



Session	Start-ups/SMEs looking for Finance: Series A and Series B/C Funding
Title	Reimagining Colour with Biology: The Science Behind PurePalette by Octarine Bio
Company	Octarine Bio
Speaker	Nick Milne
Keywords feedstock (max 2)	Dextrose
Keywords technology (max 2)	Precision fermentation
Keywords End-Product (max 2)	Pigments
Abstract:	
Octarine Bio is a world-leading synthetic biology platform dedicated to building sustainable solutions that address some of the planet’s most pressing challenges. Through our expertise in cell-factory engineering and precision fermentation, the Octarine Bio Platform produces sustainable, bio-based ingredients such as pigments, skincare ingredients, health supplements, and more. Our flagship product, PurePalette , uses advanced precision fermentation technology to deliver a vibrant spectrum of first-in-industry nature-based pigments — including black — that can be seamlessly integrated into existing supply chains across multiple industries and applications, enabling safer and more sustainable colour solutions wherever high-performing, sustainable, and non-toxic pigments are needed. This approach allows companies to reduce their reliance on inconsistent supplies of raw materials and fossil-derived chemistry, building resilient supply chains that are both scalable and future-proof. By rethinking how natural ingredients are made, Octarine Bio supports industries in reducing environmental impact and accelerating innovation. We partner with brands, manufacturers, and suppliers to integrate our solutions into global value chains. Our goal is to become the trusted platform for bio-based innovation — enabling safer, more sustainable products across sectors.	