



LycοMega[®]

Active ingredient
titrated in Lycopene **80 ppm**
for derma-protecting products



What is LycoMega® ?

Photo-protection

Anti-photoageing ingredient



For derma-protecting cosmetic products :

antiageing

suncare

sensitive skin



What is LycoMega® ?

An association of oil soluble plant extracts

Tomato seed oil

LYCOPENE



Cranberry seed oil

OMEGA 3



LycoMega®

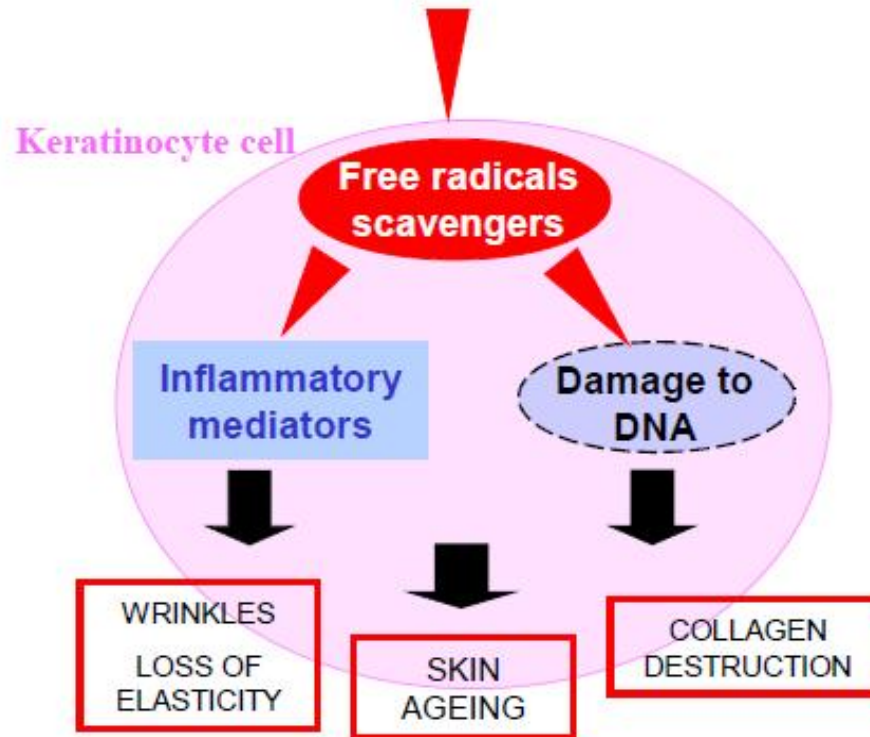
- Titrated in Lycopene
- Omega3 / Omega 6 right balance
- Preservative free
- 100% natural



