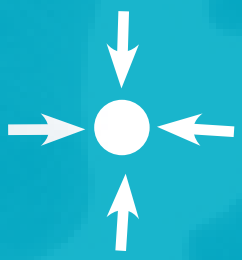
Imagine®
Dermo

urano® pharma

Imagine a product that cares for the pet inside and out

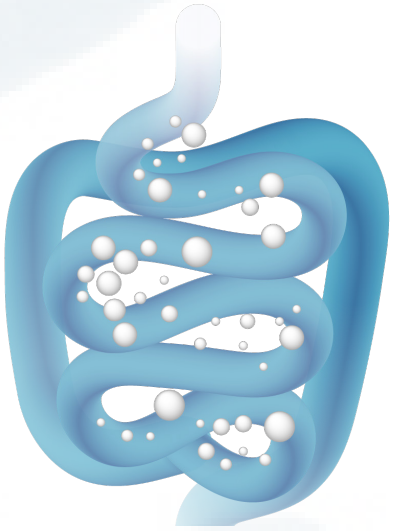
Unique product containing
fatty acids and tyndallised probiotics

High concentration of
essential fatty acids



From the gut to the skin: how does gut health affect our skin?

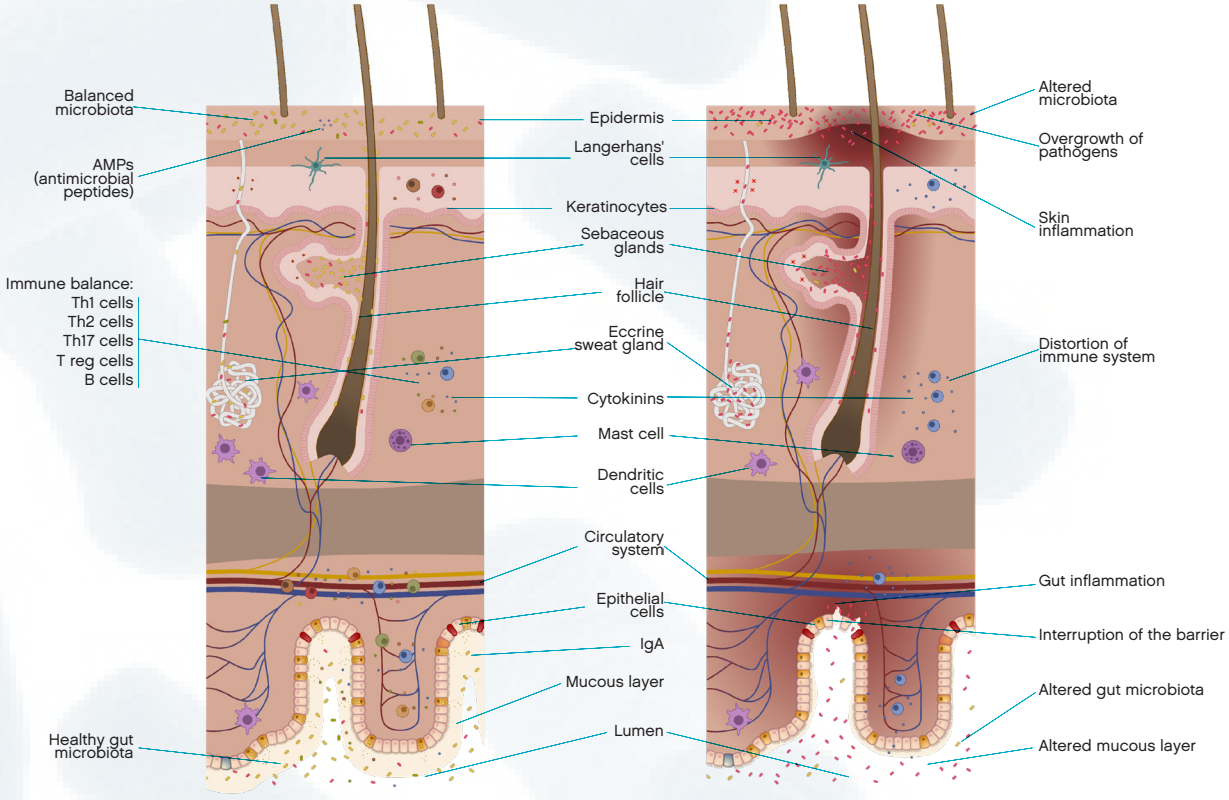
The gut microbiota provides the host with significant metabolic and immunological benefits. Many studies in humans and animals suggest that the influence of gut microbiota goes beyond the gut itself, affecting for example the skin. This relationship is caused by the immunomodulating action carried out from the gut microbiota.



