

exolab
ITALIA

EXOCOMPLEX[®]

PATENTED FORMULATIONS

INGREDIENTS LINE & OFF-THE-SHELF FORMULATIONS
FOR FOOD SUPPLEMENTS

POWERFUL ANTIOXIDANT EXOSOMAL (PDEVs) PHYTOCOMPLEXES



MADE IN
ITALY



GLUTEN
FREE



LACTOSE
FREE



NO CMO



PATENTED
EXTRACTION
PROCESS



NO ANIMAL
DERIVED
INGREDIENTS



LOW
CALORIES



ZERO
WASTE



ZERO RESIDUE
NO SOLVENT



ITALIAN ORGANIC
PLANT EXTRACTS



GOOD MANUFACTURING
PRACTICES



SCIENTIFICALLY
PROVEN RESULTS

*"Nature is great in great things,
but is greater in the small ones."*

This is the mantra that is framed in the walls of our Innovation
Lab that guides us in our daily choices!

IN COLLABORATION WITH



UNIVERSITÀ
DELLA CALABRIA



UNIVERSITÀ
DEGLI STUDI
DELL'AQUILA



UNIVERSITÀ
DEGLI STUDI
DI TERAMO

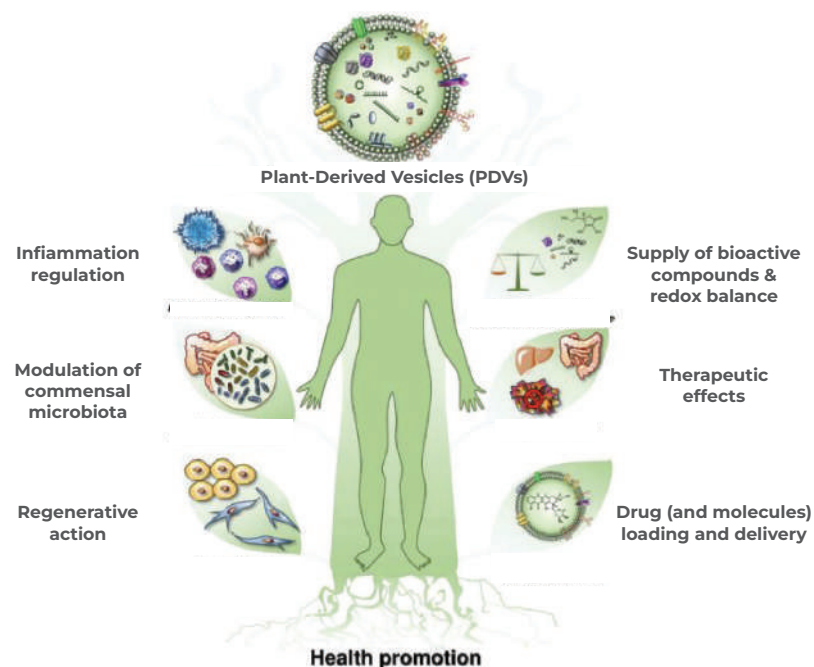


UNIVERSITÀ
DI SIENA
1240



FROM EXOSOMAL RESEARCH A NEW NUTRACEUTICAL LUXURY FOR RADIANT AND HEALTY BEAUTY

ExoLab Italia, an Italian biotech company, is the first company in the world that, with a background of over 20 years of research at the Italian National Institute of Health from its founders, is establishing itself in the **innovative use of extracellular vesicles (EVs) or synergistic plant exosomes (Plant-Derived Vesicles PDVs) (EXOCOMPLEX®)**, derived from Italian organic fruits and plants, to ensure the completeness and the best bioavailability of **the main antioxidants of the phytocomplex**, vitamins, minerals, fibers, EAAs, other vital nutrients and MiRNA^{1,16}, to support targeted **bio-revitalization** and **bio-regeneration**:



“Exosomes (EVs)” are the main “information and regulation of vital molecules shuttle between human, plants and animals cells”

ExoLab Italia is a dynamic italian industrial reality that stands out for:

- **Selection** of an active synergy of selected organic plant, for the highest concentration of Plant exosomes that contain the highest concentration of plant bioactive substances
- **Analysis, characterization and stabilization** of EXOCOMPLEX® synergistic exosomal extracts
- **Production of patented and unique synergistic** formulations “EXOCOMPLEX® exosomal system” for food supplements
- **Assessment of intestinal transit and absorption** – INFOGEST - pre-clinical and clinical research studies in collaboration with various Universities
- **The ingredients** of EXOCOMPLEX® are not classified as Novel Foods according to EU Regulation No. 2015/2283