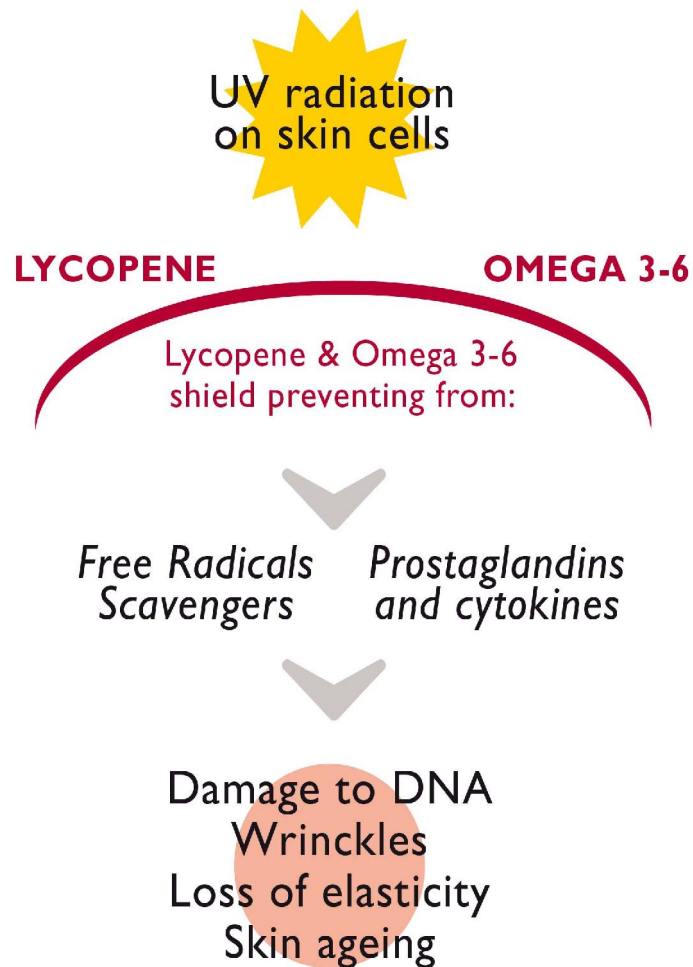
The photo-ageing concept

Internal stress : lifestyle, diet, sleep

External stress : UV, pollution, chemical irritants



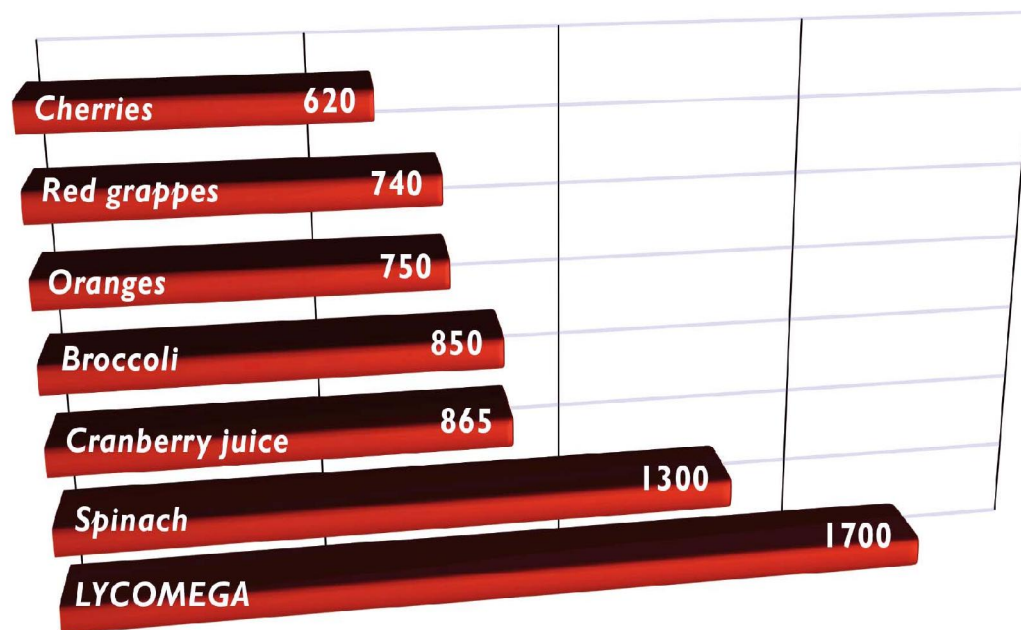
Global derma-protecting activity



Synergy between **omega 3-6** and **lycopene** to prevent skin ageing.



Antioxydant activity

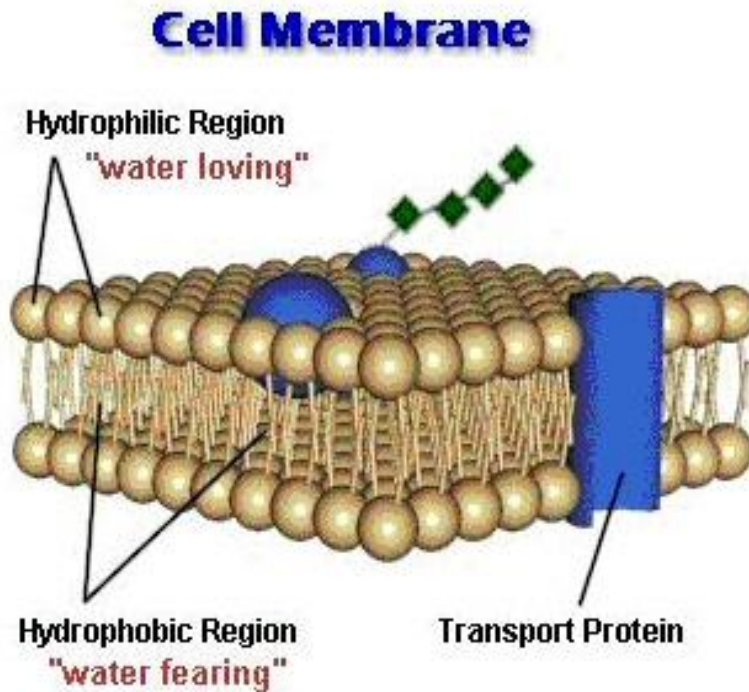


Antioxydant activity of natural antioxydant substances found in the nature (ORAC test)

