

# BYOME LABS: FRENCH EXPERTISE DEDICATED TO THE MICROBIOME

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PARTAGER   

BYOME LABS is a French startup specializing in microbiome testing and analysis. Our mission is to help brands understand and optimize the impact of their products on the skin, scalp, oral, and vaginal microbiomes while preserving their diversity and balance. With our R&D center located in the heart of the Cosmetic Valley in Chartres and our in vitro microbiology laboratory based in Clermont-Ferrand, we develop innovative approaches to address the challenges faced by cosmetic, dermocosmetic, pharmaceutical brands, and ingredient manufacturers.

## THE MICROBIOME: A KEY PLAYER IN HEALTH

Comprising billions of microorganisms (bacteria, yeasts, etc.), the microbiome plays a crucial role in skin balance and protection. Acting as a “living barrier,” it functions as a “second skin,” unique to everyone. This uniqueness implies that the same product may be suitable for one person while disrupting another’s skin microbiome balance.

## ADVANCED SCIENTIFIC EXPERTISE

With over 5,000 sequencing analyses conducted and an in-depth review of more than 250 publications and clinical studies, our team, with 20 years of collective experience, is dedicated to exploring the microbiome in all its complexity. Our mission is to understand and enhance the impact of cosmetic, dermocosmetic, and pharmaceutical products on different microbiomes—skin, oral, scalp, and vaginal.

By integrating the latest scientific advancements, BYOME LABS positions itself as a key player in shaping the future of cosmetics and healthcare, ensuring the development of safe, innovative, and microbiome-friendly products.

## A REDESIGNED OFFERING FOR BETTER MICROBIOME RESPECT

Recognizing the evolving market needs and the growing demand for formulations that respect the skin's natural balance, BYOME LABS has restructured its offerings. Our **Microbiome Respect Certification** now provides even more comprehensive and personalized support. This certification aims to validate and promote products that protect the microbiome while meeting regulatory and marketing requirements.

The new version of this offering is structured into three levels, each reflecting an increasing degree of commitment.

### Enhance your products with our *Microbiome Respect Certification*

Microbiome Respect Level 1	Microbiome Respect Level 2	Microbiome Respect Level 3
<ul style="list-style-type: none"><li>✓ Planktonic viability</li><li>✓ Certification &amp; microbiome respect logo</li><li>✓ Scientific &amp; marketing report</li><li>✓ Product benchmark</li><li>✗ Biofilm curative resilience</li><li>✗ 30-minute consultation with a microbiome expert</li><li>✗ Microbiome respect scoring</li><li>✗ Biofilm preventive colonization</li><li>✗ Access to our scientific &amp; marketing training materials</li></ul>	<ul style="list-style-type: none"><li>✓ Planktonic viability</li><li>✓ Certification &amp; microbiome respect logo</li><li>✓ Scientific &amp; marketing report</li><li>✓ Product benchmark</li><li>✓ Biofilm curative resilience</li><li>✓ 30-minute consultation with a microbiome expert</li><li>✓ Microbiome respect scoring</li><li>✗ Biofilm preventive colonization</li><li>✗ Access to our scientific &amp; marketing training materials</li></ul>	<ul style="list-style-type: none"><li>✓ Planktonic viability</li><li>✓ Certification &amp; microbiome respect logo</li><li>✓ Scientific &amp; marketing report</li><li>✓ Product benchmark</li><li>✓ Biofilm curative resilience</li><li>✓ 30-minute consultation with a microbiome expert</li><li>✓ Microbiome respect scoring</li><li>✓ Biofilm preventive colonization</li><li>✓ Access to our scientific &amp; marketing training materials</li></ul>
Preserves the microbiome diversity	Rebalances the microbiome	Supports microbiome resilience

## BYOME LABS: COMPREHENSIVE SERVICES

In addition to the **Microbiome Respect Certification**, we offer tailored services to meet your specific needs:

**Formulation Optimization:** Precise testing to refine formulations and ensure their compatibility with various microbiomes (skin, oral, vaginal, and scalp).

**Active Ingredient Qualification:** In-depth evaluation of active ingredients to verify their efficacy and impact on microbiomes.

**Inhibitory Effect Assessment in Cases of Dysbiosis:** Advanced analyses to understand how products interact with microbial imbalances, crucial for addressing conditions such as acne or atopic dermatitis.

## JOIN THE MICROBIOME REVOLUTION WITH BYOME LABS

The future of cosmetic, dermocosmetic, and healthcare products depends on microbiome respect. By rethinking our offerings, we aim to establish a new standard of quality and transparency in the industry. The **Microbiome Respect Certification** and our customized services enable brands to demonstrate their commitment to consumer health and well-being while anticipating market trends.

Together, let's advance microbiome research and provide brands with high-performance, safe, and microbiome-friendly products.