

Laboratoire
BOMANN



Cosmétolégumes®

Cosmétolégumes®

A NEW VISION FOR ANTI-AGEING

Stress, pollution and sun are responsible for the oxidation phenomenon that stimulates ageing. Directly exposed to these elements, the skin is the first victim of this oxidation.

We tend to think that the use of anti-radical substances in our formulations is enough to protect ourselves, but other dangerous molecules exist such as lipoperoxides, free-radical starting compounds, and hydrogen peroxide, which are all responsible for endogenous ageing.

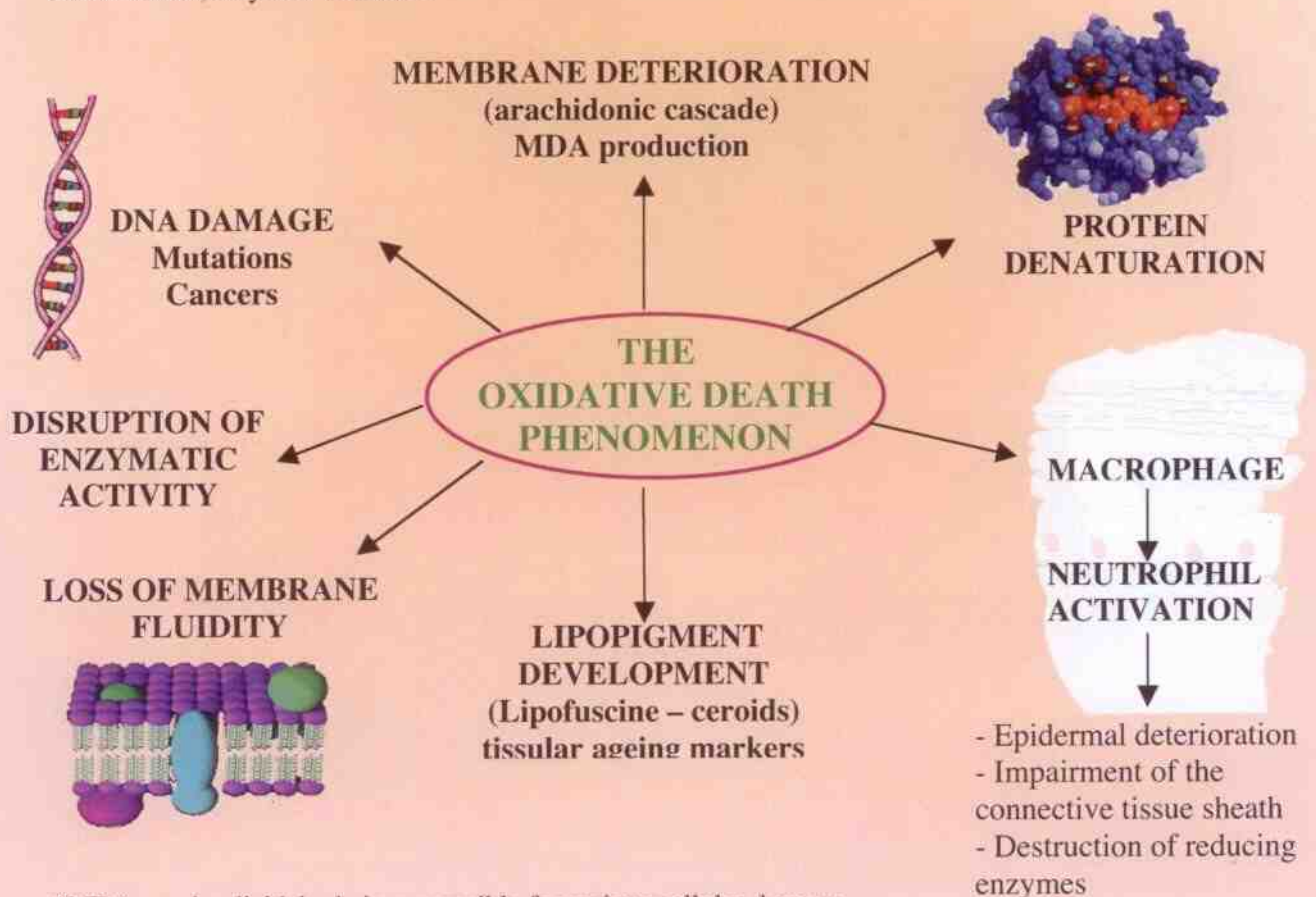
Therefore, today's anti-ageing struggle should concentrate on the total destruction of the oxygenated reactive species as well as the neutralization of free-radicals.

