Transcript Details
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Dr. Shino Bay Aguilera on IDENEL's Glassifier

Dr. Shino Bay Aguilera:
Since 2009, I've been trying to talk about biostimulation and help a lot of companies that have product here. PLLA, calcium hydroxylapatite for biostimulation, but biostimulation is not enough. Biostimulation does not mean bioregeneration. You can biostimulate something and create a lot of collagen, but if it does not look like normal skin, to me that's just fibrosis. So bioregeneration is that we need to do treatments that really improve the quality, function, and structure of the skin. And when you do histological slides or studies, the skin should look younger and it should look like normal skin. It should not look like a lot of collagen type one. There's a difference between biostimulation and bioregeneration. And we want to do true bioregeneration where we have good skin quality clinically, but when we look at studies, it looks like normal skin. It just doesn't look like a scar full of collagen.

It was a brilliant way to deliver bioactive ingredients. We know that a lot of these topical peptides that we put on the skin, about 0.22% penetrates on the skin. So they just stay on the top of the skin and not actually doing anything. And that's why we have to do microneedling or injections to get the bioactive ingredients like copper peptide on the skin. We know that copper peptide is a great signaling for repair and collagen production, but if you are not injecting it, which in this country it is illegal to inject it, or microneedle, doing things that hurt in order to bring that product into the skin, we're not getting the bioactive ingredients to get at this deep level of the therapies where the cells that need that signaling reside. So when I found this technology, and I found it in Colombia, and I tried it, I was very intrigued by it.

And it took just one time using it where I realized that it did deliver what it promised because my quality of the skin overnight looked significant better; not only to myself, but that day when I went to the clinic, everybody, every patient, nurses, were asking me what did I do that day that my skin was glowing.

Well, GHK, now because the world of peptides in the United States, we are very familiar with it, a lot of people are doing it in different formulations, but they're not doing it legally because we're not allowed to inject GHK legally in the United States because there are not enough data or studies supporting a research that said that it is OK. We understand that the molecule is great because it's for signaling and repair, but we cannot inject it. We will have to microneedle it. And I already mentioned that topically it will not get down to the deep level where it needs to be in order to have a function. So by using these novel spicules, we can actually inject, by massaging it, I mean, the bioactive ingredients goes into the skin with these spicules. And then the glutathione in the skin that is endogenous there, we allow the release of the copper peptide. So this is such a smart, innovative way to actually bring copper peptide into the skin in a legal way and that is supported by science.

It's not a replacement, and I think it's something different entirely because before I had the opportunity to be aware, it wasn't in my radar. I know there's a lot of K-beauty and specious products. I had one from a different company that my sister gave me. They're not all created equal. They actually felt different. In fact, when I got the IDENEL, I was a little bit reluctant because the one that I used before scratched my skin and I have scratches like a cat scratched me. With this, I didn't have that experience. I didn't get scratched. I massaged it the same way. And also I was disappointed with the other that I have experienced in the past. So it felt like, OK, who wants to do this?

When I did it myself and I felt like I have spicules, if you're doing something and you're paying good money, you want to at least feel that something is happening. It wasn't that uncomfortable. And the next day when I woke up, I could not believe my eyes. My skin was glossy, my pores look almost invisible. So I know that I tried two different spicules companies, but this one really delivered what it promised and it didn't damage my skin. I didn't scratch my skin. So I feel like this is a novel way to bring bioactive ingredients without having to give pain or injections to the patients to get the bioactive ingredients. And right now I know that we only have copper peptides

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as a bioactive ingredient, but I'm sure that with this molecule that they created, we can probably add many other things that are important for overall skin health.

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