There is a close relationship between a stable gut microflora and healthy skin

Relationship between the gut and the skin

The two-way communication between the gut and the skin through the gut-skin axis is well known. This communication influences aspects such as: the differentiation of the skin and the modulation of the immune response.

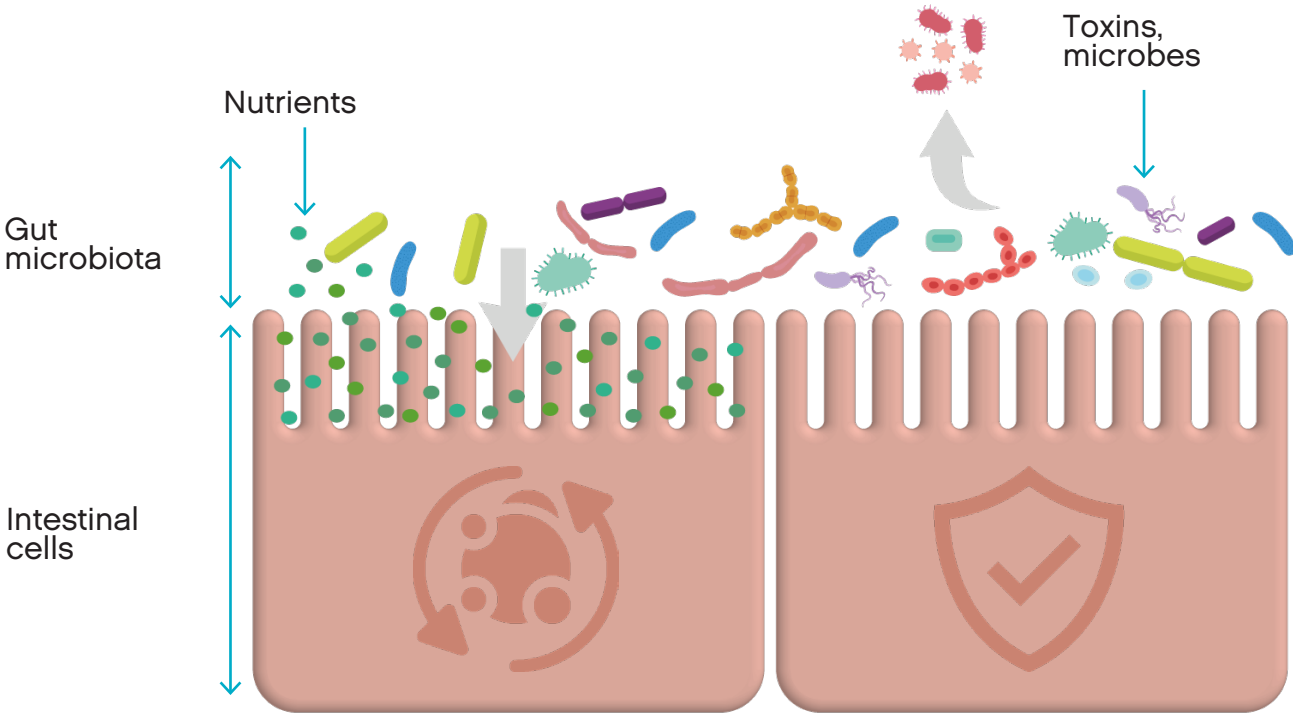


Gut-skin axis[1]

Gut microbiota

The **gut microbiota** comprises billions of microorganisms, above all bacteria, that are hosted in the gut in a commensal symbiotic relationship.