All EXOCOMPLEX® are:
complete but they can be combined with other nutritional components. Freeze-dried powder form and are available for capsules, sachets, and liquids.
Available both as ready-to-use off-the-shelf formulations and as fully customized finished formulations



EXOCOMPLEX® PORTFOLIO

AGING, BEAUTY AND HEALTH:

EXOCOMPLEX® ANTIAGE
EXOCOMPLEX® SKIN PROBIO
EXOCOMPLEX® HAIR BOOSTER
EXOCOMPLEX® GUT PRO

RELAXING AND SLEEP:

EXOCOMPLEX® SWEET DREAM

WOMEN'S HEALTH:

EXOCOMPLEX® FOR HER

IMMUNITY GALT SYSTEM:

EXOCOMPLEX® IMMUNE

MEN'S HEALTH:

EXOCOMPLEX® FOR HIM

AGING, BEAUTY AND HEALTH

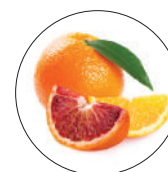
EXOCOMPLEX® ANTIAGE

A UNIQUE PLANT-DERIVED EXOSOMAL SYSTEM FOR ADVANCED ANTI-AGING



EXOCOMPLEX® ANTIAGE: unique association of exosomal organic fruit extracts, exceptionally rich in anti-aging natural molecules highly bioavailable for human use.

ACTIVE INGREDIENTS:



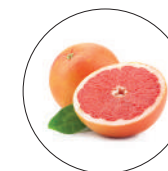
Blood and Blond Orange
(*Citrus sinensis*)



Lemon
(*Citrus limon*)



Bergamot
(*Citrus bergamia*)



Grapefruit
(*Citrus paradisi*)



Mango
(*Mangifera indica*)

with Trehalose (as support)

5 MG= 5 BILLION OF EXOSOMES TO 10 MG= 10 BILLION OF EXOSOMES

REGISTRATION STATUS: FOOD

DESTINATION USE: FOOD SUPPLEMENT/FOOD

EXPIRY DATE: 24 MONTHS

	EXOCOMPLEX® – Patented plant-synergy components				
Main exosomal bioactive modulators	Blood and Blond Orange (Citrus sinensis)	Lemon (Citrus limon)	Bergamot (Citrus bergamia)	Grapefruit (Citrus paradisi)	Mango (Mangifera indica)
SOD1 (Main antioxidant exosomal enzymes)					
CATALASE (Main antioxidant exosomal enzymes)					
GSH* (Main antioxidant exosomal enzymes)					
L-Ascorbic acid					
Myo-Inositol					
Polyflavonoids, Ferulic acid; p-coumaric acid	Hesperidin	Hesperidin		Naringerin	
All Vitamins					
Minerals and Oligoelements					
Tryptophan					

GSH*: Glutathione

- 6 Organic plant exosomes extracts synergy : characterized, measured, and stabilized
- 5 mg= 5 billion of exosomes to 10 mg= 10 billion of exosomes
- Exosomes are the most effective vehicles for delivering maximum concentrations of antioxidant substances, natural vitamins, minerals, and polyphenols, ensuring an effective, natural, and controlled anti-aging, protective, and regenerative action



PRECLINICAL STUDY

Mouse model. EXOCOMPLEX® ANTIAGE supplementation for **3 weeks** in mouse group vs mouse model group without treatment.



RESULTS

In treated mice group

-36%

LEVEL
OF ROS

-24%

LEVEL OF
MALONDIALDEHYDE

-71%

LEVEL OF
8-OHdG

A high organic level of **malondialdehyde** is an important sign of a risk factor for 'inflammaging, promoting several dysfunctional states.

High levels of **8-Hydroxy-2 Deoxyguanosine (8-OHdG)** indicate greater oxidative damage to DNA.



DESTINATION OF USE

EXOCOMPLEX® ANTIAGE is an antioxidant adjuvant to counteract and rebalance the processes of intense oxidative stress and promote regeneration when needed:

- Accumulation of free radicals (ROS) due to sports, intense physical activity (even outdoors), work in polluted and industrial environments, smoking, alcohol consumption, and menopause
- Cellular senescence and aging
- Functional decline in metabolic, cardiovascular, neurological, hormonal, and osteoarticular system
- Skin aging and photo-aging (skin, hair, nails)
- Inflammaging

AGING, BEAUTY AND HEALTH

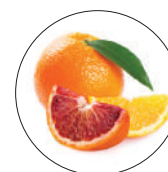
EXOCOMPLEX® SKIN PROBIO

A UNIQUE PLANT-DERIVED EXOSOMAL SYSTEM FOR ADVANCED SKIN ANTI-AGING



EXOCOMPLEX® SKIN PROBIO: unique association of exosomal organic fruit and vegetable extracts, exceptionally rich in antioxidant enzymes, polyphenols, vitamin C, and other bioactives aimed at combating skin aging and damage.

