Protect the skin from the sun

• SUNBURN, SUNSPOTS AND SUN ALLERGY •

www.vitaeinternational.com

VITAE

Protect the skin from the sun

• SUNBURN, SUNSPOTS AND SUN ALLERGY •

VITAE



1. Skin

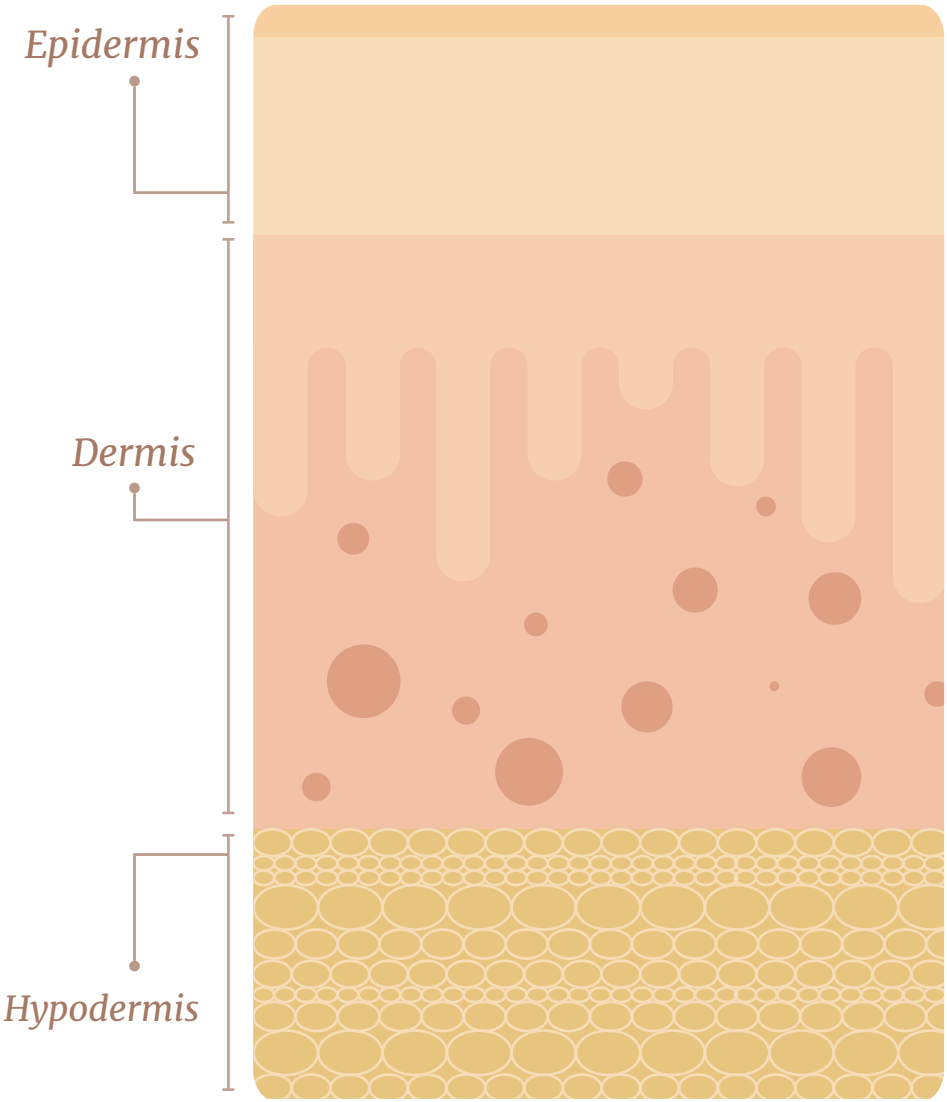
Experts agree that the best antiaging treatment is to protect the skin from the sun 365 days a year.

Beautiful and glowy skin is a sign of beauty and youth, that's why skincare has been one of the main topics throughout the years, when it comes to beauty issues.

But it is not only synonymous with beauty. Skin is our way of relating to the environment, healthy skin is synonymous with health and a good defense, that's why you have to take care of it, not only for keep it beautiful, but to help our entire body.

Skin is the largest organ of the body, it is divided in three layers Epidermis, Dermis and Hypodermis. They are all important, not only because they provide stability and structure, but also because they contain immune and protective cells. Although skin damage is perceived on outter levels, 90% of skin damage occurs in inner skin layers.




Epidermis
Dermis
Hypodermis

2. Sun

Sunrays penetrate the outer skin layers during the whole day: when we wait for the bus, when we enjoy a coffee in a terrace, when we go for a walk, etc. There are endless situations in which we are not aware but we are directly exposed to the sun, nourishing ourselves with all its benefits but also its negative effects.