This helps it to carry out numerous primordial functions, such as digesting foods and supplying essential nutrients that can not be synthesised by the body, such as short chain fatty acids, B vitamins, neurotransmitters, etc.



Metabolic function

- Synthesis of vitamins
- Synthesis of SCFA
- Synthesis of vitamin B12
- Conversion of primary bile acids into secondary
- Fermentation of carbohydrates
- Source of energy

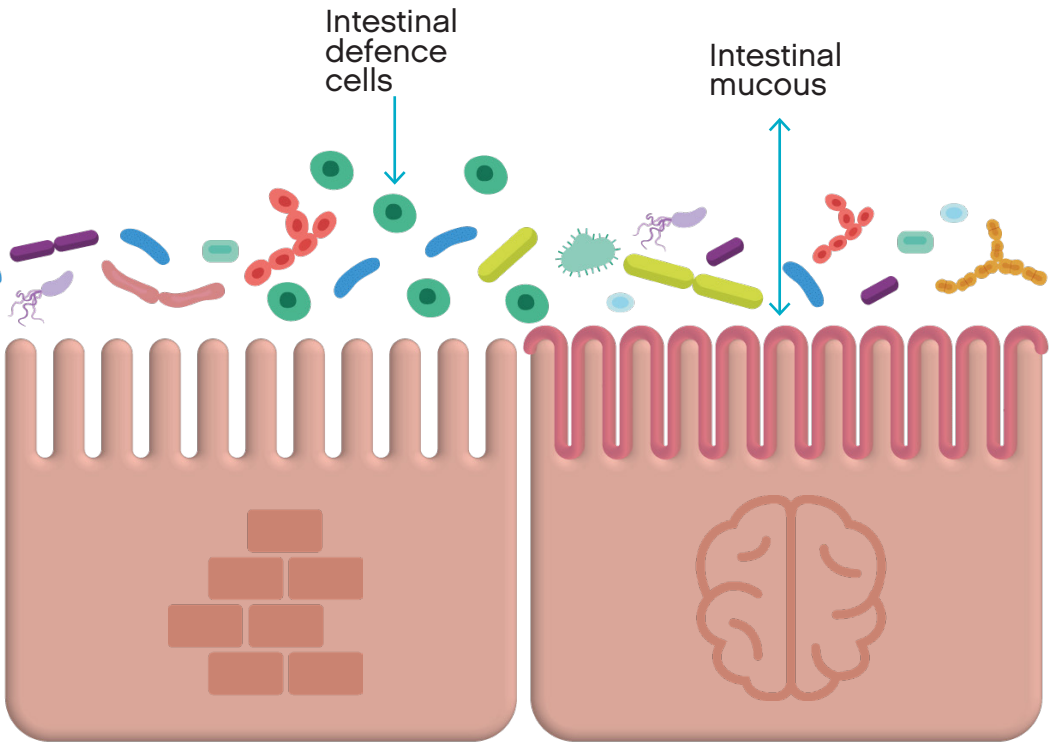
Protective function

- Defence against invasive pathogens:
  - Production of bacteriocins
  - Competition for nutrients
  - Competition for oxygen
  - Epithelial adhesion

Intestinal barrier

The **intestinal barrier** functions correctly when there is proper interaction between the microbiota, the intestinal epithelial cells, the immune system and the enteric nervous system.

When there is an alteration of the intestinal barrier, gut bacteria may be allowed into the blood stream, reaching the skin and altering the homeostasis of the cutaneous microbiota and causing what we know as dysbiosis.