ACTIVE INGREDIENTS:



*Blood and Blond Orange
(Citrus sinensis)*



*Lemon
(Citrus limon)*



*Red Kiwi
(Actinidia chinensis)*



*Papaya
(Carica papaya)*



*Cichorium
(Intybus)*

with Trehalose (as support)

5 MG= 5 BILLION OF EXOSOMES TO 10 MG= 10 BILLION OF EXOSOMES

REGISTRATION STATUS: FOOD

DESTINATION USE: FOOD SUPPLEMENT/FOOD

EXPIRY DATE: 24 MONTHS

	EXOCOMPLEX® – Patented plant-synergy components*				
Main exosomal bioactive modulators	Blood and Blond Orange (Citrus sinensis)	Lemon (Citrus limon)	Red Kiwi (Actinidia chinensis)	Papaya (Carica papaya)	Cichorium intybus
SOD1 (Main antioxidant exosomal enzymes)					
CATALASE (Main antioxidant exosomal enzymes)					
GSH* (Main antioxidant exosomal enzymes)					
L-Ascorbic acid					
Myo-Inositol					
Polyflavonoids, Ferulic acid; p-coumaric acid	Hesperidin	Hesperidin			
All Vitamins					
Minerals and Oligoelements					
Tryptophan					
ATP					
Prebiotic Fibers					

GSH*: Glutathione

- 6 Organic Plant Exosomes Species synergy: characterized, measured, and stabilized
- 5 mg= 5 billion of exosomes to 10 mg= 10 billion of exosomes
- Exosomes are the best vehicles for delivering the maximum concentration of antioxidant substances, natural vitamins, minerals, fibers, for an effective natural and controlled anti-aging, protective, and regenerative action specific for skin



IN VITRO STUDY*

Dermal fibroblasts in-vitro model treated with EXOCOMPLEX® SKIN PROBIO.

* ExoLab Italia Laboratory studies



RESULTS

EXOCOMPLEX SKIN PROBIO TREATED FIBROBLASTS	VS CTR	VS VIT C
ELASTIN LEVEL	+450%	+250%
COLLAGEN I LEVEL	+159%	+150%

-90%
REDUCTION OF MITOCHONDRIAL OXIDATIVE DAMAGE

+487%
INCREASED MITOCHONDRIAL MEMBRANE POTENTIAL

- Improved skin structure: enhanced production of extracellular matrix components, including collagen I and elastin.
- Reduction in mitochondrial oxidative damage: by 90%, supporting the repair and regeneration skin process
- Increase in ATP production critical for regeneration processes in the skin.
- Accelerated deep skin repair promotes rejuvenation and health



DESTINATION OF USE

EXOCOMPLEX® SKIN PROBIO is an exosomal antioxidant adjuvant to counteract and rebalance the processes of intense oxidative stress and to promote regeneration:

- For skin at all ages: improves tone, brightness, hydration, smoothness, skin texture, counteracts the appearance of wrinkles and sagging skin
- Helps counteract and protect the skin from signs of photo-aging (sun, wind, and salt), preventing skin damage, protecting and supporting the skin's main structural proteins: **Elastin** and **Collagen I**
- Promotes physiological regeneration and skin healing processes
- Targeted support to intensify and accelerate the results of aesthetic medicine and surgery treatments, even between sessions or cycles
- Regulates and balances the functions of the gut-related subcutaneous immune system, rebalancing skin reactivity and sensitivity
- Enhances the activity of Vitamin C when used in combination, creating a unique and more effective synergy whenever a safe and efficient treatment preparation is required

AGING, BEAUTY AND HEALTH

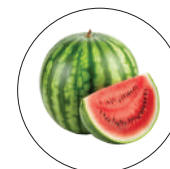
EXOCOMPLEX® HAIR BOOSTER

A UNIQUE AND EFFECTIVE EXOSOMAL SYSTEM, DESIGNED TO SUPPORT HAIR STRENGTH AND WELL-BEING

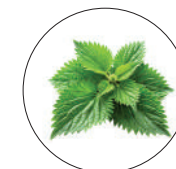


EXOCOMPLEX® HAIR BOOSTER: supports the balance and strength of the hair bulb and hair structure thanks to plant-derived exosomes rich in complete, bioactive and bioavailable phytocomplexes, counteracting oxidative stress, aging processes, and the weakening of the hair bulb and hair.

