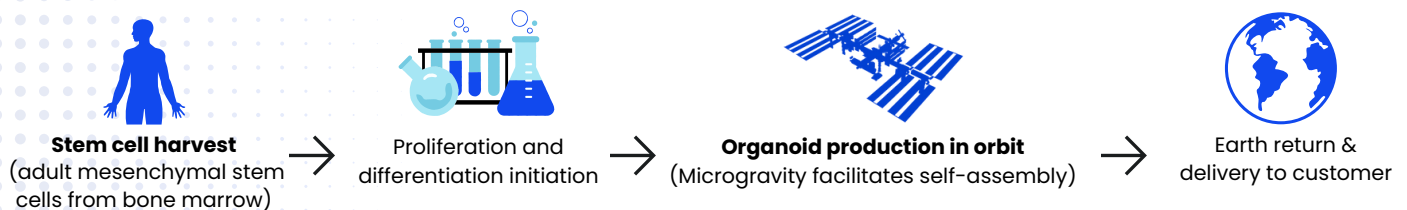



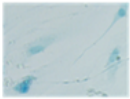
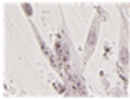
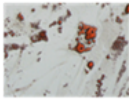

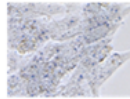
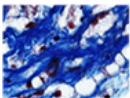
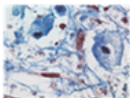
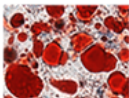
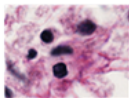
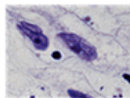
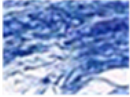

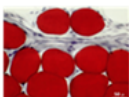
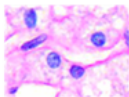
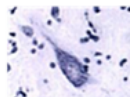
## SUPERIOR QUALITY HUMAN ORGANOIDS

- Consistent quality for reproducible results
- High level of differentiation
- No matrix or scaffold
- Ready to use
- Extended viability for up to 2 months

## SIMPLE & RELIABLE PRODUCTION PROCESS



## PROVEN ON 2 SUCCESSFUL MISSIONS TO SPACE

	Cartilage	Bone	Adipose (Fat)	Liver	Neurons
					
Ground control (2D)					
Tissue differentiation ISS Flight					
«Human Tissue» Textbook Reference					

- 472 organoids produced - 100% yield - highly identical products
- Stem cells harvested from female and male donors of various ages
- Economically scalable on a number of orbital production platforms

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**Dr. Liliana Layer**  
Chief Scientific Officer

- Former Research Associate, University of Zurich, in the group of Prof. Dr. Dr. Oliver Ullrich, incl. participating in organoid space missions
- Founder, Nova Space Biotechnology GmbH
- Former R&D manager and product specialist, PromoCell
- PhD, Paul Ehrlich Institute; Postdoc, Max Planck Institute for medical Research



**Prof. Dr. Dr. Oliver Ullrich**  
Senior Scientific Advisor

- Full professor at UZH and Director of UZH Space Hub, specialized in cell biology, anatomy, immunology, aerospace medicine
- Professor of Space Medicine (EAH Jena), Professor of Space Biotechnology (Uni Magdeburg), Lecturer at ETH and HSG
- 17 years of experience as scientific leader of many parabolic flight, suborbital ballistic rocket and ISS missions
- President of the German Society for Aerospace Medicine, President of the Swiss SkyLab Foundation
- Co-founded 3 successful start-up companies



**Dr. Cora Thiel**  
Senior Scientific Advisor

- Chief Scientist Gravitational Biology at UZH Space Hub, specialized in cell and molecular biology and gravitational biology
- 17 years of experience as scientific co-leader of parabolic flight, suborbital ballistic rocket and ISS missions
- Project leader of 3D Organoids in Space (3DOiS) for UZH, the project that generated the technology Prometheus is licensing



**Raphael Roettgen**  
Chief Executive Officer

- Founder, E2MC Ventures, a space-focused early-stage VC
- Former senior positions in investment banks and hedge funds
- Lecturer on space entrepreneurship at EPFL and ISU
- BS Economics (Wharton), Masters Computer Science – Machine Learning (PUC-Rio), Space Studies Program (ISU)



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