

March 3, 2026

Sumitomo Riko and IntegriCulture form strategic partnership to accelerate Cellular Agriculture industrialization

- Launching a project to establish production processes in Singapore using cell culture bags -

Sumitomo Riko Company Limited (Headquarters: Nakamura-ku, Nagoya-shi; President & CEO: Kazushi Shimizu) has entered into a strategic partnership memorandum with IntegriCulture Inc. (Headquarters: Bunkyo-ku, Tokyo; CEO: Yuki Hanyu).

This partnership is a milestone initiative that builds upon co-creation efforts cultivated through the CulNet[®] Consortium and marks a transition from R&D to implementation. To prepare for a regulatory approval application for cell-based foods in Singapore—a leading cellular agriculture market—Sumitomo Riko and IntegriCulture will begin establishing production processes that uses a co-developed 2-liter cell culture bag. They will also commence efforts to establish a contract-manufacturing business in Japan for cell-based foods, leather, and other materials.



IntegriCulture
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SUMITOMO RIKO



Cell Culture Bag: Oxy-thru Cultivator™ 2L

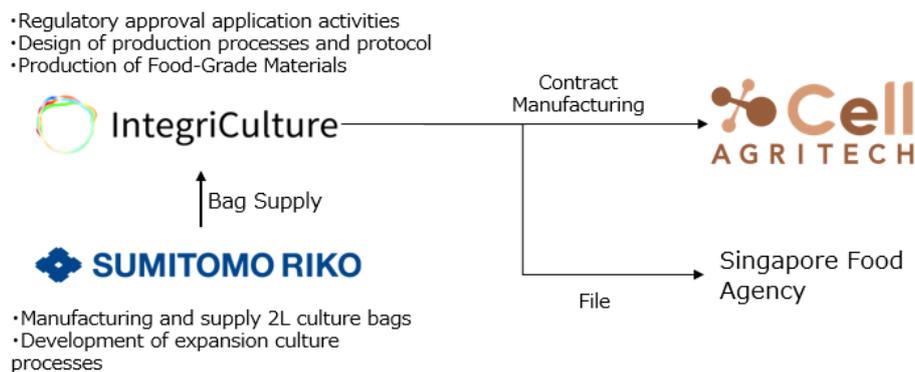
This image is for illustrative purposes only. Specifications may differ from those of the actual product.

■ Cell Culture Bag: Oxy-thru Cultivator™

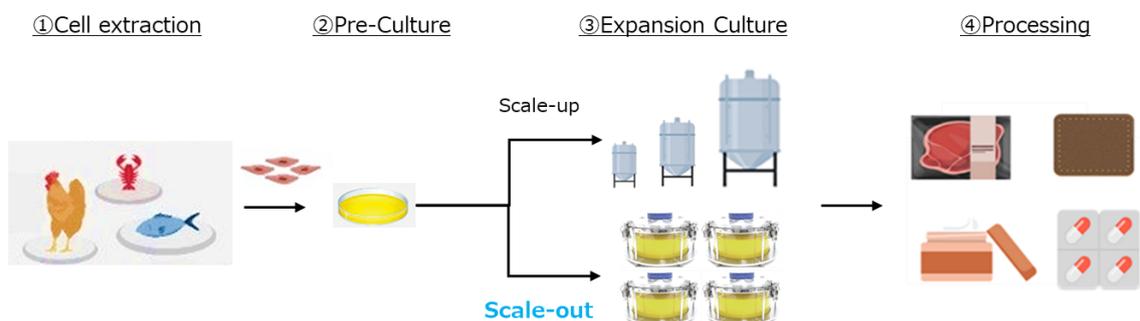
The Oxy-thru Cultivator™ is a cell culture bag that Sumitomo Riko has co-developed with IntegriCulture by using Sumitomo Riko’s proprietary high gas permeability materials and precision molding technology. Since its trial launch in 2024, over 100 units have been shipped, with adoption expanding among cellular agriculture firms and research institutions both in and outside Japan. To date, we have expanded the range of compatible cell types, with highly efficient cultivation confirmed for both avian cells (such as duck and chicken) as well as mammalian, fish, and plant cells. The now-under-development 2-liter model produces approximately 1kg biomass per bag per month (including scaffolding materials).

■ Activities in Singapore and Production Method Used

Singapore has already commercialized some cell-based foods and is a leading city in the cellular agriculture field. IntegriCulture is preparing to file for regulatory approval in 2026 in Singapore. To that end, it will trial the 2-liter culture bag at Cell AgriTech Pte. Ltd., (IntegriCulture’s contract manufacturing partner in Singapore) and begin verifying a production process that uses avian cells.



The “scale-up” method is commonly used to produce cell-based foods by enlarging cultivation equipment to increase production volume. In contrast to that method, this initiative employs a “scale-out” method, whereby output is increased by operating multiple small units in parallel. Because Sumitomo Riko’s cell culture bags can be used with general-purpose laboratory equipment installed in standard scientific laboratories, the “scale-out” method enables significant reductions in initial capital investment and rapid production startup. Production volumes can be flexibly adjusted by increasing/decreasing the number of bags, allowing for phased expansion in line with market growth. Moreover, operating each bag independently spreads risk, thereby facilitating a stable supply system.



In the “2029 Sumitomo Riko Group Vision”, “Secure a stable food supply” is a key priority area. Moreover, “Developing People and Peers Who Pioneer the Future” is positioned as an important pillar in the Vision. Accordingly, Sumitomo Riko actively promotes collaborations with startups to create new businesses, and this partnership with IntegriCulture is a model example thereof. Through co-creating both within the Group and with external partners, we will continue striving to make “Green & Pleasant Society Connecting the Nature, City and People” a reality.

<IntegriCulture Inc.>

<https://integriculture.com/en/>

<Past Press Release on this Collaboration>

<https://www.sumitomoriko.co.jp/news/2024/hqcopu0000001lgj-att/n51910758.pdf>

<Inquiries about this Press Release>

Sumitomo Riko Company Limited, Life Innovation Business Unit

Email: bio-mems@jp.sumitomoriko.com

Hours: 9:00–17:00 (excluding Saturdays, Sundays, public holidays, Golden Week, summer holidays, and year-end/start holidays)

Contact Information

Sumitomo Riko Company Limited

Public Relations and Investor Relations Department

JP Tower Nagoya 1-1-1, Meieki, Nakamura-ku, Nagoya-shi, Aichi 450-6316, Japan

tel +81-52-571-0259 e-mail product.info@jp.sumitomoriko.com <https://www.sumitomoriko.co.jp/english/>