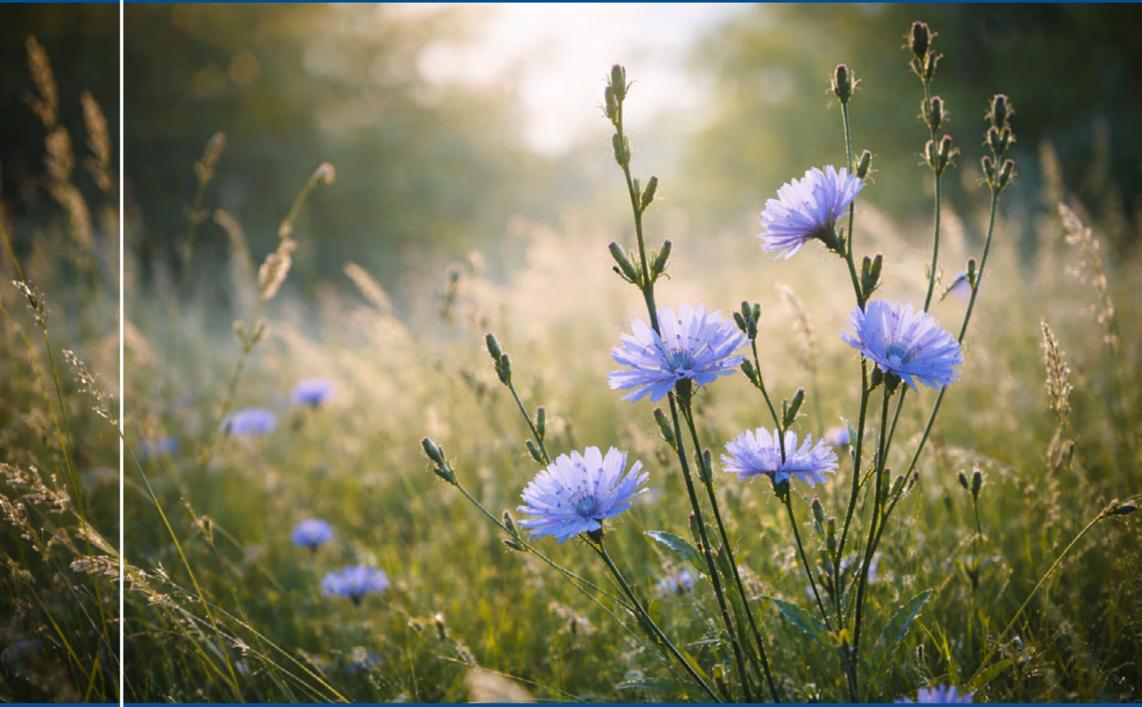


Neurocosmetics on the Rise:

Chicory Root Extract and the Microbiota–Skin–Brain Axis



Nature can influence how we feel. Chicory root extract represents a new generation of cosmetic ingredients where botanical science meets emotional skin perception.

The cosmetic industry is moving beyond visible skin benefits towards a deeper understanding of how skincare impacts emotions, perception and social interaction. This evolution has accelerated interest in neurocosmetics, a field exploring the intricate communication between the skin, including its microbiota and the nervous system.

Central to this development is the microbiota–skin–brain axis, a bidirectional network in which skin-resident microorganisms interact with cutaneous cells and neuronal pathways. Emerging research suggests that modulating this axis can influence not only skin quality but also emotional responses and sensory experience.

Chicory Root Extract as a Neurocosmetic Enabler

Recent scientific findings highlight chicory root extract (*Cichorium intybus*) as a promising botanical ingredient in this context. Naturally rich in short-chain inulin-type fructo-oligosaccharides, chicory root extract can interact with the skin microbiota, in particular *Staphylococcus epidermidis*, by stimulating microbial metabolism without inducing bacterial proliferation.

This phenomenon, described as “activated rest”, leads to the release of postbiotic factors that play a role in skin–neuron communication while preserving microbiological balance.

From Skin Quality to Emotional and Social Effects

Scientific studies demonstrate that chicory root extract delivers multidimensional benefits:

- Improved skin smoothness and evenness, confirmed by instrumental, clinical and subjective evaluations
- Sustained positive emotional responses during product use
- Activation of neurochemical signalling pathways, including dopamine and oxytocin release in skin-related neuronal models
- Measurable emotional benefits, even in individuals touching treated skin, highlighting a social dimension of skin perception



Skin is not only seen it is felt. What we feel through the skin can shape emotions, perception and even social connection.

