotin, vitamin C, lactic acid

30 ml
30 ml
200 ml
**HYDRO BALANCE FACE CREAM**

Ultra-moisturizing cream with natural fish collagen peptides and a variety of hydrating ingredients. It’s designed for a daily care of all skin types. It provides intense hydration, regenerates, inhibits ageing process, soothes irritations. Thanks to its light consistency, after application it leaves the skin with comfortable, non-greasy film, granting an immediate smoothness effect. Skin maintains optimum moisture level throughout the day, regains balance, becomes elastic, smooth and radiant.

**Active ingredients:** Biopeptide Complex, collagen, hyaluronic acid, Hydromanil™, colloidal silver, vitamin C, squalane, allantoin

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**LIFTING FACE CREAM**

Exclusive anti-wrinkle and firming cream with natural fish collagen peptides complex and a set of highly effective active ingredients. Dedicated to the care of a mature skin in need of firming and improved elasticity. It provides skin with an immediate effect of lifting, smoothening and hydrating. It protects it against external factors: UV radiation and free radicals. It leaves a non-greasy, comfortable film and is a perfect base for makeup.

**Active ingredients:** Biopeptide Complex, collagen, hyaluronic acid, Regestril®, Pepha®-Tight, vitamin E, RonaFlair LDP®

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**REVITAL MEN FACE CREAM GEL**

Light cream-gel dedicated to the daily care of a demanding men skin, especially one lacking firmness and tired. Comprehensively moisturizes, regenerates the skin, stimulates cellular renewal, effectively smoothes out wrinkles. It supports the functioning of the skin protective barrier, soothes irritations, micro damages and reduces epidermis redness – it’s perfect after shaving. Non-greasy, light consistency assures quick absorption, immediately restoring comfort to the epidermis.

Winner of the title Qłtowy Kosmetyk 2017 (Iconic Cosmetic 2017).

**Active ingredients:** Biopeptide Complex, Calmosensine, Matrixyl 3000®, Hamamelis virginiana extract, collagen, hyaluronic acid, vitamin E, allantoin, squalane
DERMO LINE – FOR A SKIN REQUIRING SPECIAL TREATMENT

Dermo Line products are organic, free of parabens and PEG, contain only safe preservatives, and are free of mineral oils, artificial colouring and scents.

Derma Face Cream
Revolutionary cream with a Biopeptide Complex and ectoine, dedicated to the daily care of a sensitive, irritated, dry skin exposed to harmful external factors. It’s ideal for treatment of a problematic skin prone to allergies, suffering from atopic dermatitis and psoriasis. It provides a high level of long-lasting hydration, regulates the activity of the sebaceous glands, soothes inflammations, itching, relieves symptoms and supports treatment of skin problems. Helpful in the treatment of sensitive child skin.

Active ingredients: Biopeptide Complex, ectoine, vitamin E, allantoin, ginkgo biloba, hyaluronic acid, Hydromanil®, Calmosensine, collagen, jojoba oil, squalane

Derma Wash Face & Body
Product for washing face and body. Formula based on the Biopeptide Complex, structured Nutrivi water and a rich composition of active ingredients (i.e., ectoine). While washing it nourishes, moisturizes, soothes irritations and redness. It exhibits sebo regulating properties, protects cells against external factors. It’s designed for daily use and particularly recommended for skin prone to acne, allergy and in general sensitive, it will also serve for washing sensitive child skin. Brilliant for makeup removal.

Active ingredients: Biopeptide Complex, ectoine, allantoin, argan oil, aloe extract

Derma Serum*
Revolutionary peptide serum based on the unique Biopeptide Complex formula and Nutrivi water. Enriched with ectoine becomes a multifunctional product of extraordinary regenerative and nourishing properties. Provides the skin with long-lasting protection against external factors. It soothes and regulates the activity of the skin sebaceous glands. Accelerates natural epidermis healing processes. Active ingredients of the serum noticeably and durably increase the level of skin hydration and firmness. Active ingredients: Biopeptide Complex, ectoine, allantoin, vitamin C, biotin, colloidal silver, collagen

* Before known as Face Repair Spray
Revolutionary spray with a Slim Formula mark. Its formula is based on the microalgae Tisochrysis lutea (Lipout™), that guarantees a permanent slimming and anti-cellulite effect. The product activates the fat burning process in the subcutaneous fat tissue, reduces its excess. Smoothes, restores the tension, elasticity, and firmness of the skin. The effect can be noted already after 28 days of the systematic use. The effectiveness of the product has been confirmed by the research in vitro and in vivo. Lipout™ is an alternative for the invasive treatments reducing the excess of the stored fat.

