



SEIBERSDORF
LABORATORIES



New Space

The Space-to-Earth Bridge for New Space Life Sciences

We provide the ultimate terrestrial ecosystem to validate space-biotech hardware before flight, and to process, analyze, and scale orbital samples under strict GMP conditions upon return.

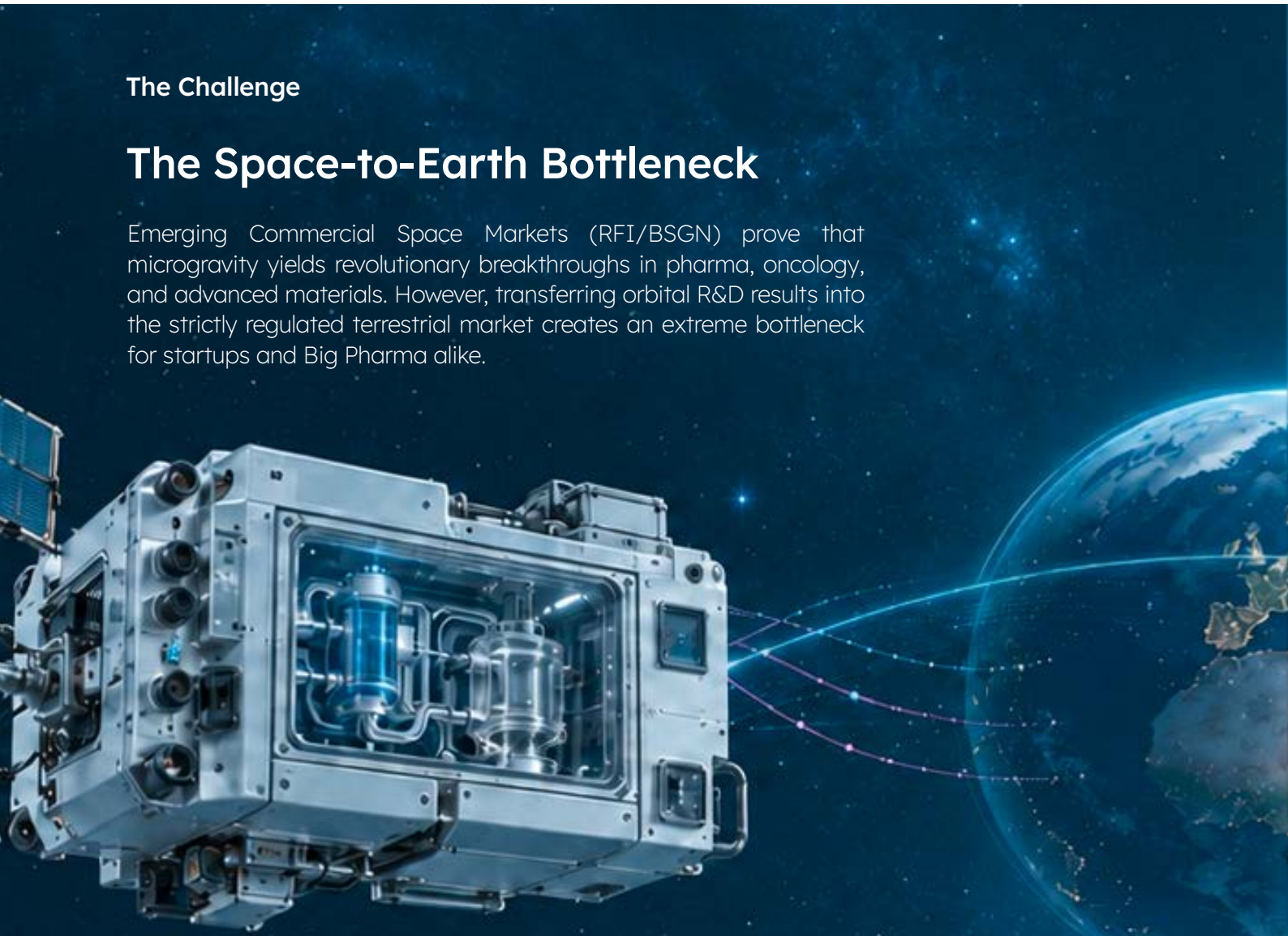
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The Challenge

The Space-to-Earth Bottleneck

Emerging Commercial Space Markets (RFI/BSGN) prove that microgravity yields revolutionary breakthroughs in pharma, oncology, and advanced materials. However, transferring orbital R&D results into the strictly regulated terrestrial market creates an extreme bottleneck for startups and Big Pharma alike.



What makes us different?

Why Space Startups & Big Pharma Trust Us

- ✓ **Your IP and your space-flown data remain 100% yours.**
- ✓ **You can count on ESA trusted heritage.**
- ✓ **Seamless transition path from microgravity experiment to regulatory compliant pharmaceutical product.**

Absolute IP Neutrality (Zero Patent Risk)

Unlike other platforms, SL is a pure-play infrastructure and service provider. We do not develop own drugs or hold substance patents. Your IP and your space-flown data remain 100% yours.

Our Solution

**We are your
certified, neutral
Infrastructure &
Space CRO Partner**

Pre-Flight

Space CRO Partner - Mission Design & Preparation

Expert support from initial mission concept to flight-ready experiment, including feasibility assessment, experimental design, hardware integration, and pre-flight preparation.

Radiation & Space Weather Testing

Comprehensive simulation of cosmic radiation, heavy ions, and gamma exposure on hardware and biological samples.

EMC & Environmental Testing

Accredited electromagnetic compatibility and stress testing for microfluidic chips, automated mini-labs, and sensors.

Post-Flight

New 2027 Radiopharmaceutical Facility

State-of-the-art GMP-certified cleanroom capacities ready for contract manufacturing (CDMO) and formulation.

Advanced Bio-Analytics

High-end quality control, proteomics, and stability testing for sensitive space-flown biologics (e.g., mRNA, proteins, 3D tissue).



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