

Annual Meeting 2025

9 - 10 June 2025, The Henley Regatta Suite, Radisson Hotel, York YO1 6JF

Monday, 9 June	
10:00 - 11:15	<u>Arrival and registration</u> The Henley Regatta Suite, Radisson Hotel Tea and coffee available
11:15 - 11:45	<u>Welcome and Keynote:</u> Ian Graham, HVB Director - <i>High value biorenewables from plants: pathways to products</i>
11:45 - 12:45	<u>Session 1: Offered flash talks - 4 slides in 4 minutes!</u> Chair: Ian Graham, University of York <ol style="list-style-type: none"> 1. Tigran Yuzbashev, Rothamsted Research - <i>Exploiting CRISPR to assemble DNA in vivo</i> 2. Walid Omara, Sheffield Hallam University - <i>Yeast-driven metal nanoparticle biosynthesis: unlocking sustainable nanomaterials for high-value biorenewables</i> 3. Ali Nawaz, University of Huddersfield - <i>Sustainable recycling of post-consumer textile waste</i> 4. Claudio Angione, Teesside University - <i>Mechanism-aware deep learning for biomedicine</i> 5. Sarah Evans, University of Nottingham - <i>Bacterial breakdown of flower waste: producing a sustainable feedstock for the chemical industry</i> 6. Grant Campbell, University of Huddersfield - <i>Arabinoxylans as high value co-products of biorefineries</i> 7. Matthew Faulkner, University of Manchester - <i>Sustainable technologies for converting carbon dioxide to biorenewables</i> 8. Asma Ahmed, University of Nottingham - <i>Harnessing biofilms from waste streams for sustainable materials and products</i> 9. Dwi Ajas Pramasari, University of Nottingham - <i>Valorisation of sugarcane tops and leaves for hemicellulose-based product</i> 10. Ana Winters, Aberystwyth University - <i>Opportunities to valorise industrial hemp with recovery of potential therapeutic compounds</i>
12:45 - 13:45	<u>Lunch</u> Restaurant
13:45 - 15:00	<u>Session 2: HVB Showcase - Follow On Fund</u> Chair: Anne Osbourn, John Innes Centre <ol style="list-style-type: none"> 1. Giovanna Bermano, Robert Gordon University - <i>Exploring the anti-atherogenic properties of a compound derived from Amaryllidaceae (daffodil)</i> 2. Paul Fraser, Royal Holloway University of London - <i>Improving the sustainability profile of carotenoid products</i> 3. Neil Bruce, University of York - <i>Towards scale up of a new biocatalytic process to generate high value chemicals from lignin</i> 4. Alan Goddard, Aston University - <i>Characterising changes in membrane composition during spinosyn production</i> 5. Stephen Wallace, University of Edinburgh - <i>Microbial hydrogen gas from diverse bacteria for sustainable synthesis</i>

15:00 – 15:30	Session 3: HVB Showcase - Explorer Awards Chair: Paul Fraser, Royal Holloway University of London <ol style="list-style-type: none"> 1. Joanne Sadler, University of Edinburgh - <i>Bio-based plastics as a novel feedstock for the circular bioeconomy</i> 2. Christopher Wallis, Cardiff Metropolitan University - <i>High Value Bryophytes Network</i>
15:30 - 16:15	Refreshment break
16:15 - 17:30	Session 4: Offered flash talks - 4 slides in 4 minutes! Chair: Adrian Higson, Alder BioInsights <ol style="list-style-type: none"> 1. Ariyan Amirifar, University of Manchester - <i>Bioproduction of bioplastics with tailored properties</i> 2. Arianna Schneier, University of Edinburgh - <i>Bioengineering single-cells for plastic adhesion and degradation</i> 3. Evgeniya Yuzbasheva, Both Strands Ltd - <i>Exploring the potential of insects in plastic upcycling</i> 4. Zoe Woods, Change Bio - <i>From discovery to market: startup insights on scaling protein production</i> 5. Alun Hughes, Aberystwyth University - <i>Scale up of fermented food products at IBERS via the UKRI Microbial food hub</i> 6. David Warren-Walker, IBERS-Aberystwyth - <i>Scaling xylitol production from sugarcane waste in a UK-India bioeconomy partnership</i> 7. Joe Gallagher, Aberystwyth University - <i>Miscanthus to xylo- oligosaccharides (XOS) and biocarbon, innovating feed, food and steel industries</i> 8. Janine Bottomley, Consumer Safe Ltd - <i>Navigating the (non-food) consumer product regulatory landscape</i> 9. Chris Mortimer, Mortimer Engineering Services - <i>Mortimer Engineering Services - prototype engineering, the first steps from lab book to hardware</i> 10. Graham Bonwick, AgriFoodX - <i>Sustainable polyphenol-rich by-products for nutritionally enriched food</i> 11. Craig Woods, Forge Genetics - <i>Expanding genetic engineering to non-model microbes for high-value biorenewables</i> 12. Gail Shuttleworth, Alder BioInsights - <i>ToBeReal - advancing the bioeconomy across Europe</i>
17:30 - 18:45	Hotel check in
18:45 - 19:30	Networking reception Regatta Room (non-alcoholic drinks provided; paid bar is available)
19:30 - 22:00	The Henley Regatta Suite, York – Network Dinner 19:30 Please be seated promptly for our speaker: Jen Vanderhoven, Chief Operating Officer, BBIA <i>Carbon: The Red Pill or the Blue Pill?</i> 20:00 Dinner served

Tuesday, 10 June	
08:30 - 09:00	Hotel check-out
09:00 - 09:15	<u>Introduction</u>
09:15- 10:15	<u>Session 5: HVB Enterprise Fellows</u> Chair: Simon Saxby, Chair of HVB Management Board Joyce Bennett, MORF - <i>From fellowship to founder: spinning out a bioinformatics business</i> Harriet Berry, Natcom - <i>Natural Compound Solutions: our journey so far and the road ahead</i> Gareth Little, Pathfinder Bio - <i>Pathfinder Bio: sustainable chemicals at fossil carbon prices</i>
10:15 - 11:00	Refreshment break
11:00 - 12:15	<u>Session 6: Industrial perspectives and engagement</u> Chair: Matt Hodges, HydRegen <ol style="list-style-type: none"> 1. Donal McGee, Algaecytes - <i>Unlocking the potential of microalgal high value bioactives</i> 2. Kevin Stevens, Agroceutical Products - <i>Daffodils as a new source of bioactive compounds for cardiometabolic health</i> 3. Cristina Saladas, Suntory - <i>Making healthier drinks with high value biorenewables</i> 4. Seb Cosgrove, Keele University - <i>Leveraging HVB funding to establish industrial partnerships: an ECR perspective</i> 5. Jeremy Jentys, BioConsulting - <i>Navigating the twilight zone. Experiences of taking bioprocesses from proof of concept to manufacturing</i>
12:15 - 12:30	<u>Closing remarks</u> Ian Graham, HVB Director
12:30 - 14:00	Lunch and networking Henley Regatta Suite