



Session	Start-ups/SMEs looking for Finance: Pre-seed/Angel/Seed
Title	The Fungal Bioingredient Flywheel
Company	Mycolever GmbH
Speaker	Britta Winterberg
TRL	TRL 4-7
Keywords feedstock (max 2)	Renewable feedstock
Keywords technology (max 2)	Biodiscovery, Fermentation
Keywords End-Product (max 2)	Skin actives
Abstract:	
Mycolever unlocks the fungal kingdom for consumer care and beyond. Of the 5 million fungal species, less than 1% are commercially used today. Our AI-powered discovery-to-commercialization platform turns that biodiversity into a continuous pipeline of next-generation bioingredients targeting less than 1,000 days from discovery to market. Our proprietary Discovery Flywheel runs in sequence with an AI orchestration layer accelerating every design-build-test-learn cycle: novel molecule discovery across thousands of molecules; AI claim prediction on computational models such as skin models; integrated scale-up from bench to 1,000 L. This piloting platform will enable fast tech transfer to CMO partners and capex-light scaling for specialty performance ingredients. We currently focus on specialty lipids and bioactives for hydration, barrier support, longevity and multifunctionality. Our beachhead is B2B skin care scaling across consumer care and beyond. MELAKIN, our first bioactive glycolipid, is the proof point offering hydration and ceramide-like barrier repair. Leading brands are on the sample waitlist, and a first long-term partnership with one of the world's top cosmetics brands is established to build the market for mannosylerythritol lipids (MEL) and cellobiose lipids (CBL). Founded 2023 in Rheinbach, Germany, we have raised ~EUR 4.5m in equity and non-dilutive funding. We are raising a seed round to scale the platform and launch a new bioingredient every six months.	