**Active ingredients:** Lipout™

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A multifunctional body cream designed to fight skin imperfections. Formula based on the Biopeptide Complex, structured Nutriwi water, and Regestril®. The product accelerates the synthesis of collagen, stimulates regeneration and reduces stretch marks. It smoothes and firms the skin, soothes irritations caused by tanning and hair removal. It quickly moisturizes, strengthens effectively inhibiting the ageing process. Restores the softness and elasticity to the skin.

**Active ingredients:** Biopeptide Complex, collagen, Regestril®, Calmosensine, hyaluronic acid, vitamin E, avocado oil, D-Panthenol, allantoin, shea butter

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Intensively regenerating body cream with a Biopeptide Complex of natural peptides. Dedicated to the treatment of dry and damaged skin. It provides a proper moisture level, elasticises and slightly oils the skin, protecting it against external factors. It’s particularly recommended for massages. A product for an entire family. Available in aromatic and scent free versions.

**Active ingredients:** Biopeptide Complex, aloe vera, ginkgo biloba, lanolin, collagen
HAIR REPAIR SHAMPOO

A repair shampoo for all hair types based on the Biopeptide Complex formula and Nutrivi water. Balanced properties of natural peptides, keratin and vitamin complex (vitamin A, E, H, B5) strongly rebuilds damaged hair structures, fills in lost cuticles. It provides hair with the correct moisture level, elasticity, and healthy looks. It does not contain salt, parabens, silicones, mineral oils, SLES & SLS, artificial colouring.

Active ingredients: Biopeptide Complex, keratin, vitamins H, B5, A, E, corn oil, chestnut seed oil, inositol

REVITAL SHOWER GEL

Regenerating and nourishing shower gel based on the Biopeptide Complex formula and Nutrivi water. The synergy of natural peptides and the composition of active ingredients stimulates microcirculation, provides the correct level of hydration for the skin, leaving it refreshed and soft. Gel cleans thoroughly without the risk of irritation, is safe for any skin type. ORGANIC PLUS formula.

Active ingredients: Biopeptide Complex, macadamia oil, allantoin, D-Panthenol, aloe vera, Fucus vesiculosus extract

MICELLAR LOTION

Makeup removing lotion based on the Biopeptide Complex formula and Nutrivi water. It serves a triple purpose: thoroughly cleanses and refreshes, removes makeup and tones the skin. It’s dedicated to every skin type, has soothing properties and restores the correct moisture level.

Active ingredients: Biopeptide Complex, collagen, aloe vera, colloidal silver, vitamin C, allantoin

Products with ORGANIC PLUS mark – free of parabens and PEG, they contain only safe preservatives, are free of mineral oils, artificial colouring and scents.
THE SYNERGY OF NATURE AND SCIENCE

**REPAIR HAND CREAM**
Intensively regenerating hand cream with natural peptides complex, dedicated to the damaged and dried hand skin. It secures a correct level of moisture and protects against external factors. It effectively soothes irritations, accelerates the regeneration of the epidermis and thanks to the biotin content it also strengthens nails.

**Active ingredients:** Biopeptide Complex, collagen, urea, allantoin, biotin

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**NAILS & MORE REPAIR MASK**
Fixing and regenerative mask for nails and cuticles. Thanks to the presence of bioactive fish collagen peptides and a range of amino acids, it regenerates, smoothes and strengthens nail plate and the cuticles around it. Perfect as a regenerative treatment after a manicure.

**Active ingredients:** Biopeptide Complex, collagen, biotin, urea

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**AQUA SPRAY**
Light, moisturizing and refreshing spray peptide mist. It refreshes, vitalizes, elasticizes the skin, soothes irritations. Perfect for the daily care of a skin exposed to the harmfulness of dry, hot air, wind and sun, recommended for people who spend time in air-conditioned or heated spaces. Can be applied on top of makeup.