Sun has positive effects on our body, it provides vitamin D, strengthens our immune system, prevents us from cardiovascular diseases and brings us joy and happiness. Of course, we also have to be careful with the sun as it can negatively affect our skin.

Sunburn

Exposure to UV-A radiation damages our skin. This will be neutralized thanks to the melanin (that's why we get tanned). Clear phototypes, which they generate less melanin, are more prone to sunburn because they don't properly neutralize radiation.

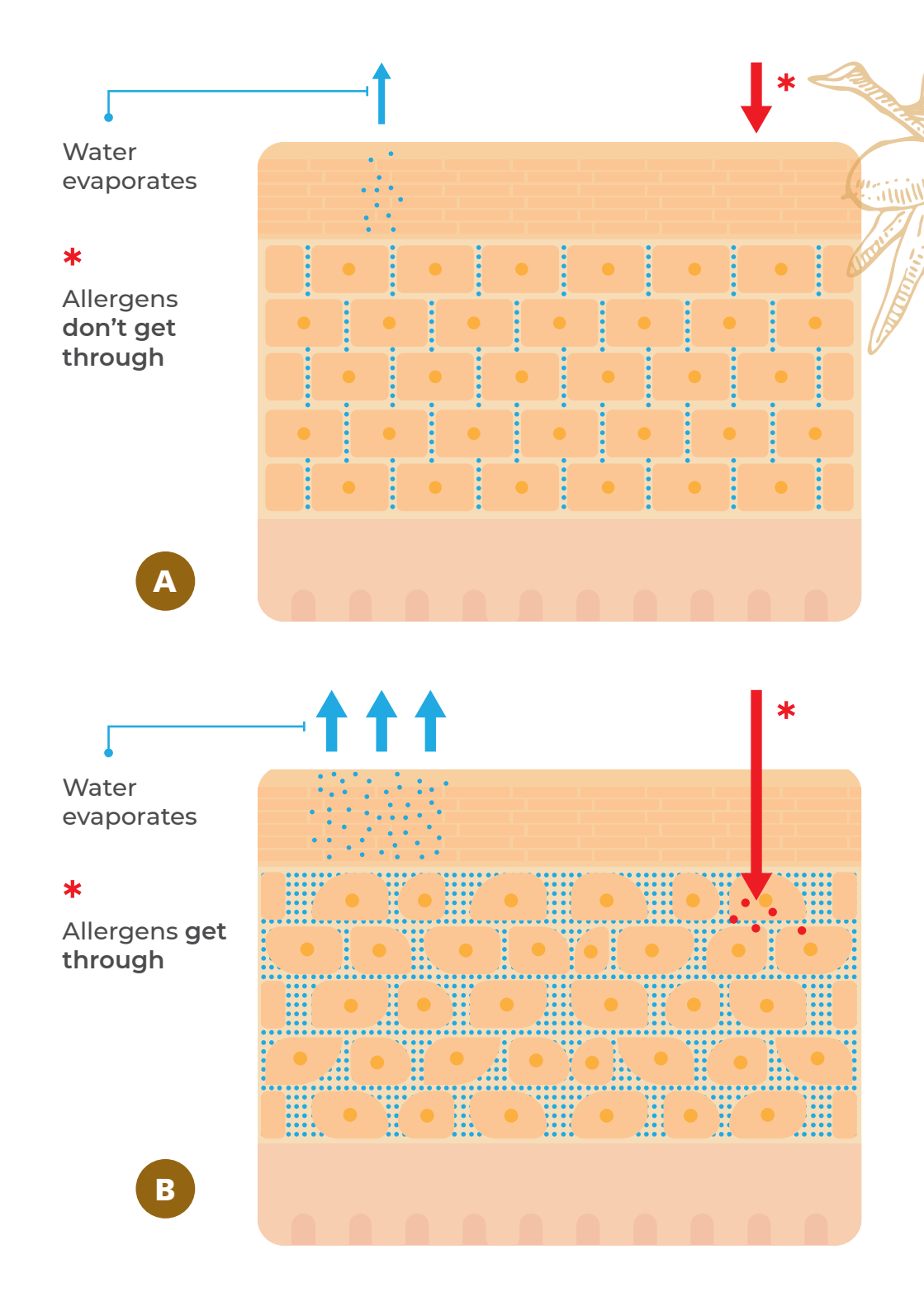
Sunburns makes the skin lose its barrier effect and become more prone to suffer chronic damage such as redness, peeling or water content decrease.

A

In healthy skin, skin structure remains intact, therefore there is no water loss and the skin's barrier effect is maintained.

B

A burned skin implies a loss of skin structure causing a loss of water content (dehydration) and a loss of the barrier effect (entry of harmful agents).