This is now possible, thanks to BELGIAN ENDIVE COSMETOLEGUMES® developed by the Group SOLIANCE in collaboration with Jean Morelle, chemist and author of several books on ageing linked to oxidation.

WHY THE FIGHT AGAINST OXYGENATED REACTIVE SPECIES ?

Skin ageing is the first process activated by the oxidation phenomenon, which is initiated by the direct exposure to stress, pollution and sun. This oxidation is responsible for the appearance of hydrogen peroxide as well as free-radicals, these induce the production of lipoperoxides.

These compounds are the main cause of the oxidative death phenomenon, which manifests itself as an imbalance between oxidant and anti-oxidant systems. Human cells have a tolerance level above which, they don't survive.



*MDA : malondialdehyde is responsible for serious cellular damage

Cosmétolégumes®

THE ERA OF COSMETOLEGUMES® IS BORN !

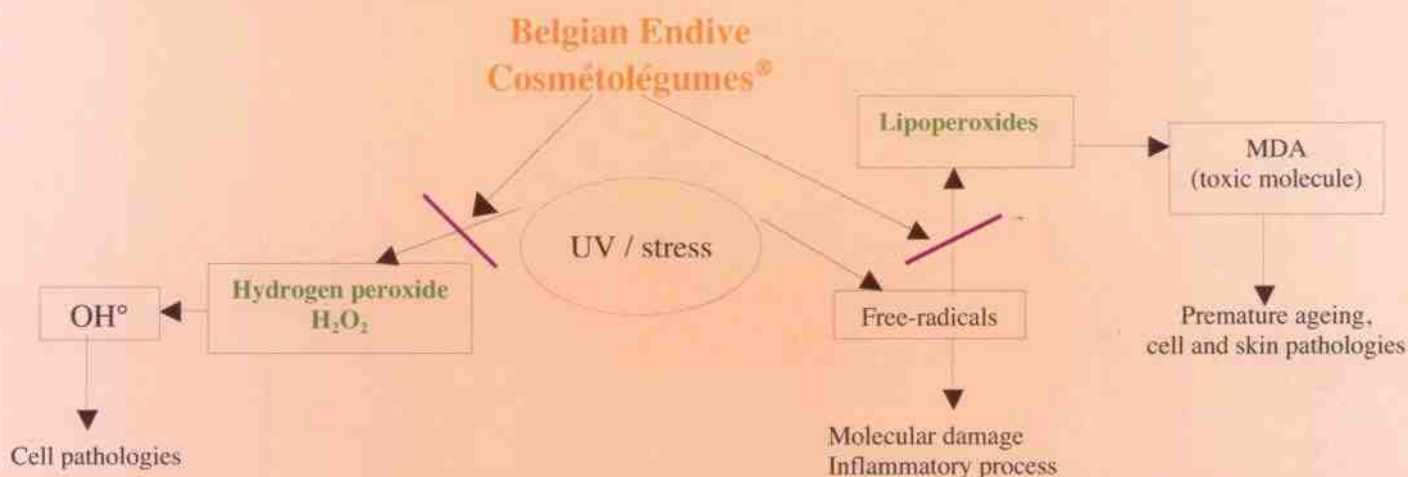
The vegetable powder extracts developed for cosmetic use by GROUPE SOLIANCE provide eternal youth. Indeed, these real regenerating actives not only neutralize free-radicals but also destroy lipoperoxides and hydrogen peroxide. The extracts are produced without the use of any solvents.

The Belgian endive : the Ceasar of all vegetables

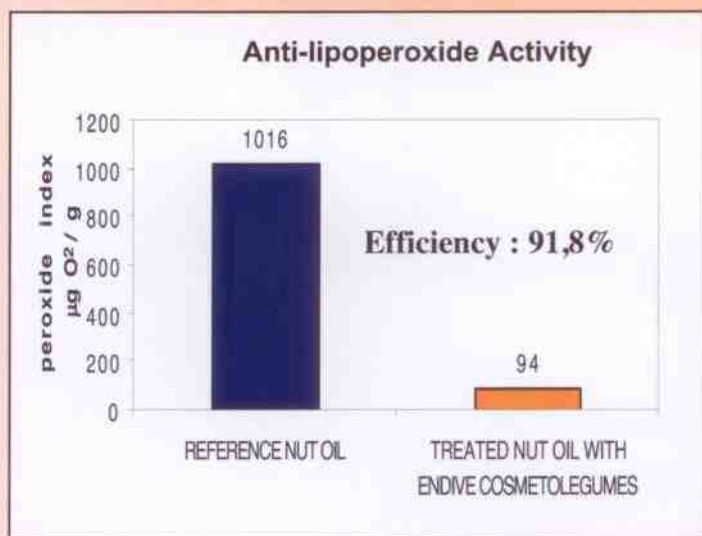
The Belgian endive is defined as a hypertrophied bud. Does the «Vegetal Youth» grant us the freshness of our younger years?

