

## Annual Meeting 2024

17-18 September 2024, Guildhall, York YO1 9QN

Tuesday, 17 September	
14:30 - 15:30	<b><u>Arrival and registration</u></b> Guildhall, York Tea and coffee available from 14:30
15:30 - 15:40	<b><u>Welcome</u></b> Ian Graham, HVB Director
15:40 - 16:10	<b><u>Keynote speaker:</u></b> Alex Antonelli, Royal Botanic Gardens Kew: Harnessing the benefits of plants and fungi for a sustainable future
16:10 - 17:00	<b><u>Session 1: Flash talks from HVB members</u></b> Chair: Nicola Patron, University of Cambridge <ol style="list-style-type: none"> <li>I. Benjamin Armijo, University of Edinburgh: One-pot biosynthesis of acetone from waste poly(hydroxybutyrate)</li> <li>II. Nichakorn Fungprasertkul, University of Manchester: Design of experiments driven optimisation of microbial conversion of agri-processing waste to fermentation feedstocks by <i>Aspergillus oryzae</i></li> <li>III. Andrew Collis, GSK: Sparing trees in Chile: GSK's approach to improving supply of QS-21</li> <li>IV. Graham Bonwick, AgriFoodX Limited: Polyphenols - encapsulation and stabilisation of polyphenols extracted from agri-food by-products</li> <li>V. Marco Lizzul, Varicon Aqua: An introduction to Varicon Aqua</li> <li>VI. Malcolm Glendenning, ICMEA: Pyrostar - a rapid process for commercialising Starbon®</li> <li>VII. Simon Moore, Queen Mary University of London: Engineering biosynthetic promiscuity for value-added bisindoles</li> <li>VIII. Tracey Taylor-Preston, York and North Yorkshire Combined Authority: Delivering a regional USP with industrial biotechnology</li> </ol>
17:00 - 19:00	<b><u>Check into the Radisson Hotel</u></b> North Street, York, YO1 6JF
19:00 - 22:00	<b><u>Guildhall, York - Networking drinks and dinner</u></b> 19:00 Drinks and networking 19:30 Please be seated promptly for our speaker, Owen Trotter, Key Capital Partners 20:00 Dinner served Owen was founder and managing Partner of Key Capital Partners - a market leading Private Equity firm. A self-confessed scientific illiterate, Owen will talk about his experiences (good and bad) of technology investing and the lessons this provides for scientists seeking venture capital funding.

<b>Wednesday, 18 September</b>	
<b>08:30 - 09:00</b>	Arrival at the Guildhall, following hotel check-out
<b>09:00 - 10:10</b>	<b><u>Session 2: Future Directions</u></b> Chair: Anne Osbourn, John Innes Centre <ul style="list-style-type: none"> <li>I. John Heap, University of Nottingham: GlycoCell Engineering Biology Mission Hub: transforming glycan biomanufacture for health</li> <li>II. Alexander Darlington, University of Warwick: Design principles for engineering bacteria to maximise chemical production</li> <li>III. Claire Fordyce, Exponent International: High value biorenewables as active ingredients in cosmetic products: pathway to market</li> <li>IV. Katie Illsley-Wilkins, Vertical Future: Vertical farming - a potential platform for high value biorenewables</li> </ul>
<b>10:10 - 10:50</b>	<b>Refreshment and networking break</b>
<b>10:50 - 12:30</b>	<b><u>Session 3: HVB Showcase</u></b> Chair: Adrian Higson, NNFFC <p><b>Proof of Concept award holders:</b></p> <ul style="list-style-type: none"> <li>I. Benjamin Lichman, University of York: Biocatalytic routes to insect repellents from plant derived feedstock</li> <li>II. Eleanor Binner, University of Nottingham: Development of an innovative biomass fractionation process for novel applications from food and agricultural residues</li> <li>III. Ciarán Kelly, Northumbria University: Synthetic metabolic feedback for the efficient bioproduction of 3-hydroxypropionic acid</li> <li>IV. Yujie Mao / Elinor Thompson, University of Greenwich: The potential of agrivoltaics as a means of enhancing bioactives from horticultural crops and their by-products</li> </ul> <p><b>Business Interaction Voucher award holders:</b></p> <ul style="list-style-type: none"> <li>I. Olumayokun Olajide, University of Huddersfield: Extracting added value from the rapeseed oil biomass - development of anti-inflammatory and dermal wound healing skincare products</li> <li>II. Sanjay Nagarajan, University of Bath: Enhancing butanediol fermentation yields via hydrodynamic cavitation pre-treatment of sugar beet pulp (CaviPulp)</li> </ul>
<b>12:30 - 13:45</b>	<b>Lunch and networking</b>
<b>13:45 - 15:15</b>	<b><u>Session 4: Industry Focus</u></b> Chair: Monique Simmonds, Kew <ul style="list-style-type: none"> <li>I. Yvonne Armitage, CPI: Collaboration, co-operation, communication - how to deliver successful outcomes for project partners</li> <li>II. Joe Penhaul Smith, Sustainable Sailing Ltd: Biomanufacturing chemicals using maritime waste feedstocks</li> <li>III. Matthew Hodges, HydRegen: Reshoring paracetamol production</li> <li>IV. Parimala Shivaprasad, Nottingham University: Flower waste: a promising source for terpene-based product formulations</li> <li>V. James Nelson, 2M Group Ltd: Scaling up biopolymer manufacturing: a collaborative endeavour between 2M Group and Xampla</li> <li>VI. Rob Field, University of Manchester: Enzyme- and plant-based routes to fluorinated cellulose</li> </ul>
<b>15:15 - 15:30</b>	<b><u>Closing remarks</u></b> Ian Graham, HVB Director
<b>15:30 - 16:30</b>	<b>Networking with refreshments</b>