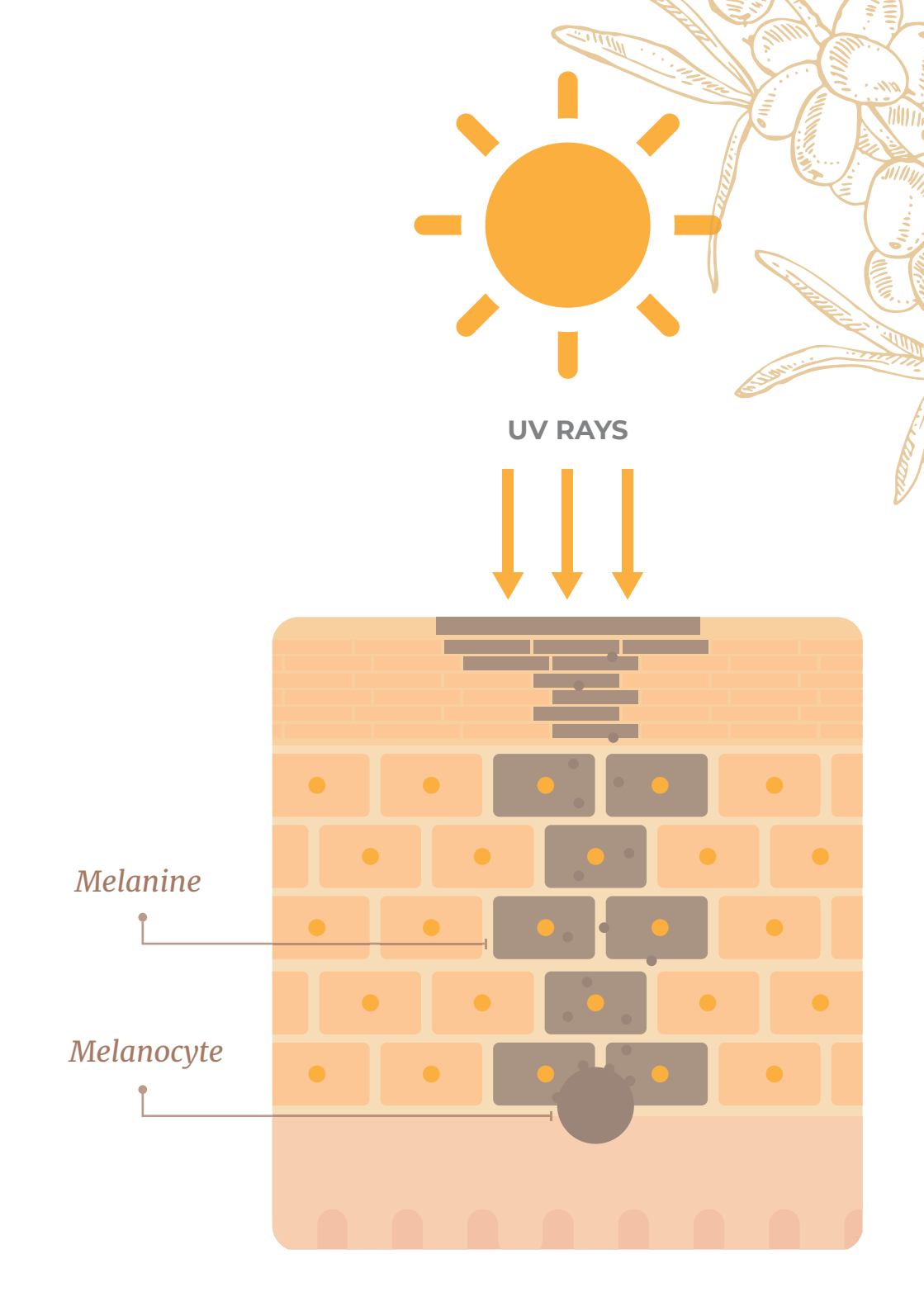

Water evaporates
*
Allergens don't get through
A
*
Water evaporates
*
Allergens get through
B

Sunspots

As we said, sun exposure promotes melanin production, however if this substance is generated in a specific area (due to age, hormonal changes, etc.) sunspots can appear.

Although we see sunspots on outter skin layers, these are being generated in inner skin layers. If melanocytes (cells that generate this substance) are hyper activated, it may occur a mutation inside and melanoma can appear.



