

**Wednesday 11<sup>th</sup> February 2015**

		<b>Main Conference</b>		<b>Soap Box Cafe</b>			
		<i>Fleming Room</i>		<i>Whittle Room</i>			
<b>9:15</b>	Registration						
<b>10:00</b>	Welcome	Steve Bagshaw, CEO, Fujifilm Diosynth Biotechnologies & IBLF co- chair					
<b>10:10</b>	Keynote: Industrial Biotechnology – A Big Pharma Approach to Innovation	Murray Brown, Principal Scientific Investigator, Synthetic Biochemistry, Advanced Manufacturing Technologies, GSK					
<b>10:45</b>	Key message on delivering science excellence in the UK	Rt. Hon George Freeman Minister for Life Sciences					
	<b>Industry Perspectives</b>	<b>Chair: Steve Bagshaw</b>					
<b>11:00</b>	An Adventure in Biotechnology: Finding the Track to a Viable Bioprocess	David Johnson, Research Associate, Lucite					
<b>11:20</b>	Transforming Biological Productivity	Sean Ward, Founder & CTO, Synthace					
<b>11:40</b>	IBLF Update	Steve Bagshaw, CEO, Fujifilm Diosynth Biotechnologies & IBLF co- chair					
<b>12:00</b>	<b>Lunch</b>						
	<b>Building Partnerships</b>	<b>Chair Ian Fotheringham, Ingenza</b>		<b>NWE Pilot Plants Workshop</b>	<b>Facilitator: Adrian Higson, NNFCC</b>		
<b>13:30</b>	C1 fermentation approaches to commodity chemicals, enabled by academic and industrial	Michelle Gradley, Director of Process Biotechnology, Biosyntha	<b>13:00 - 13:15</b>	Bio-Base Europe Pilot Plant, Belgium	Muriel Dewilde, Business Developer		

	partnering						
<b>13:50</b>	Collaborations in IB – The Opportunities, Challenges and Successes	David Randall, R&D Manager, Chemoxy International	<b>13:20</b> - <b>13:35</b>	Centre for Process Innovation, UK	Steve Pearson, Head of Business & Strategy		
<b>14:10</b>	Successful commercialisation of technology for manufacturing Active Pharmaceutical Ingredients developed through collaboration	David Chaplin, Head of R&D, Dr Reddy's	<b>13:40</b> - <b>13:55</b>	Bioprocess Plant Facility, The Netherlands	Arno van de Kant, Business Development Manager		
<b>14:30</b>	Key partnerships to scale the process technology to convert whisky production residues into biofuels and biochemicals	Mark Simmers, CEO, Celtic Renewables	<b>14:00</b> - <b>14:15</b>	Biorenewables Development Centre	Joe Ross, Director		
<b>14:50</b>	<b>Networking Break</b>		<b>14:20</b> - <b>14:35</b>	ARD	Yvon Le Hénaff, Managing Director		
	<b>Products to Market</b>	<b>Chair: Ed Green, Green Biologics</b>	<b>14:40</b> - <b>14:55</b>	BEACON	Mike Morris, Business Development Manager		
<b>15:30</b>	Exploring the commercial viability of peptones isolated from Norwegian salmon co-products	Kjartan Sandnes, CEO, Alkymar AS	<b>15:00</b> - <b>15:30</b>	<b>Networking Break</b>			
<b>15:50</b>	From The Lab to The Markets – CelluComp Case Study	Christian Kemp-Griffin, CEO, Cellucomp		<b>Scale up challenges</b>	<b>Chair: Adrian Higson, NNFC</b>		
<b>16:10</b>	Commercialising biocatalytic routes to flavours and fragrances	Jason King, CEO, Oxford Biotrans	<b>15:30</b> - <b>15:40</b>	Photobioreactor designs: Past, present and future contenders	Steve Skill, Knowledge Transfer & Research Officer, Swansea University		
<b>16:30</b>	Keynote: Industrial Biotechnology: Enabling the Bioeconomy	Andrew Morgan, Chief Scientist, DuPont N&H	<b>15:50</b> - <b>16:00</b>	Industrial biotechnology at SINTEF	Håvard Sletta, Senior Scientist, SINTEF		