**Active ingredients:** Biopeptide Complex, collagen, colloidal silver, Hydromanil™, hyaluronic acid, vitamin C

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**LIP BALM**
A nourishing lip balm enriched with Biopeptide Complex and a range of active ingredients of intense regenerating, moisturizing and oiling properties. Effectively prevents dryness, helps to maintain smoothness and softness of lips.

**Active ingredients:** Biopeptide Complex, jojoba oil, natural plant wax, vitamin E

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50 ml 16 ml 100 ml 4.1 g
**ACTIVE INGREDIENTS PRESENT IN LARENS PRODUCTS**

**Allantoin** – facilitates wounds healing, alleviates psoriasis symptoms, has an anti-inflammatory effect, accelerates skin regeneration. It stimulates healing by second intention, meaning the creation of a new connective tissue containing a rich net of capillaries, accelerated wound healing, and collagen generation. Easily penetrates the epidermis. Softens it and removes its dead cells.

**Aloe vera** (aloe extract) – has strong moisturizing, smoothing, and firming properties – stimulates fibroblasts to increase the collagen production. Accelerates healing and scarring of wounds, has anti-bacterial properties (against Staphylococcus aureus, E. coli) that mitigate acne symptoms. Aloe moisturizes, firms, regenerates and postpones skin aging.

**American witch-hazel** – exhibits strong astringency, antihaemorrhagic and antibacterial properties. Improves skin blood supply and narrows blood vessels. Stimulates cellular division processes – stimulates and accelerates healing and regeneration of an irritated skin, soothes sunburns, prevents infections. It soothes inflammations of a vesicular, reddened and irritated skin.

**Argan oil** – one of the most cherished oils in the world, called ‘Morocco’s gold’ has won a great appreciation in the contemporary medicine and cosmetology. It is obtained from the fruits of the argan tree by the cold pressing method. The richness of the argan oil is first and foremost its unique composition – it contains a special combination of lipid acids that stimulate the intracellular oxygenating process, reinstating hydrophilid protection and ensuring sufficient skin moisture level. Furthermore, it prevents wrinkles and slows down the skin aging thanks to the high content of vitamin E that is one of the strongest anti-oxidants and has hydrating properties.

**Avocado oil** – natural sun blocker, rich in vitamins A, E, K and PP, chlophyll and unsaturated fatty acids. Perfectly moisturizes and oils, it is a perfect solution for treating a skin that is extremely dry, damaged and sensitized.

**Biopeptide Complex** – a complex patented by WelU containing a precious combination of oligo- and polypeptides that ensure immediate, long-lasting hydration in all skin layers. Their use in cosmetology results in elastic body, filling of furrows and uneveness, they also prevent skin sagging. Peptides are used to transport active ingredients into the skin. They penetrate the epidermis, stimulate fibroblasts to produce collagens, elastin and collagen. They are helpful in fight against discoloration, they lighten and even the skin colour.

**Biotin** – called a beauty vitamin, helps to maintain a healthy look of the skin, hair, and nails. It strengthens and nourishes, prevents split ends and falling out of hair. Hair breaks less, regains its smoothness and natural shine.

**Borage oil** – a source of gamma-linolenic acid belonging to EFA (essential fatty acids), as well as of flavonoids, tannins, and mineral salts. Recommended for dry and sensitive skin due to the strong moisturizing, regulating and nourishing properties. Eliminates peeling of the epidermis and efficiently soothes irritations.

**Calmosensine** – innovative lipopeptide which decreases the feeling of irritation of the skin providing comfort and relaxation by affecting neuro-receptors. Calmosensine contains an active ingredient that relaxes while it also stimulates the production of endorphins and by doing so increases the comfort of an overreactive skin.

**Centella Asiatica** – extract from the leaves of the Asiatic pennywort (Centella asiatica). Exhibits strong antioxidant properties, improves skin blood circulation and strengthens the walls of the blood vessels – prophylaxis of oedema formation; decreases the capillary permeability, care of the vascular skin. Stimulates hyaluronic acid synthesis. Influence the fibroblasts metabolism stimulating them to collagen and elastin synthesis – smoothens wrinkles, increases density and elasticity of the skin. Has strong anti-inflammatory properties.

