Press Release

Shiseido Wins Top Award for the 28th time at the 34th IFSCC Congress 2024 Brazil Iguazu Falls

- Aiming to Develop New Beauty Solutions Through the Research Achievements -

At the 34th IFSCC[1] Congress 2024 Brazil Iguazu Falls, the world's largest research conference for cosmetics technology, held in Iguazu Falls in Brazil from October 14 to 17, 2024, Researcher Daigo Inoue of Shiseido won the top award in the Podium Presentation Basic Research category out of a total of 688 presentation papers (83 Podium Presentation and 605 Poster Presentation). Additionally, Researcher Anna Okishima has been awarded the Henry Maso Award for 2024, an award given to young researchers.

This is the 28th time that Shiseido has received the top award at the conference held by the IFSCC, making it the highest number of times awarded among cosmetics manufacturers in the world. Shiseido would like to continue to create innovative values based on its strong research and development capabilities that are highly valued at the global level and deliver beauty innovations to people around the world to realize the company's corporate mission "BEAUTY INNOVATIONS FOR A BETTER WORLD".

1. IFSCC: The International Federation of Societies of Cosmetic Chemists

34th IFSCC Congress 2024 Brazil Iguazu Falls Award Ceremony

Outline of the award-winning theme

[Top award: Podium Presentation Basic Research category]

Daigo Inoue, Ph.D., Researcher, Shiseido MIRAI Technology Institute

Comments on receiving the award
“In science that is advancing day by day, skin science is no exception. Our research achievement has only been possible as we have been looking at skin through “standing on the shoulders of giants” that Shiseido has built. The research, for which we received the top award this time, is only a prologue to upcoming new research on age-spots, and we hope to make further breakthroughs in the future.”

Title of research	Melanoaging: Uncovering and resolving an age-spot specific metabolic change and cellular senescence caused by excessive melanin deposition
Summary of research	Solar lentigo (hereafter called age spots) are one of the everlasting skin concerns that inevitably affects the perceived age of individuals. However, research focusing on the dynamics of age spots regarding "lifecycle of age spot," in which age spots are established and fixated, has remained unexplored. As such, in this research, we revealed that mitochondrial oxidative phosphorylation (OXPHOS) activity is downregulated at the cellular level in live age spots by a non-invasive measurement technique. In addition, we found that this OXPHOS downregulation was caused by excessive melanin deposition, and excessive melanin deposition further leads to cellular senescence. Our results provide novel evidence that excessive-melanin deposition causes cellular metabolic changes and facilitates age-spot specific senescence process referred to as “melanoaging,” and we developed a brightening ingredient combination that has a significant effect on melanoaging.

About IFSCC (The International Federation of Societies of Cosmetic Chemists)

IFSCC (The International Federation of Societies of Cosmetic Chemists) was established in 1959 with the participation of cosmetic chemist societies from eight countries and aims to develop more sophisticated and safe cosmetic technologies through cosmetic chemists around the world. As of today, it comprises more than 16,000 members from 51 societies representing 81 countries and regions, and the research conference, which is held every year, hosts hundreds of research presentations with about 1,000 participants, acting as one of the prestigious platforms in both name and reality for research presentations on cosmetics and dermatology.
▼Shiseido Corporate Website “Introducing IFSCC Research Awards”
https://corp.shiseido.com/en/rd/ifscc/