			<b>16:10</b> -	Engineering membrane fractionation and purifications for bioreaction systems	Darrell Patterson, University of Bath			
			<b>16:20</b> -					
			<b>16:30</b> -	Membrane bioreactors for enhanced and intensified bioprocessing	Bob Lovitt, Senior Lecturer, Swansea University			
			<b>16:40</b> -					
			<b>16:50</b> -	Exploitation of agri-food chain waste streams	Keith Waldron, Research Leader, IFR			
			<b>17:00</b>					
<b>17:00-18:30</b>	<b>Wine Reception</b>		<b>Sponsored by Biocatalysts Ltd</b>					
<b>Thursday 12th February 2015</b>								
<b>Main Conference</b>			<b>Soap Box Cafe</b>			<b>The IB Den</b>		
<i>Fleming Room</i>			<i>Whittle Room</i>			<i>Abbey Room</i>		
<b>8:30</b>	<b>Registration</b>							
	Welcome	Yvonne Armitage, Head of Biosciences & Industrial Biotechnology, KTN Ltd		<b>Feedstocks &amp; Biorefining I</b>  Sponsored by: Chemical Sciences Scotland supported by Scottish Enterprise and Scottish Development International	<b>Chair: Marit Sommerfelt Valseth, Innovation Norway</b>	<b>9:35</b>	<b>Welcome</b>	Michelle Carter, KTN Ltd
<b>8:55</b>								
<b>9:00</b>	Keynote: Agricultural feedstock availability for the bio-based economy	Jonathan Scurlock, Chief Advisor, Renewable Energy and Climate Change, National Farmer's Union	<b>9:30 – 9:35</b>	Launch of the Biorefinery Roadmap for Scotland	Alan Wolstenholme, Chair, Scottish IB Development Group		<b>Facilitators: Michelle Carter &amp; Bryan Hanley, KTN Ltd</b>	
	<b>BBSRC Networks in Industrial Bioethnology &amp; Bioenergy Session 1</b>	<b>Chair: Celia Caulcott, BBSRC</b>	<b>9:35 - 09:45</b>	Norwegian Biorefinery Laboratory (NorBioLab) and The Norwegian Nanocellulose Technology Platform (NorCel); R&D along the green value chain	Karin Øyaas, Research Manager, Paper and Fiber Research Institute, Norway	<b>9:40</b>	Christian Kemp-Griffin	CelluComp Ltd
<b>9:30</b>	Introduction	Celia Caulcott, Executive Director, Innovation & Skills,	<b>9:50 - 10:00</b>	Integrated chitin and ryegrass acid biorefinery	Jonathan Williams, Research Scientist,	<b>9:45</b>	Q&A	