ACTIVE INGREDIENTS:



Watermelon
(*Citrullus lanatus*)



Nettle
(*Urtica dioica*)



Tomato
(*Solanum lycopersicum*)



Avocado
(*Persea americana*)



Broccoli
(*Brassica oleracea var. italica*)

with Trehalose (as support)

5 MG= 5 BILLION OF EXOSOMES TO 10 MG= 10 BILLION OF EXOSOMES

REGISTRATION STATUS: FOOD

DESTINATION USE: FULL SUPPLEMENT/FOOD

EXPIRY DATE: 24 MONTHS

	EXOCOMPLEX® – Patented plant-synergy components*				
Main exosomal bioactive modulators	Anguria (Citrullus lanatus)	Broccolo (Brassica oleracea)	Ortica (Urtica dioica)	Tomato (Solanum lycopersicum)	Avocado (Persea americana)
lycopene carotenoid					
β-carotene					
Zeaxanthin					
Lutein					
L-Ascorbic acid					
GSH					
Myo-inositol					
Tocopherol					
Phytosterols					
Sulforaphane					
Indoles					
Citrulline precursor of Arginine					
Phospholipids					

GSH*: Glutathione

- A unique synergy of five plant-derived exosomal extracts selected from Italian organic plants, with a characterized, quantified, and stabilized exosome content
- 5 mg= 5 billion of exosomes to 10 mg= 10 billion of exosomes
- Selected plant exosomes ensure optimal bioavailability and deliver concentrated phytocomplexes, antioxidants, vitamins, and essential nutrients, providing a naturally enhanced protective and regenerative boost for stronger, revitalized hair to support microcirculation and follicular nourishment



IN VITRO STUDY*

Dermal papilla cells treated vs untreated



PRE-CLINICAL TEST*

Murine Model: test of hair regrowth in mice treated with testosterone and with EXOCOMPLEX® HAIR BOOSTER for 28 days cycle in the drinking water. Mice were shaved to evaluate hair growth during the treatment.



RESULTS

-27%

5-ALPHA-REDUCTASE
LEVELS

+42%

HAIR REGROWTH IN
THE SHAVED AREA



DESTINATION OF USE

It supports hormonal balance and enhances follicle vitality, improving the health and resilience of the scalp and hair in both men and women.

Key benefit for Man:

- Support against the androgenetic alopecia process through the modulation of 5-α-reductase
- Protection of hair follicles from oxidative stress and micro-inflammation, both key factors in the progression of aging-related and androgen-stress alopecia
- Supporting microcirculation and follicular nourishment for stronger, more resilient, and better-protected hair

Key benefit for Woman

- Modulate androgenic activity (5-α-reductase), helping manage hair thinning linked to hormonal fluctuations such as menopause
- Protects the follicle and enhances density, cellular vitality, and hair resilience, promoting stronger growth
- Provides targeted antioxidant action to counter oxidative stress typical of seasonal shedding, telogen effluvium, and follicular aging

AGING, BEAUTY AND HEALTH

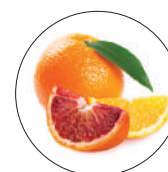
EXOCOMPLEX® GUT PRO

UNIQUE AND INNOVATIVE EXOSOMAL SYSTEM THAT
STRENGTHENS AND REBALANCES THE INTESTINAL
BARRIER FUNCTION



EXOCOMPLEX® GUT PRO: unique association of exosomal organic fruit extracts, exceptionally rich in vital natural molecules and offering enhanced bioavailability for human use.

ACTIVE INGREDIENTS:



Blood and Blond Orange
(Citrus sinensis)



Lemon
(Citrus limon)



Red Kiwi
(Actinidia chinensis)



Ginger
(Zingiber officinale)

with Trehalose (as support)

5 MG= 5 BILLION OF EXOSOMES TO 10 MG= 10 BILLION OF EXOSOMES

REGISTRATION STATUS: FOOD

DESTINATION USE: FOOD SUPPLEMENT/FOOD

EXPIRY DATE: 24 MONTHS

	EXOCOMPLEX® – Patented plant-synergy components			
Main exosomal bioactive modulators	Blood and Blond Orange (Citrus sinensis)	Lemon (Citrus limon)	Red Kiwi (Actinidia chinensis)	Ginger (Zingiber officinale)
SOD1 (Main antioxidant exosomal enzymes)				
CATALASE (Main antioxidant exosomal enzymes)				
GSH* (Main antioxidant exosomal enzymes)				
L-Ascorbic acid				
Myo-Inositol				
Polyflavonoids, Ferulic acid; p-coumaric acid	Hesperidin	Hesperidin		
All Vitamins				
Minerals and Oligoelements				
Tryptophan				
Gingerols				
Prebiotic Fibers				

GSH*: Glutathione

- 5 Organic plant exosomes species: characterized, measured, and stabilized.
- 5 mg= 5 billion of exosomes to 10 mg= 10 billion of exosomes
- Exosomes are the best vehicles for delivering maximum concentrations of antioxidant substances, natural vitamins, minerals, fibers, and digestive enzymes, ensuring an effective, natural, and controlled anti-inflammatory, protective, and regenerative action



IN-VITRO STUDY

The in vitro treatment of intestinal cells (Caco-2 model) **showed a 27% reduction in IL-6.**



PRECLINICAL STUDY

Mouse model: one group of mice was treated for **3 weeks** with hydrogen peroxide (H₂O₂) and EXOCOMPLEX® GUT PRO supplementation, while another group of mice was left untreated.



