



Session	Start-ups/SMEs looking for Finance: Pre-seed/Angel/Seed
Title	Scottish Biomass for Global Bio-chemical Supply Chains
Company	RIPCELL Limited
Speaker	EVE WILDMAN
TRL	TRL 4 - 7
Keywords feedstock (max 2)	Distillery biomass
Keywords technology (max 2)	seperation purification
Keywords End-Product (max 2)	Bio-acids energy
Abstract:	
RIPCELL is transforming whisky distillery byproducts into high value, bio-based chemicals for cosmetics, personal care, and other industrial applications. Our circular biorefinery platform uses underutilised distillery residues as a renewable feedstock to produce bio-lactic acid, bio-acetic acid, clean water, and renewable energy. By creating valuable products from an existing industrial sidestream, RIPCELL offers an alternative to conventional petrochemical and fermentation supply chains (that compete with food/land security); while helping our partner distilleries reduce waste, improve resource efficiency, and create new revenue streams. We have demonstrated production at pilot scale and have secured long term access to 0.5 million tonnes of Scottish biomass feedstock through 15-year agreements with industry stakeholders. We are progressing commercial validation with major customers, including an MoU with LUSH cosmetics for bio-lactic acid and engagement with partners across cosmetics, personal care, chemicals, and animal nutrition. Our initial focus is high value lactic acid applications in cosmetics and personal care, where it is used in skincare, formulation, pH control, exfoliation, and other applications. We are also testing flexible production of a range of lactate esters, buffers and utilisation of alternative feedstocks. RIPCELL's ambition is to build a scalable portfolio of circular biochemicals from one of Europe's most distinctive industrial resources.	