

Biosphere Launches with UV-Sterilized Bioreactor and \$8.8M Seed Financing

Client News

January 9, 2025

Gunderson Dettmer represented client Biosphere, a company developing advanced bioproduction systems, in its emergence from stealth and \$8.8 million seed financing led by Lowercarbon Capital and VXI Capital. The company has launched a groundbreaking UV-sterilized bioreactor which marks a pivotal moment for industrial biotech, unlocking a step-change reduction to the capital intensity that has constrained the industry for decades. The company will use the capital to accelerate its engineering and scale-up efforts, enabling rapid deployment of their reactors at scale.

In the [announcement of the transaction](#), Biosphere co-founder and CEO Brian Heligman, Ph.D. said, “Our UV bioreactor is not an incremental improvement; it’s a first-principles reimagining of biomanufacturing systems. We’re replacing eighty-year-old technology with a cost-effective, scalable platform designed for the future. UV bioreactors will be the foundation of biomanufacturing in the 21st century, giving bioproduct startups and industry leaders the tools they’ll need to scale their revenue 100x.”

The Gunderson Dettmer deal team was led by Cody Peterson and included Tim Greene, Rajan Patel, Zack Goldman and Radhika Raman.

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