**Chestnut seed oil** – exhibits soothing properties, decreases hair greasing, tightens and smoothes the skin. It is a natural sun blocker that also absorbs UVB radiation.

**Collagen** – guardian of the youth, is the most important protein in the human organism. It forms 30% of the complete human protein mass and is responsible for resilience, firmness, proper moisture level and constant cell regeneration. It guarantees skin rejuvenation and inhibition of its ageing. Provides long-lasting protection against moisture loss, improves skin’s elasticity and smooths the wrinkles. Its systemic use effectively inhibits the loss of natural collagen contained in the skin. Thanks to its incredible properties, it creates a protein net on the skin, preventing water loss and making cells resilient and stimulating them to produce their own collagen. The skin becomes more delicate and smooth, its firmness improves, it quickly regains its elasticity, resilience and healthy looks, wrinkles get smoothened, ageing-process postponed.

**Colloidal silver** (silver nanoparticle) – an incredibly efficient anti-bacterial and anti-inflammatory ingredient. Colloidal silver is a strong, natural antibiotic, and it also prevents against a singular spreading of bacteria, viruses, fungi, bacteria, particles of the colloidal silver deactivate an enzyme responsible for their oxygen metabolism. By doing so they make the pathogen susceptible and die to be later removed from the organism by the immune system. Unlike the pharmaceutical antibiotics, the colloidal silver recognizes the structure of enzymes present in multicellular organisms, leaving them intact. This makes the substance perfectly safe for people and other multicellular organisms. This ‘life element’ regenerates and hydrates, relieves the epidermis, soothing all kinds of irritations. It’s also a powerful weapon in a fight for maintaining young and resilient skin.

**Corn oil** – softens the hair, providing it with shine and makes brushing easier. It stimulates the hair growth, strengthens hair follicles and inhibits ageing processes. Corn oil also improves the blood supply in the skin which promotes the production of healthy strands. Corn oil contains a rightly balanced omega-3 and omega-6 fatty acids that control the inflammatory states of the head skin preventing it from drying and peeling.

**D-Panthenol** – also known as vitamin B5. A natural component present in skin and hair. Essential for their proper formation and growth. It contributes to preventing the water loss, stimulates the cell division and by doing so accelerates the epidermis regeneration processes, makes it more elastic and softer. Has anti-inflammatory properties, soothes and relieves irritations, stimulates the epidermis to cure minor injuries.

**Eyeseryl®** – a bioactive tetrapeptide of the new generation, exhibits strong antioxidant properties. Effectively prevents edema caused by the weakened lymphatic flow and the capillary transudation, dullness of the delicate skin under the eyes. It inhibits glycation – collagen caramelizeation, during which this protein loses its properties, resulting in skin ageing. It prevents the elasticity loss and forming of so-called ‘bags’ under eyes. It quickly reduces edemas and improves skin’s elasticity. It lightens up shades and rejuvenates the look of the delicate skin around eyes.

**Fucus vesiculosus** (extract from bladder wrack - an algae from Fucaceae family) – it helps to overcome the acne, mitigates psoriasis syndromes, restores skin its natural pH, contributes to wounds’ healing, helps to fight stretch-marks, has anti-cellulite and anti-inflammatory properties, improves skin colouring, regular application promotes regenerative processes and cellular restoration. Bladder wrack contains organic and non-organic iodine, mucin compounds: algic acid, fucoidin, laminarin, mannitol and the entire range of vitamins (B1, B2, C, D, E, H, K, folic acid) microelements (iron, manganese, cobalt), it’s rich in amino acids, glycine, proline, which form elastin fibers. The use of bladder wrack improves skin hydration and elasticity. Polymers that it contains have hygroscopic properties and form on the skin a hydrating layer that prevents skin water loss. Seawater contains minerals, including a high concentration of sodium, calcium, chlorine, magnesium, iron. Such combination assures that products that contain it contribute to the mineral cell restoration, and hence, regeneration of the skin and restoring it healthy and young looks.