RESULTS

Obtained in the treated group vs. the untreated group include:

-59%

LEVEL OF ROS IN BONE MARROW CELLS

+133%

INCREASE OF IMMUNOGLOBULINS

These results demonstrate that the supplementation with EXOCOMPLEX® GUT PRO led to a significant reduction in the pro-inflammatory oxidative state and a substantial increase in the physiological levels of intestinal immunoglobulins.

EXOCOMPLEX® GUT PRO, thanks to its unique exosomal synergy, also delivers the maximum amount of natural **gingerols** at the intestinal level, supporting its improved digestive action and waste elimination.

Gingerols have antiemetic activity and help rebalance the intestinal environment, promoting intestinal eubiosis and the functionality of the intestinal barrier.



DESTINATION OF USE

EXOCOMPLEX® GUT PRO is an antioxidant adjuvant to counteract and rebalance the processes of intense oxidative stress and promote:

- Protection against inflammation and infections in cases of unbalanced diet, nausea, SIBO, Leaky Gut Syndrome, IBS, and intestine-related infections
- Prevention and treatment of gut constipation with intestinal irritation.
- Prebiotic effects and positive actions on intestinal flora
- Improvement in concentration and blood triglyceride levels
- GALT immunoglobulins, strengthening the immune intestinal barrier
- The positive modulation of cutaneous inflammatory conditions associated with gut-related dysfunction (dermatitis, acne, skin irritations)

RELAXING AND SLEEP

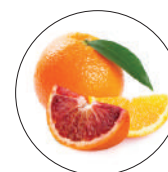
EXOCOMPLEX® SWEET DREAM

UNIQUE AND EFFECTIVE “PLANTS EXOSOMAL RELAXING AND CALMING SYSTEM”



EXOCOMPLEX® SWEET DREAM contains a combination of ingredients selected for their calming and relaxing properties. Thanks to the synergetic effects of Plant Exosomes, it is a food supplement that promotes restful and high-quality sleep.

ACTIVE INGREDIENTS:



*Blood and Blond Orange
(Citrus sinensis)*



*Lemon
(Citrus limon)*



*Red Kiwi
(Actinidia chinensis)*



*Asparagus
(Officinalis)*



*Cherry
(Prunus avium)*



*Papaya
(Carica papaya)*

with Trehalose (as support)

5 MG= 5 BILLION OF EXOSOMES TO 10 MG= 10 BILLION OF EXOSOMES

REGISTRATION STATUS: FOOD

DESTINATION USE: FOOD SUPPLEMENT/FOOD

EXPIRY DATE: 24 MONTHS

	EXOCOMPLEX® – Patented plant-synergy components					
Main exosomal bioactive modulators	Blood and Blond Orange (Citrus sinensis)	Lemon (Citrus limon)	Red Kiwi (Actinidia chinensis)	Asparagus officinalis	Cherry (Prunus avium)	Papaya (carica papaya)
SOD1 (Main antioxidant exosomal enzymes)						
CATALASE (Main antioxidant exosomal enzymes)						
GSH* (Main antioxidant exosomal enzymes)						
L-Ascorbic acid						
Myo-Inositol						
Polyflavonoids, Ferulic acid; p-coumaric acid	Hesperidin	Hesperidin				
All Vitamins						
Minerals and Oligoelements						
Tryptophan						
Melatonin						

GSH*: Glutathione

- 6 Organic Plant Exosomes Species: synergy characterized, measured, and stabilized
- 5 mg= 5 billion of exosomes to 10 mg= 10 billion of exosomes
- Exosomes are the best vehicles for delivering maximum concentrations of antioxidant substances, natural vitamins, minerals, melatonin, and polyphenols, ensuring an effective, natural, and controlled anti-aging, protective, and regenerative action
- Tryptophan from Asparagus (A. officinalis): acts as a precursor amino acid for serotonin synthesis
- Cherry (Prunus avium): supplies plant-based melatonin, enhancing sleep quality. Serotonin, in turn, serves as a precursor to melatonin



PRECLINICAL STUDY

EXOCOMPLEX® SWEET DREAM supplementation for 3 weeks in mice group vs mice group without treatment.



