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Frontier Space and Xponential Space Announce Strategic Partnership to Accelerate Commercialization of Space-Enabled Life Sciences

Copenhagen / September 8, 2026 Frontier Space, a UK based space biotechnology company enabling in-orbit R&D and biomanufacturing technologies, and Xponential Space, a strategy and commercialization firm focused on space-enabled markets, today announced a strategic partnership to accelerate the development and commercialization of microgravity-enabled life sciences and biomanufacturing applications.

The partnership combines Frontier Space's capabilities in in-orbit experimentation and biomanufacturing with Xponential Space's expertise in market development, pharmaceutical industry engagement and commercialization strategy.

Together, the companies will work to identify high-value pharmaceutical and biotechnology applications for microgravity, translate industry requirements into viable orbital programs, and develop commercial pathways connecting life sciences customers with emerging in-space research and manufacturing capabilities. The collaboration aims to bridge the gap between advancing in-orbit technologies and clearly defined pharmaceutical and biotechnology industry needs.

"Space infrastructure is advancing rapidly. The next challenge is ensuring that we are building applications around real problems that pharmaceutical and biotechnology companies are prepared to solve," said Ignacio Krasovitzky, Founder and CEO of Xponential Space. "Frontier Space is developing capabilities that can help make microgravity research and manufacturing more accessible, repeatable and commercially relevant. Our partnership is about connecting those capabilities directly with industry demand."

Frontier Space is developing technologies designed to enable autonomous biological experimentation and manufacturing in orbit, including its SpaceLab platform. Frontier Space has already demonstrated its ability to rapidly develop and deliver space biotechnology payloads, delivering two payloads within a nine-month period. Under the partnership, Frontier Space and Xponential Space will collaborate across pharmaceutical business development, use-case identification and prioritization, market validation, strategic partnerships, and the commercialization of microgravity-enabled R&D and manufacturing services.

"Frontier Space is developing the infrastructure required to make in-space biotechnology more accessible, repeatable and scalable," said Aqeel Shamsul, Founder and CEO of Frontier Space. This partnership strengthens the commercial layer around those capabilities by connecting our in-orbit technology with deeper pharmaceutical market insight and industry requirements. Together, we can identify where microgravity can deliver genuine scientific and commercial value and build pathways from early validation through to repeatable commercial services."

Frontier Space and Xponential Space will focus on opportunities where the space environment can demonstrate a measurable scientific, operational or economic advantage over terrestrial approaches. The objective is to progress

promising applications from an identified industry need through feasibility and validation, orbital demonstration and, ultimately, repeatable commercial services.

“Our objective is not to put experiments in space simply because we can,” Krasovitzky added. “The objective is to determine where microgravity creates enough value that pharmaceutical and biotechnology companies want to come back a second, third and tenth time. That repeat demand is what will ultimately turn space-enabled life sciences into a sustainable market.”

About Frontier Space

Frontier Space is a UK space biotech company building platform technology to unlock the potential of pharmaceutical in-space biomanufacturing and research & development for the emerging commercial space industry. The company’s platform technologies, SpaceLab and XSB, aim to offer accessible, flexible, and scalable infrastructure for pharmaceutical R&D and biomanufacturing in orbit.

About Xponential Space

Xponential Space is a strategy and commercialization company focused on accelerating the adoption of space-enabled solutions on Earth. Working across activation, market intelligence, strategy and execution, Xponential Space helps organizations identify high-value applications, validate market demand and translate emerging space capabilities into scalable commercial opportunities.

The company has a particular focus on microgravity-enabled life sciences and advanced materials, working across the pharmaceutical, biotechnology, space infrastructure, government and investment ecosystems.