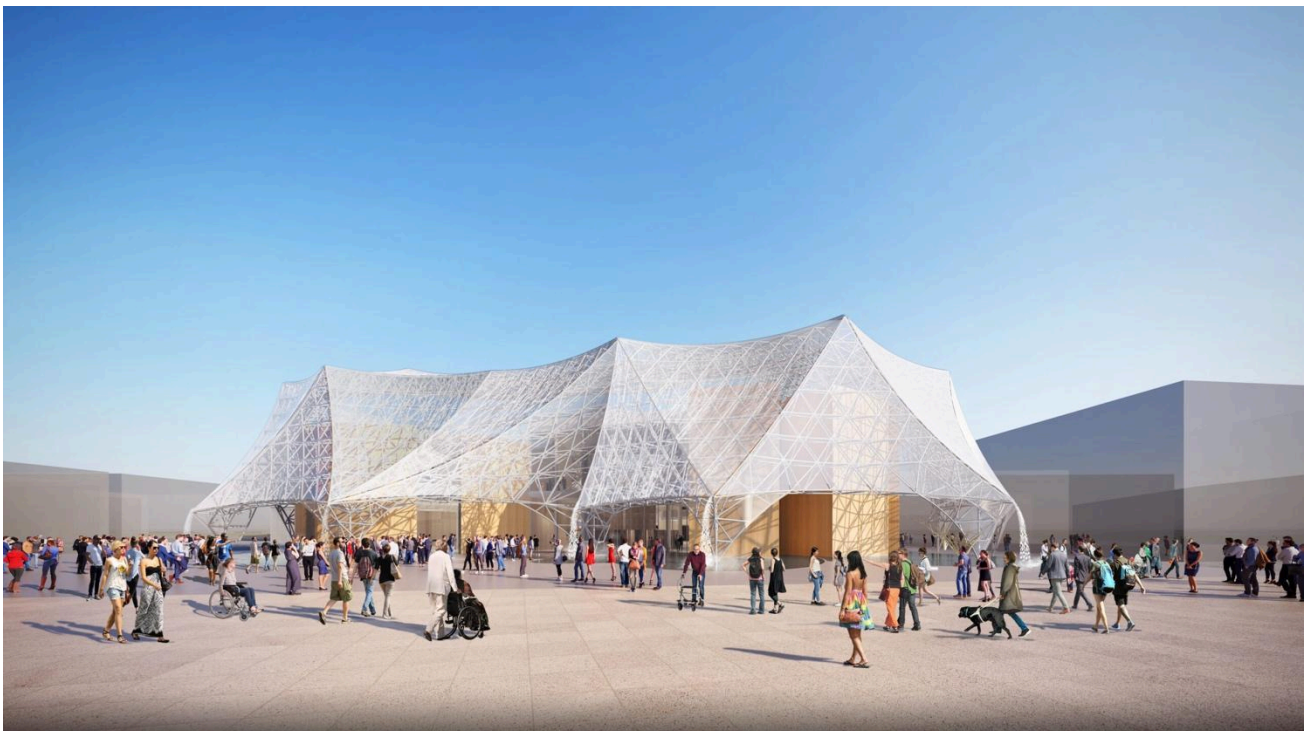


Algal Bio Showcases A Unique Microalgae Library with Microalgae-derived Supplement ‘Moneru’ at Expo 2025, Osaka, Kansai, Japan

Enabling microalgae-derived products to be more accessible and sustainable.

TOKYO (April 15, 2025) - Algal Bio, which develops new products and solutions derived from microalgae with a commitment to “Cultivating Algae's Potential for a Better Future”, is pleased to announce its participation in the “Reborn Challenge” from May 6 (Tuesday) to May 12 (Monday) at Expo 2025 Osaka Healthcare Pavilion. Under the theme of “Embedded Innovations for a Wellness Lifestyle : The Office Aimed at Mental and Cognitive Health”, we will introduce our unique microalgae library with our proprietary microalgae-derived supplement “Moneru”.



Provided by: Osaka Pavilion (public corporation)

Reference : [Osaka Healthcare Pavillion Reborn Challenge Project](#)

Algal Bio is a R&D-oriented biotech startup spin-off from the University of Tokyo, based on 20+ years of scientific research. We are addressing various social issues in health, food, and climate change by developing products and solutions derived from microalgae. Through the world's first microalgae bio-foundry platform, we facilitate over 34 collaborative research projects per year. In 2023, we launched our first in-house developed product “Moneru”, a microalgae-derived supplement.

To date, Moneru has been adopted by trading companies and law firms for their health management, and we are currently conducting demonstration experiments in specific office districts. Through our showcase of Moneru, we hope that many people will see the potential of microalgae generated from our diverse range of microalgae library and experience our cutting-edge microalgae development technology and recycling-based Biomanufacturing.



About Moneru

Moneru is a microalgae-derived supplement developed by the members with PhDs of Algal Bio, a startup from the University of Tokyo, focusing on promoting good rest. From a vast array of microalgae, we have selected a new Chlorella strain “AL-0015” that is specialized for restorative effects on the body and blended it. Moneru received the “Innovation Awards” in the Food&AgTech category at the CES2023 tech trade show in the United States.

Product Name: Algae supplement Moneru in tablets (for 10 days) / (for 30 days)

Where to buy: [Official Site Moneru Store by Algal Bio](#)
(Available only in Japan)

About our proprietary microalgae strain, Chlorella AL-0015

The Chlorella AL-0015 used in Moneru is a proprietary chlorella strain that our company has screened from microalgae strains by focusing on factors that hinder rest, following over 20 years of microalgae research at the University of Tokyo. Microalgae first emerged nearly 3 billion years ago, and it is estimated that there are around 300,000 species on the planet. To apply this diversity of microalgae in various industries, we are establishing our unique microalgae library comprised of 1260 strains of 100 species, and we are accumulating culture data for each species and strain, while also exploring their functionality. Chlorella AL-0015 is the first strain to be developed into a commercial product.

Future Outlook

Health & Wellness, Food Crises, and Global Warming - microalgae, which exist in nature in more than 300,000 species, have the power to address various social issues. To address these global social issues, we work to commercialize new microalgae-derived products and solutions with various companies through our microalgae bio-foundry platform. Our goal is to create a future where sustainable microalgae supports casual foods, chemical products, and fuels, contributing to the well-being and abundance of people's lives.

About Algal Bio

Algal Bio is a R&D-oriented startup company, dedicated to unleashing the potential of microalgae with the mission of “Cultivating Algae's Potential for a Better Future”. We are building the most advanced microalgae bio-foundry platform in the world. Our platform is based on the results of more than 20 years of microalgae research at the University of Tokyo. It consists of a proprietary microalgae library that accumulates culture data on 1,260 strains of 100 species, as well as breeding and selection technologies for each microalgae, know-how for optimizing culture conditions, and a pilot plant for scale-up studies. Our platform will provide the clients with the best possible microalgae for their needs in the shortest possible time. By leveraging our algae bio-foundry platform, we collaborate with a diverse range of companies to bring new algae-derived products and solutions to market. These innovations address critical global challenges, including human health, sustainable food supply, and climate change.

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