RESULTS

-28%

ROS LEVEL
REDUCTION
IN SERUM

+9%

INCREASE OF
SEROTONIN LEVEL

+99%

INCREASE OF
MELATONIN LEVEL

Treatment with EXOCOMPLEX® SWEET DREAM:

- Increases the natural balance of melatonin, the hormone regulating the sleep-wake cycle, which is also a precursor to serotonin, a neurotransmitter involved in relaxation
- Establishes a positive regulation of endogenous levels of melatonin and serotonin, providing optimal calming and relaxing support for better sleep quality
- Improves the body's ability to adapt to stressful stimuli
- Supports energy recovery and restorative sleep
- Helps reduce the negative effects of chronic stress, such as fatigue, sleep disturbances, and difficulty concentrating



DESTINATION OF USE

EXOCOMPLEX® SWEET DREAM is an antioxidant adjuvant to counteract and rebalance the processes of intense oxidative stress:

- Counteract insomnia, difficulty falling asleep, and states of nighttime restlessness, even in children from 12 years old
- Improved concentration and cognitive quality, enhancing optimal cognitive performance
- Support athlete and muscle recovery
- Relief from insomnia caused by medical conditions (e.g., chronic pain, anxiety, depression, or sleep-disordered breathing)

WOMEN'S HEALTH

EXOCOMPLEX® FOR HER

UNIQUE AND EFFECTIVE PLANT-BASED EXOSOMAL SYSTEM FOR WOMEN'S FERTILITY



EXOCOMPLEX® FOR HER a patented complex of exosomal organic fruit extracts, is designed to meet the unique needs of women by offering vital natural molecules.

This formulation is highly bioavailable and provides support for women's fertility while counteracting oxidative stress and aging.

ACTIVE INGREDIENTS:



*Blood and Blond Orange
(Citrus sinensis)*



*Lemon
(Citrus limon)*



*Bergamot
(Citrus bergamia)*



*Grapefruit
(Citrus paradisi)*



*Mango
(Mangifera indica)*



*Tomato
(Solanum lycopersicum)*

with Trehalose (as support)

5 MG= 5 BILLION OF EXOSOMES TO 10 MG= 10 BILLION OF EXOSOMES

REGISTRATION STATUS: FOOD

DESTINATION USE: FOOD SUPPLEMENT/FOOD

EXPIRY DATE: 24 MONTHS

	EXOCOMPLEX® – Patented plant-synergy components					
Main exosomal bioactive modulators	Blood and Blond Orange (Citrus sinensis)	Lemon (Citrus limon)	Bergamot (Citrus bergamia)	Grapefruit (Citrus paradisi)	Mango (Mangifera indica)	Tomato (Solanum lycopersicum)
SOD1 (Main antioxidant exosomal enzymes)						
CATALASE (Main antioxidant exosomal enzymes)						
GSH* (Main antioxidant exosomal enzymes)						
L-Ascorbic acid						
Myo-Inositol						
Polyflavonoids, Ferulic acid; p-coumaric acid	Hesperidin	Hesperidin	Hesperidin	Naringerin		
Vitamins						
Minerals and Oligoelements						
Tryptophan						
Lycopene						

GSH*: Glutathione

- 7 organic plant exosomes species characterized, measured and stabilized
- 5 mg = 5 billion of exosomes to 10 mg= 10 billion of exosomes
- Exosomes are the most effective vehicles for delivering maximum concentrations of phytocomplex antioxidant substances, vitamins, minerals, and nutrients, providing a natural and controlled anti-aging, protective, and regenerative action of women's physiology



CLINICAL STUDY**

A total of 64 women (aged 31-38) were divided into two groups for an monocentric, randomized, controlled, open label clinical trial:

Group 1: 32 patients treated with standard IVF (In Vitro Fertilisation)

Group 2: 32 patients treated with standard IVF plus **EXOCOMPLEX® FOR HER** (1 capsules per day) for 3 months

** Clinical study under submission and publication



RESULTS

in the treated group supplemented with EXOCOMPLEX® FOR HER (1) vs the untreated control group (2):

+66%

OOCYTES
NUMBER

+47%

OOCYTES
QUALITY

+47%

FERTILIZED
OOCYTES

Treatment with EXOCOMPLEX® FOR HER has been shown to be effective:

- Increasing the quantity (+66%) and quality (+47%) of oocytes at the pick-up moment, providing great benefits to women undergoing hyperstimulation
- Obtaining more oocytes to be fertilized (+47%) and implanted in a single cycle; this reduces the number of hyperstimulation cycles, which are highly invasive
- treated group achieved a clinical pregnancy rate of 30%, compared with 17% in the Control group, representing a substantial relative increase
- ExoLab Italia's research has shown that treatment with EXOCOMPLEX® FOR HER significantly reduces serum 8OHdG levels, positively modulating key molecular aging processes



