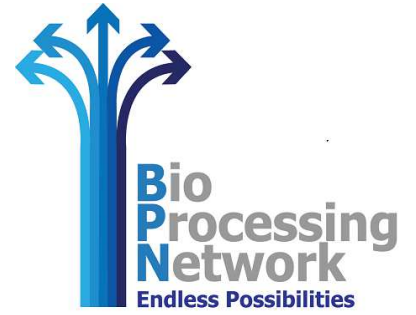


BPN Annual Conference 2015

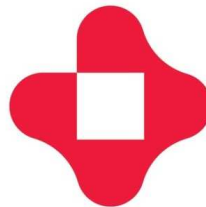


Te Papa, Wellington, New Zealand
21 - 22 September 2015

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Sunday 20 September 2015

1730 - *Welcome Mixer*

1930 *Sponsored by: Tosoh Corporation*

Monday 21 September 2015

Session 1: Upstream

Chair: *Geoff Dumsday*
CSIRO Manufacturing (Victoria, Australia)

Time	Speaker		Title
0930 - 0955	Geoff Bell <i>Microbiogen</i>	1.1	<i>Thinking outside the square: Maximising revenues, yields and returns in next generation bio-refineries</i>
0955 - 1020	Axayacatl Gonzalez <i>The University of Queensland</i>	1.2	<i>Metabolic Engineering of Escherichia coli for Propionic Acid Production using the Wood-Werkman cycle</i>
1020 - 1045	Andreas Kocourek <i>Sartorius Stedim</i>	1.3	<i>PAT based Bioprocess Optimisation for Efficient Process Development and Robust Manufacturing</i>
1045 - 1115	<i>Morning Tea</i>		

Monday 21 September 2015

Session 1: Upstream (continued)

1115 - 1135	Scott Rossanager <i>SAFC Sigma Aldrich</i>	1.4	<i>Advancing Media Optimization Through Statistical Identification and Modulation of Critical Raw Materials</i>
1135 - 1155	Sabine Rauth <i>CSL Limited</i>	1.5	<i>Use of the site-specific genomic integration system Flp-In™ for the rapid generation of stable mammalian cell lines for recombinant protein expression and mammalian surface protein display</i>
1155 - 1215	Serge Ohresser <i>Merck Millipore</i>	1.6	<i>Improvement of Upstream productivity: innovation using amino acids derivatives and new dry powder media format</i>
1215 - 1235	Jason Ryan <i>Callaghan Innovation</i>	1.7	<i>Enzymes for Industry – From clone to bioreactor</i>
1235 - 1330	Lunch and Poster Session Sponsored by: Merck Millipore		

1330 - 1400: Keynote Address

“Invention is not Innovation: The Experiences of Kode Biotech”

Steve Henry

Founder/CEO of Kode Biotech Limited

Professor of Biotech Innovation, School of Engineering, Auckland University of Technology

Chair: Neil Goss (Further Options, Victoria Australia)

Keynote address sponsored by: [Merck Millipore](#)

Session 2: Downstream processing

Chair **Lou Fabri**
CSL Behring (Victoria, Australia)

Time	Speaker		Title
1400 - 1420	Edmond Ang <i>Thermo Fisher Scientific</i>	2.1	<i>Capture chromatography: Alternatives for downstream process development</i>
1420 - 1440	Shenglan Cao <i>ForteBio</i>	2.2	<i>Fast and Flexible Analysis of Fc Receptor Binding Interactions</i>
1440 - 1500	Yoshimi Hashimoto <i>Tosoh Corporation</i>	2.3	<i>Novel functional ion exchanger with sulfate group</i>
1500 - 1530	<i>Afternoon Tea</i>		
1530 - 1550	Karl McCann <i>CSL Behring Australia</i>	2.4	<i>Expanded bed adsorption chromatography: historical and future perspectives</i>
1550 - 1610	Simone Dimartino <i>University of Canterbury</i>	2.5	<i>Effects of Particle Shape and Linear Defects in Porous Media Studied through 3D Printing</i>
1610 - 1630	Martina L Jones <i>The University of Queensland</i>	2.6	<i>Strategies for the isolation of novel antibodies using phage display</i>
1630 - 1650	Chanelle Gavin <i>University of Waikato</i>	2.7	<i>Optimization of 2D and 3D Image Analysis for Void Structures using Open Source Software</i>
1650 - 1700	<i>Assemble for Museum Tour</i>		
1700 - 1830	<i>Museum Tour</i>		
1930 - Late	<i>Conference Dinner</i> <i>Sponsored by: Pall Life Sciences</i>		

Tuesday 22 September 2015

Session 3: Biotech Polymers

Chair: *Florian Graichen*
Scion (Rotorua, New Zealand)

Time	Speaker		Title
0930 - 0955	Arun Ghosh <i>AgResearch Ltd</i>	3.1	<i>Bioplastics from animal protein by-products</i>
0955 - 1020	Ashok K. Srivastava <i>Indian Institute of Technology</i>	3.2	<i>Challenges in commercial production of biodegradable polymers from renewable resources</i>
1020 - 1045	Florian H.M. Graichen <i>Scion</i>	3.3	<i>Biobased High Performance Polymers – Sustainable Solutions for Industry and Consumers</i>
1045 - 1115	<i>Morning Tea</i>		
1115 - 1140	Matthew J. Smith <i>University of Waikato</i>	3.4	<i>Impact modification of Novatein[®] thermoplastic protein using nano-scale core-shell particles</i>
1140 - 1205	Pattanathu K.S.M. Rahman <i>TeeGene Biotech Ltd</i>	3.5	<i>UK-NZ R&D Collaborations in Biosurfactants and Bioemulsifiers</i>
1205 - 1230	Stephanie Weal <i>Biopolymer Network/Scion</i>	3.6	<i>ZealaFoam[®]: A Functional Alternative to Polystyrene Foam</i>
1230 - 1330	<i>Lunch and Poster Session continues</i> <i>Sponsored by: SAFC</i>		

Session 4: Innovative Technologies

Chair: *Andy Herbert*
Bioboy Limited (Nelson, New Zealand)

Time	Speaker		Title
1330 - 1400	Hermanus Joachim Kruger <i>University of Waikato</i>	4.1	<i>Mixing and transport in a 3D printed customisable auger reactor</i>
1400 - 1430	S. Prabakar <i>Leather and Shoe Research Association of New Zealand</i>	4.2	<i>From Hide to Eyes: Functionalized Quantum Dots in Collagen based Hydrogels</i>
1430 - 1500	Tracey Smith <i>Otago Innovation Limited</i>	4.3	<i>Developing a Probiotic for the Prevention and Treatment of Pouchitis.</i>
1500 - 1530	<i>Afternoon Tea</i>		
1530 - 1600	Timothy W.C. Ng <i>The University of Waikato</i>	4.4	<i>Potential Yields of Leaf Protein from Waste Green Plant Materials</i>
1600 - 1630	V. Gurevich <i>CSL Behring (Australia)</i>	4.5	<i>Challenges with commissioning laboratory analytical equipment</i>
1630 - 1640	<i>Presentation of Poster Awards</i> <i>Sponsored by: Sartorius Stedim and BPN</i>		
1640 - 1650	<i>Closing remarks (Neil Goss, BPN President)</i>		
1700	<i>Conference close</i>		