



Session	Start-ups/SMEs looking for Finance: pre-seed/angel/seed funding
Title	The new silk road - Bio-Glycine and fabulous materials made from CO2-based liquid feedstocks
Company	b.fab GmbH
Speaker	Dr. Frank Kensy
Keywords feedstock (max. 2)	Methanol, Formic acid
Keywords technology (max 2)	CO2-based biomanufacturing
Keywords End-Product (max 2)	Bio-Glycine, Glycine-rich-materials
Abstract:	
Fabulous Bio (a brand of b.fab GmbH) is specialized in C1 Bioeconomy und uses CO2-based liquid feedstocks for their circular bioprocesses. The technology is based on a proprietary pathway utilizing formate or methanol for biomanufacturing. By using these liquid feedstocks, the company creates a direct link between the chemical industry and biomanufacturing decoupling it from agriculture (sugars) and allowing a massive scale up. At the same time, the technology can be operated in standard bioreactors and therefore, be scale up very fast with CDMOs without requiring FOAK or NOAK plants. Besides the huge potential of the platform technology, Fabulous Bio first focusses on Bio-Glycine production due to the high market demand (the \$1.4 billion glycine market) and simplicity of the process. The technology can be further applied for Glycine-rich materials which can be designed from scratch delivering biodegradable, high-performance materials for medical, cosmetic or textile applications. The company is now seeking for CDMO production partners and investors to support and accompany the market launch and pave the way for a new biomanufacturing silk road.	