The Belgian endive extracts developed by SOLIANCE have a balancing effect. They play a preventive as well as a curative role : suppression of existing lipoperoxides and hydrogen peroxide.

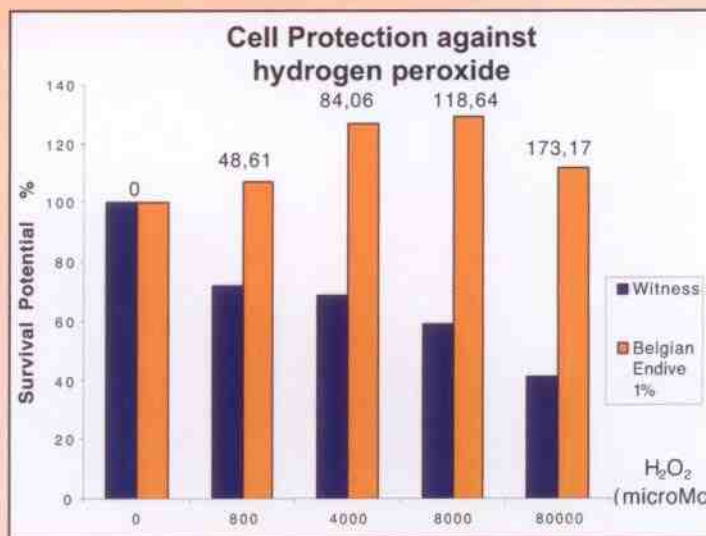
Belgian endive... It isn't any one thing. It's everything !



IN VITRO EVIDENCE



The anti-peroxide activity of the Belgian Endive Cosmétolégumes®, proved by the LEA method, has an efficiency of 91,8%.



The Belgian Endive Cosmétolégumes® 1% protects Normal Human Keratinocytes (KHN).

Cosmétolégumes®

SPECIFICATIONS

ORGANOLEPTIC CHARACTERISTICS :

Appearance : powder
Colour : pale yellow
Odour : characteristic

PHYSICAL AND CHEMICAL CHARACTERISTICS :

PH 10% in water : 5-7
Dry extract : $\geq 92\%$
Dry activity : : see certificate of analysis
Nitrogen : $\leq 1\%$
Residue on ignition : $\leq 7,5\%$

MICROBIOLOGICAL CHARACTERISTICS :

Total germs : $< 10^3$ CFU/g

CONSERVATION CONDITIONS :

Store in the sealed packaging at 20 °C, protected from light.
Use before : 2 years

EXAMPLES OF FORMULAS

Cream with 1% of Belgian Endive Cosmétolégumes®

Ingredients	% weight
Xylance	3
Stearic acid	0,5
Dimethicone 200 350	3
Refined macadamia oil	7
Phenonip	0,4
Dry Flo PC	2
Belgian Endive Cosmétolégume®	1
Glycerin/sorbitol	2
Rheocare ATH	0,6
Perfume	0,2
Water	QSP 100

Serum with 1% of Belgian Endive Cosmétolégumes®

Ingredients	% weight
Rhodicare T	0,3
Natrosol 250HHR	0,25
Hydr'A3	5
Belgian Endive Cosmétolégume®	1
Glycerin	5
Tinogard HS	0,05
Triethanolamine 98%	QS pH7
Phenonip	0,3
Perfume	0,1
Tween 20	1
Water	QSP 100

 GROUPE
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COMMUNIQUE GROUPE SOLIANCE

Cosmétolégumes®

UNE NOUVELLE VISION DE L'ANTI-ÂGE

FORMULEZ LE !

PEROXYDE D'HYDROGENE
 H_2O_2

NEW

RADICAUX LIBRES
 R°

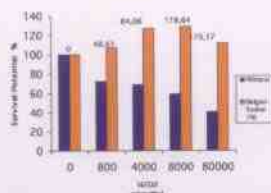


NEW

LIPOPEROXYDES
 $ROOH$

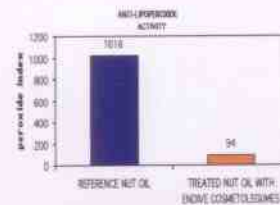
NEW

Protection des cellules
 H_2O_2



NEW

Activité anti-lipoperoxyde



CRÉATIVE
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