DESTINATION OF USE

EXOCOMPLEX® FOR HER is a synergistic and specific antioxidant and bioactive components adjuvant, designed to counteract and rebalance the intense oxidative stress processes that lead to the functional decline of female fertility. Use:

- Idiopathic infertility
- To significantly reduce ROS (-25%) oxidative species levels and to counteract aging processes
- To maintain the proliferation and mobility of ovarian cells



IMMUNE GALT SYSTEM

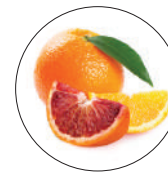
EXOCOMPLEX® IMMUNE

UNIQUE AND INNOVATIVE PLANT EXOSOMAL SYSTEM WITH
IMMUNE-STIMULATING AND ANTI-AGING PROPERTIES



EXOCOMPLEX® IMMUNE: a unique association of exosomal organic fruit extracts, rich in vital natural molecules, providing highly bioavailable support to rebalance and strengthen the immune system while counteracting oxidative stress.

ACTIVE INGREDIENTS:



*Blood and Blond Orange
(Citrus sinensis)*



*Lemon
(Citrus limon)*



*Red Kiwi
(Actinidia chinensis)*



*Papaya
(Carica papaya)*



*Grape
(Vitis vinifera)*

with Trehalose (as support)

5 MG= 5 BILLION OF EXOSOMES TO 10 MG= 10 BILLION OF EXOSOMES

REGISTRATION STATUS: FOOD

DESTINATION USE: FOOD SUPPLEMENT/FOOD

EXPIRY DATE: 24 MONTHS

	EXOCOMPLEX® – Patented plant-synergy components				
Main exosomal bioactive modulators	Blood and Blond Orange (Citrus sinensis)	Lemon (Citrus limon)	Red Kiwi (Actinidia chinensis)	Papaya (Carica papaya)	Grape (Vitis vinifera)
SOD1 (Main antioxidant exosomal enzymes)					
CATALASE (Main antioxidant exosomal enzymes)					
GSH* (Main antioxidant exosomal enzymes)					
L-Ascorbic acid					
Myo-Inositol					
Polyflavonoids, Ferulic acid; p-coumaric acid	Hesperidin	Hesperidin			Resveratrol
All Vitamins					
Minerals and Oligoelements					
Tryptophan					
ATP					

GSH*: Glutathione

- 6 Organic plant exosomes extracts species: characterized, measured, and stabilized
- 5 mg= 5 billion of exosomes to 10 mg= 10 billion of exosomes
- Exosomes are the most effective vehicles for delivering maximum concentrations of antioxidant substances, natural vitamins, minerals, and polyphenols, ensuring a natural and controlled anti-aging, protective, and regenerative action



PRECLINICAL STUDY

Mouse model: one group of mice was treated for **3 weeks** with EXOCOMPLEX® IMMUNE supplementation, while another group of mice was left untreated.



RESULTS

Obtained in the mouse treated group vs untreated group:

+159%
LEVEL OF CELLS
OF IMMUNE SYSTEM

-42%
LEVEL OF ROS

-79%
LEVEL OF
MITOCHONDRIAL
SUPEROXIDE-WWW

Treatment with EXOCOMPLEX® IMMUNE has been shown to be effective in:

- Significantly increasing the physiological production of white blood cells (splenocytes)
- Counteracting oxidation processes that contribute to chronic diseases caused by oxidative stress
- Enhancing mitochondrial antioxidant and energy functionality
- Combating systemic inflammaging and aging processes



DESTINATION OF USE

EXOCOMPLEX® IMMUNE is a synergistic and specific antioxidant and bioactive components adjuvant, designed to counteract and rebalance the intense oxidative stress processes that lead to the functional decline of immune system, in case of:

- Convalescence (following trauma or bacterial and/or viral infections), offering protection and accelerating healing
- Reduction of the risk of infections in individuals predisposed to such conditions
- Contributes to immune system balance and regulation

MEN'S HEALTH

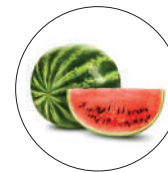
EXOCOMPLEX® FOR HIM

A UNIQUE AND EFFECTIVE EXOSOMAL SYSTEM DESIGNED TO SUPPORT MALE STRENGTH AND WELL-BEING



EXOCOMPLEX® FOR HIM developed through targeted scientific research focused on male physiology, using plant-derived exosomes containing highly bioavailable bioactives to counteract oxidative stress, inflammation, and aging processes.