- -> **Lycopene** 100 times more antioxydant than vitamine E
- -> **Tocophérols** and tocotriénols acts in synergy with lycopene



A liposoluble antioxidant

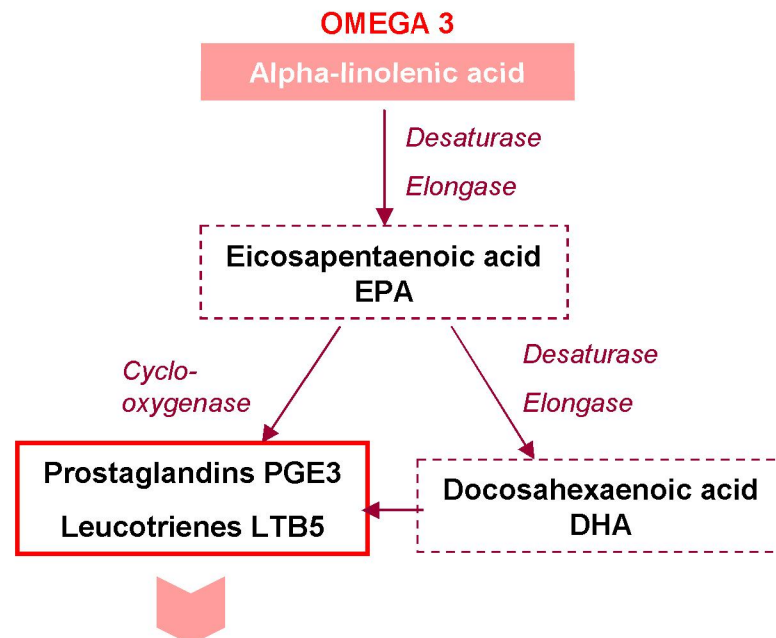


Thanks to the lycopene **liposoluble** activity :

=> Place itself at the interface of **cells membrane**



Anti-inflammatory activity



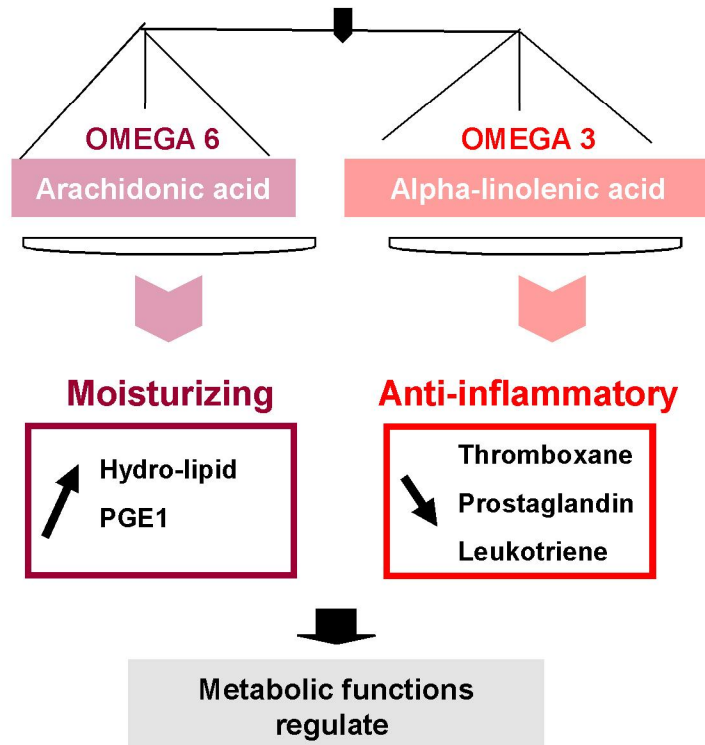
Anti-inflammatory

Omega 3 precursor in the synthesis of anti-inflammatory mediators

- → **Lycopene** has show to decrease inflammation marker
- → **Omega 3** are precursors in the synthesis of anti-inflammatory mediators



