

The CrisBio® platform

Making growth factors affordable and accessible

Our nature-based expression platform utilizes cocoons as natural bioreactors to enable an efficient and versatile solution to produce high-performance growth factors for cell culture, biopharmaceutical production and cosmetics at competitive prices.

What is the CrisBio® platform?

Our CrisBio™ patented technology replaces traditional CAPEX-intensive expression systems. Built on nearly two decades of research and development, it utilizes the entire cocoon to produce high-performance protein, quickly and cost-effectively.

Our production process



in-house rearing

1.

Tricoplusia Ni pupae

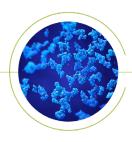


Baculovirus is designed with the desired gene sequence



Cocoons are inoculated with the virus in an automated platform

3.



Targeted protein is obtained

4.



High-quality proteins are extracted and purified

5.



Affordable

Reducing production costs, unlocking price bottlenecks



Mammalian free

High biosafety



Non-GMO

Rearing non-modified organisms



Scalable

Quantities from milligrams to kilograms



Versatile

Species-specific proteins development



Fast development

Enabling rapid PoC developments

Growth factors portfolio

- FGF-2 Human & Bovine
- **EGF** Human
- PDGF Human & Porcine
- TGB-β1* Human & Bovine



Would you like to know more?

our offering and how our Cocoon platform can help your business unlock supply chain bottlenecks

CONTACT INFORMATION

Denisse Cuevas Brunel Business Development Manager

+34 650 095 846 dcuevas@cocoonbio.com

cocoonbio.com

