



Session	Start-ups/SMEs looking for Finance: Pre-seed/Angel/Seed
Title	MycoVibes Biotech: Turning Agri-Food Side Streams into High-Value Functional Mycoprotein
Company	MycoVibes Biotech
Speaker	Katarzyna Nowak
TRL	TRL 4 - 7
Keywords feedstock (max 2)	Agri-food sidestreams
Keywords technology (max 2)	Submerged fermentation
Keywords End-Product (max 2)	Functional mycoprotein
Abstract:	
MycoVibes Biotech is developing a circular biotechnology platform that transforms agri-food side streams into high-value, nutrient-dense mycoprotein through submerged fermentation of <i>Lentinula edodes</i> (shiitake) mycelium. Our proprietary technology produces a functional mycoprotein with a complete profile of all nine essential amino acids, naturally occurring vitamin B12, iron and beta-glucans. Its techno-functional properties, including water-binding capacity, texture enhancement and natural umami flavour, make it a versatile ingredient for a wide range of food and nutrition applications. By combining side-stream valorisation with high-value ingredient production, our platform supports a more resource-efficient food system. Our capital-efficient scale-up strategy leverages existing fermentation infrastructure, reducing investment requirements and accelerating industrial deployment. Our B2B solution addresses the growing demand for sustainable, nutrient-dense ingredients in sports nutrition, healthy ageing, GLP-1-oriented nutrition, functional foods and premium pet food. Currently at TRL 5, we have successfully validated our fermentation technology at semi-pilot scale, demonstrating its potential for further scale-up and industrial application. We are raising €1 million in pre-seed funding and seeking strategic partnerships with ingredient manufacturers, food and pet food producers, and industrial fermentation partners to accelerate scale-up and commercialisation.	