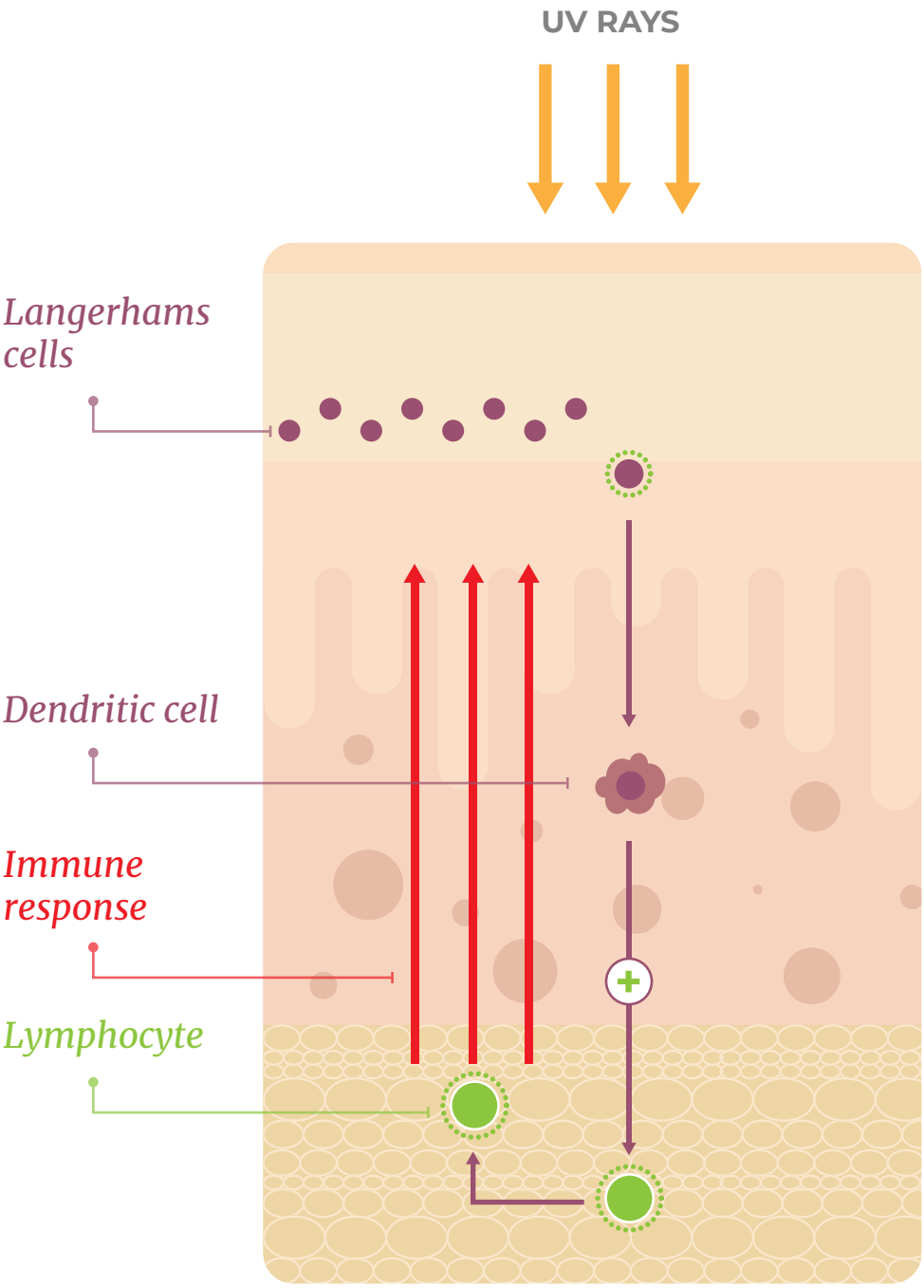

UV RAYS
Melanine
Melanocyte

Allergies

In the skin we have immune cells (C. de Langerhams) that defend and protect our skin from external aggressions. **Constant radiation makes these cells more reactive causing allergic reactions such as hives, itching, redness, etc**

As damage is cumulative, usually the allergy level worsens with each exposure.




UV RAYS
Langerhams cells
Dendritic cell
Immune response
Lymphocyte

OlioVita® Protect
(OlioVita® Sun)

Total protection 24h



OlioVita® **Protect** is a food supplements based on 100% natural ingredients with synergistic action: grapefruit and rosemary extracts, sea buckthorn oil and vitamin D.

- **Rosemary and grapefruit extracts contain polyphenols with antioxidant action**
- **Sea buckthorn oil contains omega 3, 6, 7 and 9**
- **Enriched with vitamin D as topical sunscreen block vitamin D absorption**



The best complement to your topical sunscreen.





VITAE HEALTH INNOVATION, S.L.
C/Verneda del Congost, 5 | Polígon Industrial El Circuit | 08160 Montmeló (Barcelona)
Atención al cliente: 93 590 87 00 - vitae@vitae.es