**Ginkgo biloba** (maidenhair tree extract) – thanks to the presence of numerous flavonoids, ginkgo has a beneficial effect on the skin microcirculation and strengthens the vascular walls preventing the creation of so-called ‘spider veins’. As it contains flavonoids and terpenes, ginkgo postpones the skin aging process. Flavonoids increase the fibroblasts synthesis in the skin, vitamin C oxidation and by preventing the Vitamin C destruction they increase the synthesis of collagen and improve the tissue integrity. Terpenes inhibit the allergy activating and free radicals releasing factors.

**GLA Complex** – otherwise known as gamma-linolenic acid belongs to the group of omega-6 type unsaturated fatty acids. An insufficient concentration of the GLA may cause skin problems such as: dry skin, loss of elasticity, over-sensitivity, discolourations, seborrhoea, acne, allergy and psoriasis. Applied directly to the skin replenishes natural GLA deficiency, corrects any abnormalities in the functioning of the cells, improves the skin’s resistance to harmful external factors.

**Hyaluronic acid** – it’s a mucopolysaccharide that combines together collagen and elastin fibres in the dermis. Hyaluronic acid acts like a moisturizer – binding water (one molecule of hyaluronic acid particle is capable of binding 250 water particles), protects against drying, softens the epidermis, supports protective properties. Its role in the cosmeceutical is two-fold. The high-molecular weight is too large to penetrate the stratum corneum, however, it creates...
on its surface a layer that is, on one hand, absorbing humidity from the sur-
rrounding, and, on the other, prevents water from evaporating from the skin,
serving as a sort of a skin. The low-molecular acid built of much smaller
particles penetrates the epidermis, seals, and hydrates it and adds elasticity to
it. The skin becomes much better hydrates, resilient, while the surface
wrinkles are reduced by being ‘pushed up’. The ingredient is also used as
a natural film, covering the stratum corneum (against the penetration of
chemical substances and bacteria). It also plays the role of a carrier, mean-
ging a substance facilitating the insertion of other ingredients into the skin.

**Hydramani™** – a carefully selected substance of natural origin is a perfect
moisturizer. Natural hydrating particles that build Hydramani™ – galac-
tomanonnans are extracted from the seeds of the Peruvian plant tara (Caesal-
pinia spinosa) that is very resistant to an extremely dry climate of the An-
des region. As an active ingredient of the serum, it remains on the surface
of the stratum corneum providing an immediate moisturizing effect giving
the skin a more homogeneous look. In a longer perspective, they limit the
transepidermal loss of water. Hydramani™ also assures the regulation of
the epidermis exfoliation, leading to the improvement in the skin appear-
ance, as it gains elasticity and softness. Hydramani™ causes an immediate
increase in moisture level which is much higher than the one obtained by
its components separately. Thanks to the 3D Matrix technology it maintains
the moisture effect after 24 hours.

**Insolil** – also known as vitamin BB. Prevents hair loss, strengthens its foli-
cles promoting the production of healthy strands. Influence healthy hair look.

**Jojoba oil** – obtained from the pressed seeds of the Californian simonum
bush, also known as jojoba (Simmondsia chinensis). It’s perfectly absorb-
able by the skin, it strengthens the layer of intracellular ‘concrete’ and in
result prevents dry skin. Can be used with any skin type and it’s particularly
recommended for inflammation, and acne.

**Keratin** – aims to regenerate damaged hair, means replenishes natural
ingredients that build the hair structure. Therefore, keratin is meant for hair
that is dry, breaking, mat and damaged, i.e. by chemical treatments.

**Lactic acid** – stimulates fibroblasts to produce collagen and facilitates
an absorption of peptides and other active substances. It smooths and re-
duces wrinkles, leaving the skin elastic and resilient. It unblocks skin pores
and due to its anti-bacterial properties prevents inflammations and creation
of pimples and blackheads. It regulates skin pH and is a natural preservative.

**L-Arginine** – being an indispensable component of the synthesis of the
nitric oxide that is responsible for widening the capacity of blood vessels,
L-arginine influences correct contractility of the blood vessels, improves
blood circulation. Has a similar to a massage influence on a skin, as it im-
hibits free radicals. Its effectiveness in combating skin imperfections has been prov-
ven in numerous scientific research in vivo and in vitro. The 3% concentration
of this compound visibly reduces stretch marks (even by 72%) and
effectively prevents the creation of the new ones.

