PeptiCaps
“Your nano-solution for healthy skin”
THE PROBLEM

Natural active ingredients have beneficial effect to have healthy skin

Degradation loss of its effect

PeptiCaps: Your nano-solution for healthy skin
THE SOLUTION:
SMART NANOCAPSULES

Nature is encapsulating its active ingredients

We copy what nature is doing...

< 100 nm

...in smaller and smarter!

PeptiCaps: Your nano-solution for healthy skin

PeptiCaps is funded by EU framework program for research and innovation Horizon 2020 under grant agreement 686141
PeptiCaps **smart nanocapsules** based on biomimetic and natural product improve your active ingredient performances:

- ✓ Customized service to protect your active ingredient
- ✓ Increased long term stability (more than 30%)
- ✓ Better penetration to the deeper layer of the epidermis
- ✓ Deliver the active where your skin needs it most
The market for Beauty has been constantly growing at around 10% for the last 20 years. Market growth of around 40% is expected by 2020.

Thus, innovation is a primary requirement to be competitive on the market.
We provide

Validated Smart Nanocapsules for your active ingredient:

✓ Encapsulation of hydrophobic or hydrophilic active ingredient

✓ 30% longer activity of your natural ingredient in comparison to macroencapsulation currently used

✓ ~ 40% more active released where the skin needs it

✓ Lower costs compared to the current nanoencapsulation processes

✓ Customized service to address customers needs (compatibility, stability and validation of the added value in your formulation)

You benefit

✓ Highly innovative product to increase your competitiveness

✓ Shop and directly add to your formulation

✓ Scientific evidence of the benefits of PeptiCaps encapsulation on your formulation

✓ Saving money by increasing the efficiency of your natural ingredient.

✓ Reducing risk of innovation
Customized services to increase consumer competitiveness and innovation

**Customized cosmetic ingredients:** specially designed for our customers' requirements which will bring high added value to their final product.

**R&D services:** Our engineers and cosmetic experts will solve problem to enhance the efficiency of our customers' product.

**Implementation:** close follow up of the implementation of the product and its validation by the EU cosmetic authorities.
PeptiCaps is a spin-off from the collaboration between the Spanish research centre IK4-CIDETEC and the University of Bordeaux.

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Early adopters

First cosmetic product containing PeptiCaps nanocapsules to be launched in 2019

2 leading companies are now ready to use our product

We offer to Spanish and European SMEs a simple solution to be differentiated in the cosmetic market

Spain is the 6th country in the world for cosmetics exportations. Europe remains nº 1 for Cosmetic product.
In Europe, competitors offering active ingredient protection:

- only **one type of natural ingredient** can be protected (mainly hydrophobic ones)

- lack of smartness to release the active where it is needed and to address skin needs

- large capsules limiting the penetration of the natural active ingredient, hence its activity.

Unlike competitors, PeptiCaps offers customized solution for innovation enhancement and guaranteed results.
Be smart, contact us to protect your active and your business!

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