

## **Executive Summary**

The Tanda Biotech project, led by Yingqing (YQ) Huang, Founder & CEO, aims to revolutionize large-scale bioproduction with cost-efficient, eco-friendly, and scalable tools.

The bioproduction industry currently faces challenges such as limited scalability, high costs, and inefficiencies. Tanda Biotech's innovative filtration system addresses these issues by offering 20 times the capacity of traditional systems, reducing plastic waste by 90%, and lowering both capital and operational expenditures by 50-80%. This system operates continuously without downtime, making it a game-changer in the industry.

The solutions provided by Tanda Biotech have multiple applications, enabling end-to-end continuous production in cell separation, sterile filtration, fermentation, bioreactors, and product purification. The business model includes capital sales of filtration equipment, engineering services, software development, maintenance plans, and the sale of system components and cleaning reagents. The growing demand for bioproduction capacity is expected to generate billions of dollars in serviceable obtainable market (SOM) in the coming decades.

The Tanda Biotech team boasts over 80 years of combined experience. The team's proven track record and global sales resources position Tanda Biotech for success. The company has completed prototype designs and programming, generating initial revenues from prototype sales and consulting. With nine pending patents, the company plans to launch its filters and systems by Q1 2025. Tanda Biotech is raising \$2.5 million to support automated system development, low-volume filter production, marketing and sales, IP and operations, and equipment development.

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