

## Glycoanalysis for Industrial Biotechnology Applications Workshop

Manchester Institute of Biotechnology, University of Manchester

### Day 1 - Thursday 5<sup>th</sup> November 2015

12 -1	Networking lunch & registration
1-1.10	Welcome & Introduction – Stuart Haslam
1.10 -1.30	Introduction to IBCarb – Sabine Flitsch
1.30- 2pm	Barbara Mulloy (Imperial College London) – <i>Recent challenges for the analysis of an old biological medicine: the complex polysaccharide heparin</i>
2 – 2.30pm	Rebecca Miller (University of Oxford) - <i>Exploiting IM-MS for studying HS glycans: analysis of sequence and protein interactions</i>
2.30 – 3.00pm	Tea break
3.00 – 4.15pm	Speed dating
4.45 – 5.15	Richard Robinson (Waters) - <i>Re-imagining released N Glycan analysis</i>
5.15-5.30pm	Summary & close day 1
5.30-6.30pm	<i>Check in to accommodation</i>
6.30pm	<i>Meet outside hotel to walk to dinner</i>
7pm	<i>Networking Dinner with discussion</i>

### Day 2 - Friday 6<sup>th</sup> November 2015

9.00-9.10	Introduction to Day 2
9.10 -9.40	Paul Dupree (Cambridge) – <i>Tools to understand and manipulate the structure of plant cell wall polysaccharides</i>
9.40 -10.30	IBCarb Business Interaction project talks Dr Matthew Gibson (The University of Warwick) – <i>Development and validation selective colorimetric probe for selective discrimination of industrially relevant monosaccharide and disaccharide substrates</i> – in collaboration with Ingenza Ltd Dr Dani Ungar (University of York) – <i>Exploring the generation of single glycoprotein glycoforms</i> – in collaboration with Dextra UK Ltd Professor Andrew Laws (University of Huddersfield) - <i>Isolation and Characterisation of Industrially Relevant Microbial-polysaccharides</i> – in collaboration with Croda
10.30 – 11	Tea break
11- 11.30	Perdita Barran (Manchester) - <i>Similar or biosimilar: A batch-to-batch comparison of the therapeutic monoclonal antibody Herceptin; an ion-mobility and mass spectrometric insight into biosimilarity and the influence of glycosylation</i>
11.30 -12.30	Group discussion to capture points from Dinner
12.30 -	Networking lunch & depart