**Retinol** – exhibits strong anti-wrinkle properties. It stimulates the cellular
regeneration and collagen production, decreasing the appearance of minor
and deeper wrinkles as well as discoulourings caused by natural and photo-
aging of the skin. Additionally, it helps to narrow pores, corrects imperfec-
tions, unifies skin tone.

**RonaCavi VTA** – is a synergy of three active substances contained in one
liposome. It exhibits strong antioxidant properties, secures proper ten-
sion and hydration of the skin, inhibits disintegration, increases the release
and improves the position of glycosaminoglycans – hygroscopic skin provi-
sions (so-called GAGs, the best known of which is hyaluronic acid).
The result of their use is soft, radiant, deeply and long-lastingly hydrated skin,
and hence, visibly shallowed wrinkles.

**RonaFlair LDP** – provides an effect of optical smoothing by filling up
furrows and wrinkles. Makes the skin smoother and more elastic. Eliminates
the problem of skin shine and gives it a more natural look.

**Shea butter** – a rich source of unsaturated fatty acids, as well as vitamins
A, E, and F. Contributes to the improvement of moisture, elasticity, and
skin smoothness. Provides perfect protection against the influence of the
external factors and the UV radiation.

**Silicon** – the element of health and beauty, helps to maintain elastic
and resilient skin. It takes part in collagen biosynthesis, slows down the skin
aging. Due to its absorbing properties, it controls the sebum secretion,
clears the sebaceous gland, prevents acne. It limits inflammations, burns
(including sunburns), rosacea. Accelerates wounds healing.

**Squalane** – by providing nutrients it deeply moisturizes and oxygenates the
skin, prevents the damage caused by the UV, age spots, it stimulates
the cells growth, exhibits anti-bacterial properties. It makes the skin soft and
smooth.

**SYN-AKE** – a synthetic neuropeptide mimicking the properties of the toxin
found in the viper venom (temple viper) – known as the strongest relax-
ning peptide. Neutralizes micro-contractions of the muscle fibres – inhibits
acetylcholine receptors located on the surface of the muscle cells – the
mechanism resembles that of the botulin toxin (‘botox-like’ effect). It pro-
vides a visible effect of smoothened skin, prevents the creation of new
wrinkles and deepening of the existing ones.

**Urea** – hydrating ingredient, forming a part of NMF – natural moisturizing
factor. Has hygroscopic properties – attracts water, retains it and does not
let it evaporate from the skin. It regulates keratosis and softens the epidermis.
Increases the permeability of the stratum corneum, making it easier for ac-
tive ingredients to penetrate the deeper layers of the skin.

**Vitamin C** – an effective weapon is a struggle against discolouring, ery-
theima, and vascular changes, improves the blood vessels condition. It vi-
silently reduces wrinkles, exfoliates, oxygenates and brightens the skin,
which in result becomes smooth, resilient and lightened. Apart from
strengthening capillaries, vitamin C stimulates the collagen production.

**Vitamin E** – called ‘youth elixir’ by specialists. Characterized by strong an-
tioxidizing properties. Protects the epidermis lipid layer, improves blood
supply, helps in dealing with acne and seborrhoea, ensures stability and
proper permeability of cell membranes. It nourishes the skin, neutralizes
the negative influence of the UV radiation. Has anti-inflammatory and
anti-edematous properties, improves the elasticity of the connective tissue.
Smooths and moisturizes the skin. Its deficiency leads to keratosis and pre-
mature skin ageing as well as the worsened wound healing.

**Vitamin H** – prevents seborrhoea, as well as increased activity of sebaceous
glands. This vitamin contributes towards the growth of the increased num-er of hair by stimulating the organism’s vitamin absorbance and by doing
so improving cell development.

**Wheat germ oil** – extremely valuable fat of oestrogenic properties, rich in
EFA (essential fatty acids), vitamins, minerals, lecithins, enzymes,
phytosterols, carotenes, phytohormones. Prevents skin dehydration, pro-
utes it against the destructive influence of the UV rays, bacteria and
free radicals.

**Zemea** (propandiol) – is a natural, skin-friendly active ingredient that in
synergy with glycerine, present in the serum, provides the skin with desir-
able prolonged and deep hydration effect as well as better absorbance of
active ingredients.