		BBSRC		(iCRAB)	Pennotec			
	<b>High Value Chemicals/Natural Products &amp; Novel Chassis</b>		<b>10:10-10:20</b>	Methane as a sustainable feedstock for production of microbial proteins and fine chemicals	Arild Johannessen, CEO, Bioprotein AS	<b>9:50</b>	Nick Thompson	Fiberight Ltd
			<b>10:30-10:40</b>					
<b>9:35</b>	High Value Chemicals from Plants Network (HVCfP)	Ian Graham, University of York	<b>10:40</b>	<b>Networking break</b>		<b>9:55</b>	Q&A	
<b>9:45</b>	Natural Products Discovery & Bioengineering Network (NPRONET)	Jason Micklefield, University of Manchester		<b>Feedstocks &amp; Biorefining II</b>	<b>Chair: Simon Baty, KTN</b>	<b>10:00</b>	Jonathan Hughes	Pennotec Ltd
<b>9:55</b>	High Value Chemicals from microalgae (PHYCONET)	Saul Purton, University College London	<b>11:00-11:10</b>	Fiberight - A sugar platform biorefinery from MSW	Dhivya Puri, Researcher, Fiberight Ltd	<b>10:05</b>	Q&A	
<b>10:05</b>	Chemicals from C1 Gas (C1NET)	Nigel Minton, University of Nottingham	<b>11:20-11:30</b>	Separation and Extraction of High Value Chemicals from Coproducts of Food and Drink Processing	Narinder Bains, Director, Sere-Tech Innovation Ltd	<b>10:10</b>	Bethan Wolfenden	Bento Bioworks Ltd
	<b>Development &amp; Production of Enzymes &amp; Biologics</b>			<b>Markets &amp; Supply</b>	<b>Chair: Raj Mistry, KTN Ltd</b>	<b>10:15</b>	Q&A	
<b>10:15</b>	Biocatalysis Network (Biocatnet)	Nick Turner, University of Manchester	<b>11:40-12:00</b>	Invited speaker: Early stage company building supply chain for bio-based products	Prakash Korde, MD, ValueForm Ltd	<b>10:20</b>	Marianne Morrison	YOLO for Men Ltd
<b>10:25</b>	Bioprocessing Network (BioProNET)	Mark Smales, University of Kent	<b>12:05-12:15</b>	Seeing the wood for the trees: Defining a growth strategy for Industrial Biotechnology in Scotland	Roger Kilburn, CEO, Industrial Biotechnology Innovation Centre (IBioIC)	<b>10:25</b>	Q&A	
<b>10:35</b>	<b>Networking break</b>		<b>12:20-12:30</b>	Big Data & Industrial Biotech	Adrian Toland, Business Development Manager, STFC	<b>10:30</b>	Brenda Parker	Phytofutures Ltd
	<b>BBSRC Networks in</b>	<b>Chair: Yvonne Armitage,</b>	<b>12:30</b>	<b>Lunch</b>		<b>10:35</b>	Q&A	

	<b>Industrial Bioetchnology &amp; Bioenergy Session 2</b>	<b>KTN</b>						
	<b>Biorefining</b>			<b>Underpinning technologies</b>	<b>Chair: Amy Tayler, KTN Ltd</b>	<b>10:40</b>	<b>Refreshments</b>	
<b>11:05</b>	Lignocellulosic Biorefinery Network (LBNNet)	Simon McQueen-Mason, University of York	<b>13:10 - 13:20</b>	GRASPTM – scalable genome-mining technology for rapid and cost-effective development of biocatalysis enzymes with commercial IB applications	Simon Charnock, Managing Director, Prozomix Ltd	<b>11:00</b>	Jerome Vaughan	Aragreen (UK) Ltd
<b>11:15</b>	Anaerobic Digestion Network (ADNet)	Charles Banks, University of Southampton	<b>13:30 - 13:40</b>	Rational primary sequence space mining for novel biocatalysis discovery, in conjunction with advanced colorimetric screening technology	Gary Black, Personal Chair in Protein Biochemistry, Northumbria University	<b>11:05</b>	Q&A	
<b>11:25</b>	Food Waste Network (FoodWasteNet)	Dimitrios Charalampopoulos, University of Reading	<b>13:50 - 14:00</b>	Integrating combinatorial genetics, fermentation and process development to accelerate bioprocess implementation	David McElroy, Chief Business Officer, Ingenza Ltd	<b>11:10</b>	Basil Omar	CHAIN Biotechnology Ltd
<b>11:35</b>	Plants to Products (P2P)	David Leak, University of Bath	<b>14:20 - 14:40</b>	CHO GS knockout: the first step for the targeted advancement of mammalian host cell lines	Mark Stockdale, Team Leader (Bioproduction) Horizon Discovery Group plc	<b>11:15</b>	Q&A	
	<b>Underpinning Research &amp; Technology</b>		<b>14:50 - 15:00</b>	What can desktop 3D printing do for industrial biotechnology?	Justin Perry, Enterprise Fellow, Northumbria University	<b>11:20</b>	Muhammad Javed	Biotech Consultants Ltd. (BTCL)
<b>11:45</b>	Glycoscience Tools for Biotechnology & Bioenergy (IB Carb)	Sabine Flitsch, University of Manchester				<b>11:25</b>	Q&A	
<b>11:55</b>	Metals in Biology Network	Nigel Robinson, Durham University				<b>11:30</b>	Mark Long	Naturiol Ltd

