

Singapore's TurtleTree integrates biopharma technology into cell agriculture industry

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To Produce Cell Culture Media at Commercial Scale

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JSBio will leverage its strong media development expertise and established local raw material supply chains in this partnership. The group company's (Thousand Oaks BioPharmaceuticals Group) unique "integrated cost control program" in the field of biological products will help TTS to achieve high-efficiency and low-cost production capabilities. After low-cost upstream processes are established, JSBio will help TTS achieve pilot production capacity and subsequently, commercial production scale in Singapore.

TTS parent company, TurtleTree Labs Pte Ltd, is already a customer of this partnership and has an exclusive patented technology around the production of human milk as well as naturally-occurring components within it. These different ingredients have various targeted health benefits and their commercial production will unlock access to better nutrition for infants, young children, and adults alike.

JSBio has a robust track record for the development of mammalian cell culture media with validated large-scale production and cell culture process development capacity.

For TurtleTree Scientific customers, this means having access to complete media solutions at the price point necessary to make cell agriculture a reality for mass production.

Both parties have recognized the potential synergies and have entered a collaboration to complement each other's advantages. There is untapped potential for biopharmaceutical technology to be applied to the production of food and nutrition in the cell agriculture industry. This will shape the future of safe, accessible, and higher quality sustainable foods.