ACTIVE INGREDIENTS:



Watermelon
(*Citrullus lanatus*)



Broccoli
(*Brassica oleracea*
var. *italica*)



Tomato
(*Solanum lycopersicum*)



Nettle
(*Urtica dioica*)

with Trehalose (as support)

5 MG= 5 BILLION OF EXOSOMES TO 10 MG= 10 BILLION OF EXOSOMES

REGISTRATION STATUS: FOOD

DESTINATION USE: FULL SUPPLEMENT/FOOD

EXPIRY DATE: 24 MONTHS

	EXOCOMPLEX® – Patented plant-synergy components			
Main exosomal bioactive modulators	Watermelon (Citrullus lanatus)	Broccoli (Brassica oleracea)	Ortica (Urtica dioica)	Tomato (Solanum lycopersicum)
Carotenoide licopene → Lycopene carotenoid				
B-Carotene				
Zeaxanthin				
Lutein				
L-Ascorbic acid				
GSH				
Myo-inositol				
Phytosterols				
Sulforaphane				
Indoles				
Citrulline precursor of Arginine				

GSH*: Glutathione

- A unique synergy of 4 plant-derived exosomal extracts obtained from certified organic plants, with a characterized, quantified, and stabilized exosome content
- 5 mg= 5 billion of exosomes to 10 mg= 10 billion of exosomes



IN-VITRO STUDY RESULT *

Cells group EXOCOMPLEX® FOR HIM treated versus *Serenoa repens* cells group treatment (all cells Testosterone treated).

Comparison: Exocomplex® For Him vs *Serenoa repens*

PARAMETER	EXOCOMPLEX FOR HIM	SERENOA REPENS
DHT MODULATION	-35%	-28%
ANDROGEN RECEPTOR MODULATION	-36%	-7%

*Prostate Fibroblasts; Data on-file



PRECLINICAL STUDY**

Mouse model; EXOCOMPLEX® FOR HIM supplementation for 28 days in mice group versus mouse model group without treatment.



RESULTS

In treated mice group vs not treated mice group:

-33%
PROSTATE
SIZE

-20%
PROSTATE-SPECIFIC
ANTIGEN (PSA) LEVEL

-20%
5-ALPHA
REDUCTASE
LEVEL

-46%
PROSTAGLANDIN 2
(PGE2) LEVEL



DESTINATION OF USE

EXOCOMPLEX® FOR HIM is a synergistic and specific antioxidant and bioactive components adjuvant, designed to counteract and rebalance the intense oxidative stress processes that lead to the functional decline of the male physiology in case of:

- disbalance of prostate size and androgen sensitivity, helping prevent the progression of prostate hypertrophy
- disbalance of DHT-related stimulation, supporting hair bulb vitality and improving the strength, density, coverage, and resilience of men's hair, helping to prevent the progression of androgenic alopecia

The synergy driven by EXOCOMPLEX® FOR HIM further strengthens the modulatory activity of *Serenoa repens*

**Data on-file

EXOCOMPLEX® PRIVATE LABEL SERVICE

COMPLETE FULL-SERVICE SUPPORT AND TAILORED PRODUCT CUSTOMIZATION

EXAMPLES	NRV	
INGREDIENTS	VITAMIN/MINERAL VNR ASSESSMENT	DESTINATION OF USE
EXOCOMPLEX® ANTIAGE	Vitamin C	Aging, oxidative stress
EXOCOMPLEX® SKIN PROBIO	Zinc	Skin protection and regeneration
EXOCOMPLEX® HAIR BOOSTER	Biotine and AA	Strengthening of the hair bulb and hair
EXOCOMPLEX® GUT PRO	Prebiotics	Strengthening of the intestinal barrier
EXOCOMPLEX® SWEET DREAM	Magnesium	Relaxation, sleep quality
EXOCOMPLEX® FOR HER	Folic acid (Vit. B9)	Female fertility and well-being
EXOCOMPLEX® IMMUNE	Vitamin D	Immune system
EXOCOMPLEX® FOR HIM	Selenium	Male well-being, vitality

NRV – NUTRIENT REFERENCE VALUES EFSA/EU



EXOCOMPLEX® OFF-THE-SHELF FORMULATIONS

AGING, BEAUTY AND HEALTH:

EXOCOMPLEX® ANTIAGE
EXOCOMPLEX® SKIN PROBIO

WOMEN'S HEALTH:

EXOCOMPLEX® FOR HER

RELAXING AND SLEEP:

EXOCOMPLEX® SWEET DREAM



PHARMACEUTICAL FORMS: CAPSULES, SACHETS, LIQUID SOLUTIONS

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inford@exolabitalia.com

www.exolabitalia.net

Tecnopolo d'Abruzzo, SS17 - località Boschetto di Pile

67100 L'Aquila (AQ) - IT