Right balance Omega6/Omega3

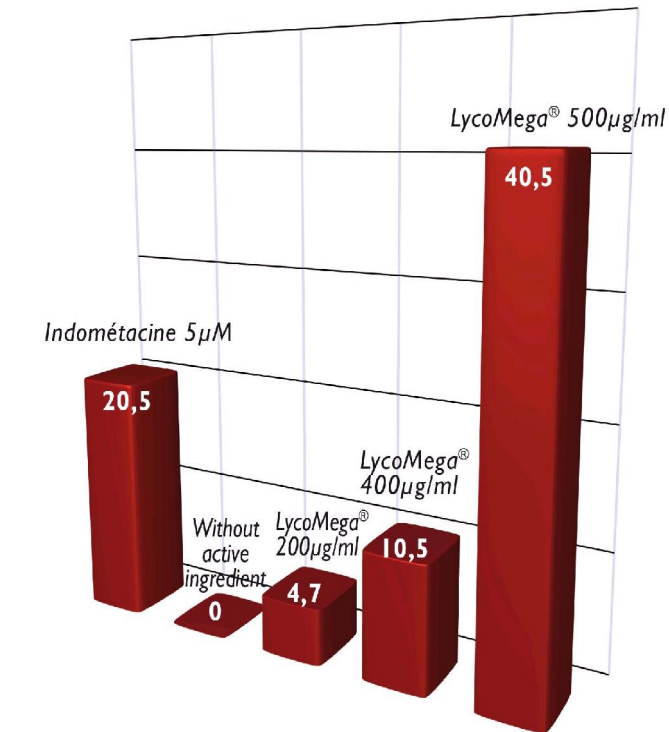
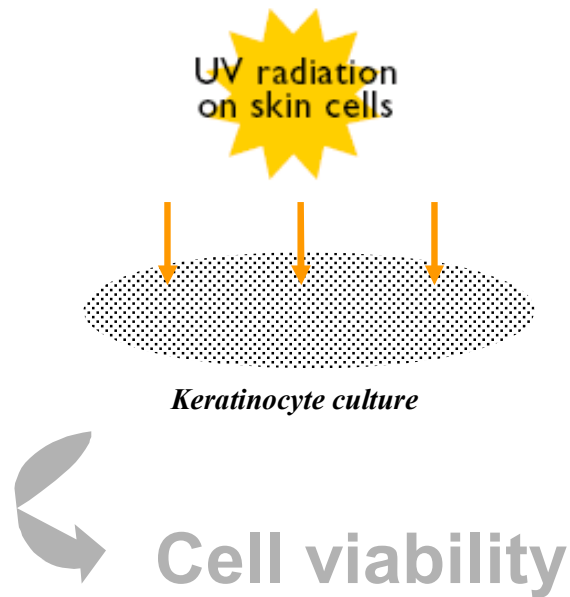


Omega6 / Omega3 ratio to regulate metabolic functions

Right balance omega 6 / 3 = 5



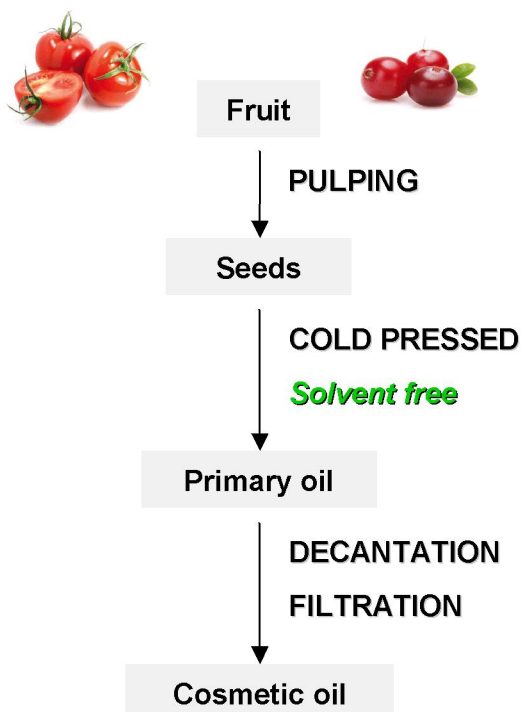
Study of its protective effect



40.5% of human keratinocytes are protected when LycoMega is used, while 20.5% are protected by Indometacine (a standard anti-inflammatory molecule)



Process



- -> Best variety of tomato: **high level of lycopene**
- -> Best variety of cranberry :**high level of omega 3**

Tomato
seed oil

Cranberry
seed oil

Quality
analysis

Mixture

LycoMega®

Quality
analysis



Key features

INCI name: solanum lycopersicum seed oil • caprylic/capric triglyceride • vaccinium macrocarpon seed oil • helianthus annuus seed oil • tocopherol • lycopene

Lycopene : 80 ppm

Omega 3 : 7-8%

Omega 6 : 38-40%

Omega 6 / 3 ratio : 5-6

Recommended dose : 2 to 5 %

USES

LycoMega® is 100% oily soluble and must be well dispersed in the oily phase.

Packaging & Shelf-life

5 Kg pack size

Shelf-life : 24 months in its original pack.

Storage : avoid direct light and heat.

