

## Friday 17<sup>th</sup> May

14.15

**Tea**

15.00

**Sabine Flitsch**  
(Manchester)

*Introduction*

*Chair: Sabine Flitsch*

15.05-15.35

**Anthony Davis**  
(Bristol)

A biomimetic receptor for glucose

15.35-16.05

**Bruno Linclau**  
(Southampton)

Exploring physical properties of carbohydrate derivatives:  
lipophilicities of fluorinated monosaccharides

16.15-16.35

1-slide presentations from poster presenters

16.45

**Tea**

*Chair: TBA*

17.15-17.45

**Perdita Barran**  
(Manchester)

Measuring mAbs with Mass Spectrometry - the effects of  
Glycosylation

18.00-18.30

**Gavin Miller**  
(Keele)

Alginate: from cystic fibrosis to seaweed

19.00

**Dinner**

20.30-21.00

**Nichola Pohl**  
(Indiana)

Toward Digital Native Chemistry: The Case of Carbohydrates  
and Peptides

21.00-21.30

**Peter Seeberger**  
(Max Planck)

Automated Glycan Assembly as Basis for Molecular  
Glycobiology, Vaccine Development and Material Science

## Saturday 18<sup>th</sup> May

7.45

**Breakfast**

*Chair: TBA*

8.50-9.20

**Rob Young**  
(GSK)

Identifying and demystifying therapeutic opportunities in  
glycoscience

9.20-9.50

**Roberto Adamo**  
(GSK)

Glycoconjugate Vaccines: Approaches for Preparation and  
Recent Trends.

9.50-10.20	<b>Jerry Turnbull</b> (Liverpool)	Next Generation Heparins: Targetting Proteoglycan functions for Therapeutic Benefit
<b>10.30</b>		<b>Coffee</b>  <i>Chair: TBA</i>
11.00-11.30	<b>Liz Fullam</b> (Warwick)	Exploring sugar uptake and metabolism in <i>Mycobacterium tuberculosis</i>
11.30-12.00	<b>Rob Field</b> (JIC)	Glycoscience in microalgae
12.00-12.30	<b>Carmen Galan</b> (Bristol)	Novel synthetic probes as diagnostic tools and therapeutics
<b>12.30</b>	<b>Symposium photo followed by lunch</b>	
15.15-15.45	<b>Douglas Dyer</b> (Manchester)	Chemokines and Glycosaminoglycans collaboratively regulate leukocyte recruitment
<b>15:45</b>		<b>Tea</b>  <i>Chair: TBA</i>
16.45-17.15	<b>Isabelle Compagnon</b> (Lyon)	Title TBA
17.15-17.45	<b>Kevin Pagel</b> (Berlin)	Sugars in the Gas Phase – From Structure to Reaction Mechanisms
17.45-18.15	<b>Goeran Widmalm</b> (Stockholm)	Structure and interactions of glycans
18:15-18:30	<b>Ben Schumann</b> (Imperial)	Glycosyltransferase Bump-hole Engineering to Dissect Mucin-type O-glycosylation in the Living Cell
<b>18.45</b>		<b>Reception</b>
<b>19.15</b>		<b>Dinner</b>
<b>21.00</b>		<b>View posters</b>

## Sunday 19<sup>th</sup> May

<b>7.45</b>		<b>Breakfast</b>
9.00-9.40	<b>Barbara Imperiali</b> (MIT)	Protein Glycosylation in Bacterial Pathogens - Pathways and Processes

9.40-9.55	<b>Louis Luk</b> (Cardiff)	Designing an Irreversible Peptide Ligation without Backbone Modification
9.55-10.10	<b>Peter Both</b> (Manchester)	Applications of a highly $\alpha$ 2,6-selective pseudosialidase
10.10-10.25	<b>Claire Mahon</b> (York)	Multivalent glycopolymeric receptors for lectins
<b>10.30</b>		<b>Coffee</b>
11.00-11.15	<b>Hitendra Patel</b> (Sardar Patel University)	Green synthesis of Diverse Heterocyclic Scaffolds via One-pot Reactions: their Biological and Medicinal Importance
11.15-11.30	<b>Yuan Guo</b> (Leeds)	Dissecting Multivalent Lectin-Carbohydrate Interactions Using Polyvalent Multifunctional Glycan-Quantum Dot
		<i>Chair: Sabine Flitsch</i>
11.30-12.00	<b>Bruce Turnbull</b> (Leeds)	Re-engineering bacterial toxin lectins for synthetic glycobiology
<b>12.00</b>		<b>Closing remarks</b>
<b>12.30</b>		<b>Lunch and departure</b>