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FOR IMMEDIATE RELEASE

Seibersdorf Laboratories and Tumbleweed partner on Microgravity R&D Service for Pharma and Biotech

Austria's leading testing institute and Vienna-based space-tech scaleup make space-based drug testing as simple as standard lab analysis. First flights scheduled for Q3 2027.

SEIBERSDORF/Vienna, Austria – Nov 24, 2026 — Seibersdorf Laboratories and Tumbleweed have signed a partnership agreement to build a joint end-to-end service for microgravity research and development (R&D) for pharmaceutical and biotech companies. The first mission flies in 2027, targeting biopharma applications such as protein crystallization and new drug formulation.

Microgravity is rapidly becoming the next commonplace industrial resource. Yet aerospace certification and regulatory hurdles have kept most companies out. Building on top of Tumbleweed's certification-less space access service, Seibersdorf will act as a service facilitator operating this new offering alongside its existing business. Biopharma customers will be able to benefit from microgravity directly within the R&D projects they already run with Seibersdorf Laboratories.

> *"For the R&D pipeline of our pharma clients, microgravity becomes a strategic lever to optimize quality and speed-to-market. Seibersdorf Laboratories pools its expertise to offer end-to-end solutions together with value-add partners. Especially in the market of oncological precision medicine with radiopharmaceuticals, we bring decades of experience to the interface of Space and R&D."*
> – Markus Neumann, Managing Director, Seibersdorf Laboratories

Seibersdorf brings decades of space heritage and strong customer trust. The company already tests hardware and radiation for European space missions and runs pharmaceutical labs. Under the partnership, Seibersdorf Laboratories will offer experiments in weightlessness, complementing its existing CRO and CDMO services. This covers oversight of experimental design, sample preparation, GxP-aware documentation, radiation expertise and pre- and post-flight laboratory analysis.

Tumbleweed manages the spaceflight side. Designed to plug directly into existing workflows, its service covers pre-certified payload accommodation via its Pod container, which manages power, data, and flight qualification, launch integration and mission operations.

Together Seibersdorf and Tumbleweed will prove technical and commercial feasibility on the first mission and open the service to recurring industrial customer projects.

> *"We've started Tumbleweed because we became convinced that for microgravity to become widely useful, it needed to seamlessly integrate into biopharma supply chains. Minimizing adoption hurdles and optimizing unit economics for this supply chain at large is our mission, and it is great to see trailblazing companies like Seibersdorf adopting it so quickly, while bringing novel reformulation capabilities to their existing customer base.*"
> – Julian Rothenbuchner, CEO & Co-Founder, Tumbleweed

The partnership builds on strong momentum at Tumbleweed. The company closed a €6.9 million seed round earlier this month, after the July 2026 flight of Oasis Alpha, its first commercial satellite, which carried experiments exclusively for first-time space users.

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Note to Editors

About Seibersdorf Laboratories
Seibersdorf Labor GmbH specialises in complex laboratory analysis and measurement techniques, as well as independent testing services. For decades, we have been supporting our clients with reliable measurements, analyses and assessments. In our laboratories, interdisciplinary teams work within a modern infrastructure.
The Space Division of Seibersdorf Labor GmbH is a partner for space expertise, radiation testing, innovative space technologies and cross-sector networking. Our team combines scientific excellence with industrial practice to support established space industry players and New Space innovators on their journey towards a connected, safe and sustainable future in space.
Our Radiopharmaceuticals business unit is a leading independent contract development and manufacturing organisation (CDMO). We support pharmaceutical companies in the development and commercialisation of new and advanced radiopharmaceuticals. In Seibersdorf, we operate one of the largest and most renowned radiopharmaceutical production facilities in Central Europe, where radiopharmaceuticals have been commercially manufactured under GMP conditions for decades.

More at: seibersdorf-laboratories.at

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About Tumbleweed
Tumbleweed makes access to space as easy as mailing a package with the ultimate aim of making microgravity an industrial resource. The company sells Pods to labs, manufacturers and R&D teams. Pod is a modular payload container that handles power, data and certification. Oasis is the free-flying orbital platform that hosts Pods and returns them to Earth. Founded in 2024 and now a team of 26 across Vienna and Delft, Tumbleweed leverages rapid hardware development and transparent pricing to get commercial partners from idea to space faster than ever before.
More at: tumbleweed.com

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