Structural function

- Stimulation/modulation of the immune system
- IgA production
- Th1/Th2 response modulation
- Maintenance of the function of the intestinal barrier
- Energy homeostasis

Cognitive-mental development function

- Gut-brain axis

A balanced gut microbiota helps control the Th1/ Th2 balance, decreasing the release of IgE that is responsible for pro-inflammatory and allergic responses.

What is Imagine® Dermo?

Imagine® Dermo is the only product in the market with tyndallised probiotics and a high concentration of essential fatty acids.

This product unites the advantages of tyndallised probiotics with the action of the known essential fatty acids.

Tyndallised probiotics + **High concentration of Omega 3*** = **A product that cares for the pet inside and out**

*** Contents per capsule:**

EPA	DHA	LA
184 mg	131 mg	11,2

What is Imagine® Dermo used for?

Maintenance of the dermal function

The combination of fatty acids and probiotics helps modulate the immune response and maintain correct gut permeability, thus helping to restore the intestinal barrier and the dermatological barrier.

Modulation of the immune system

Maintaining a stable microbiota away from dysbacteriosis states of dysbosis boosts the immune system.

Instructions for use

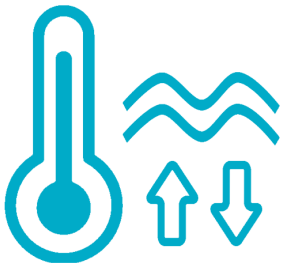
Up to 15 kg	More than 15 kg
1 capsule a day	2 capsule per day

Recommended minimum use: 2 months

Tyndallised probiotics

Tyndallised probiotics represent an evolution in probiotics. They are obtained by bacterial lysate and fragmentation with probiotic strains using a Tyndallisation process.

Tyndallised probiotics act as if they were prebiotics, providing the substrate necessary for the typical microbiota of each individual to proliferate exponentially.



Tyndallisation is a sterilisation method using intermittent heating. It consists of subjecting the substance to sterilise to a serial process of raising and lowering the temperature.

Advantages of tyndallised probiotics

Greater stability

Longer expiry periods

No side effects

As they are obtained from dead strains, they do not cause microbial displacement or overgrowth due to competition with indigenous gut microbiota.

Improved gut microbiota

They maintain the beneficial effects of probiotics: defence against external pathogens, stimulation of the immune system, etc.

No special storage conditions required

All the properties of the probiotics are preserved.

Fatty acids

Omega-3 fatty acids are nutrients of great interest in pet nutrition, due to both their physiological importance and their suggested benefits in a variety of disorders.

Imagine® Dermo

High concentration of Omega 3 +
Bifidobacterium lactis & *Lactobacillus rhamnosus*

Dietary supplement

Composition per capsule (896 mg)
Fish oil, Bovine gelatin, Glycerin, Yellow wax, Corn starch and Fermentation products: *Bifidobacterium lactis and Lactobacillus rhamnosus.* Nutritional additives: Vitamin E 7.5 mg, Organoleptic Additives: black iron oxide and red iron oxide.

Fatty acid content per capsule
EPA 184 mg, DHA 131 mg and LA 11.2 mg.
Analytical constituents: Crude oils and fats 67%, Crude protein 0.9%, Humidity 5.50%, Crude ash 0.8%, Crude fiber <0.5%.

Specific nutrition objective
Maintenance of dermal function in case of dermatosis and excessive hair loss. They have a high level of linoleic acid (LA) and the sum of eicosapentaenoic acid (EPA) and docosahexaenoic acid (DHA) and fermentation products: *Bifidobacterium lactis* y *Lactobacillus rhamnosus*.

Route of administration
Imagine Dermo capsules are administered orally.

Instructions for use
Up to 15 Kg: 1 capsule/day.
From 15 Kg: 2 capsules/day.
It is recommended to use at least 2 months. Consult the veterinarian before using it.

Presentation
Blister pack with 40 capsules.

Storage
Always keep the container closed, between 15-25ºC, in a cool and dry place.
Keep out of the reach of children.

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