



Session	Start-ups/SMEs looking for Finance: Pre-seed/Angel/Seed
Title	Creating a new ingredient category for skin and hair health
Company	Lifebloom
Speaker	Chris Christiansen
TRL	TRL 4-7
Keywords feedstock (max 2)	Cyanobacteria, Microalgae
Keywords technology (max 2)	Extraction, Filtration
Keywords End-Product (max 2)	Cosmetic ingredients
Abstract:	
Lifebloom is building a new biopolymer ingredient platform for healthier skin and hair and a future beyond persistent synthetic polymers. We use naturally occurring biopolymers from cyanobacteria and microalgae as biological building blocks for a new generation of active and functional cosmetic ingredients. By controlling their properties and modifying their structure, we aim to create ingredients that combine high performance, biodegradability and superior sensory properties. We have developed our first extraction technology, filed IP, secured a scale-up pathway, and are moving into clinical validation and kilogram-scale pilot production. Commercial traction is already emerging, with our first binding conditional purchase agreement signed and a co-development project underway with a leading sun care brand to develop our first functional ingredient. Our ambition goes beyond any single ingredient: to build a platform for designing, developing and commercialising a new generation of high-performance biopolymer ingredients for the global cosmetics industry.	