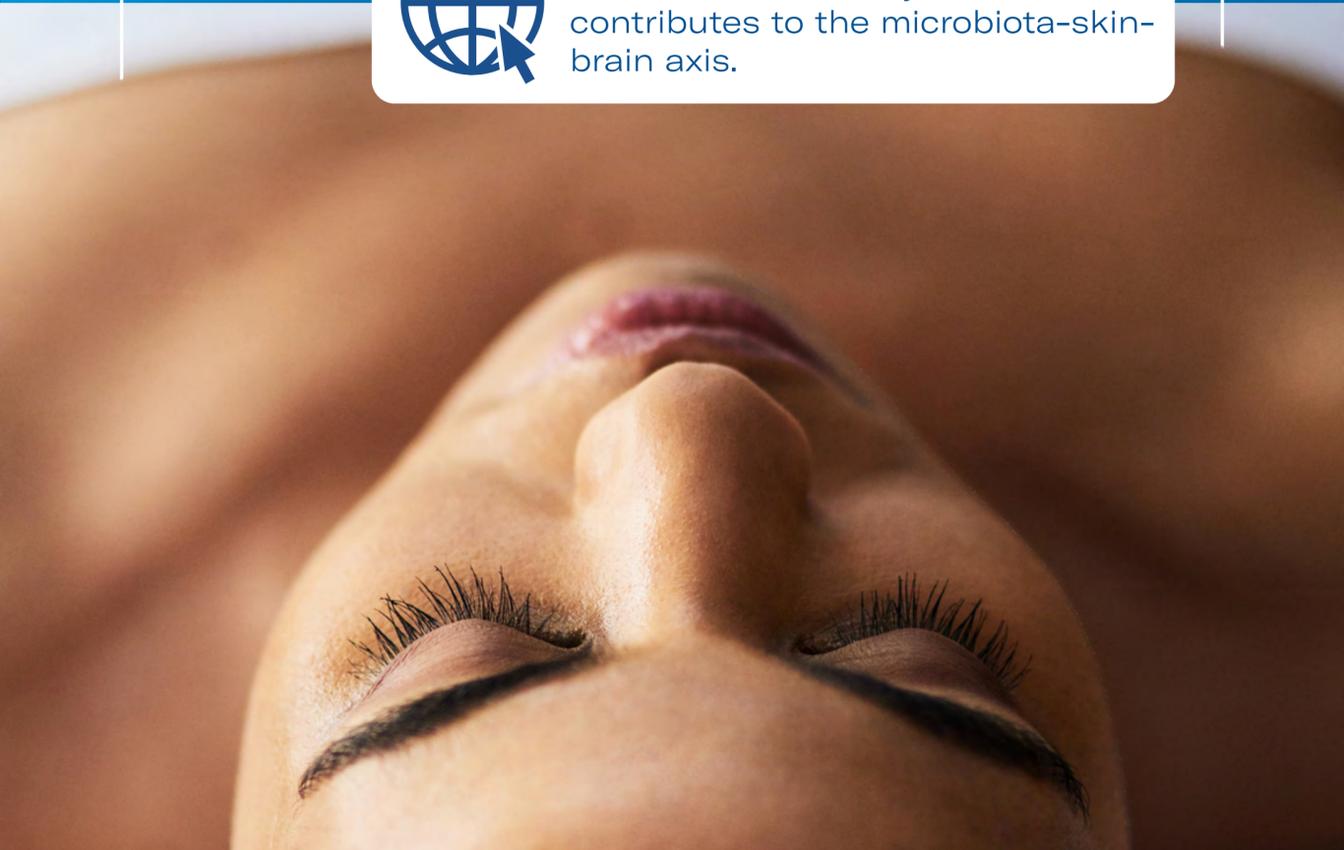
Our Commitment to Science-Driven Innovation

At RAHN-Cosmetic Actives, we actively explore emerging scientific concepts that shape the future of cosmetic innovation. Our latest peer-reviewed publication in the *International Journal of Cosmetic Science* on the psychodermatological effects of chicory root extract represents a significant scientific achievement and is widely regarded as a benchmark of excellence within the cosmetic science community. It marks an important milestone on our innovation roadmap and underscores our commitment to rigorous, evidence-based research.

This demonstrates our commitment to pursuing evidence-based cosmetic science in the development of our active ingredients.



Read the full scientific paper and discover how chicory root extract contributes to the microbiota–skin–brain axis.



When skincare influences emotions, science becomes more than data it becomes experienced.