



Organic Division: Carbohydrate Group Newsletter, November 2011

Chairman: Prof Rob Field,
Department of Biological Chemistry
John Innes Centre
Norwich Research Park
Norwich NR4 7UH, UK
Tel: +44 (0)1603 450720
E-mail: rob.field@bbsrc.ac.uk

Secretary: Dr Bruce Turnbull
School of Chemistry
University of Leeds
Leeds LS2 9JT, UK
Tel: +44 (0)113 343 7438
Email: w.b.turnbull@leeds.ac.uk

Web Sites: <http://www.rsc.org/Membership/Networking/InterestGroups/Carbohydrate/index.asp>

Recent Conferences

Two successful conferences were held in London and Liverpool during September 2011. Prof Steve Harding organized a one day discussion meeting on "Stability and Degradation of Complex Carbohydrate Structures: Mechanisms and Measurement" on 5 September in conjunction with the Biotechnology Group at Burlington House in London. Prof Jerry Turnbull hosted the annual Autumn meeting at the University of Liverpool on 15-16 September. The meeting entitled "Carbohydrates: Key Interactors at the Chemistry-Biology Interface" featured the 2011 Dextra Carbohydrate Award lectures that were delivered by Daan van Aalten and Stuart Haslam. Congratulations to Daan and Stuart and thanks to Steve, Jerry and their teams for arranging these meetings. Meeting reports can be found on the MyRSC webpage (see below).

Haworth Memorial Prize Lectureship

Nominations for the 2012 Haworth Prize are open until January 15 2012. This prestigious prize was founded in 1969 in commemoration of Sir Norman Haworth and is awarded in alternate years in recognition of sustained, internationally recognized contributions to carbohydrate chemistry. The lecture will be delivered at a Carbohydrate Group meeting during 2012. A list of past winners is available on the RSC website:

<http://www.rsc.org/ScienceAndTechnology/Awards/Haworth/index.asp>.

In order to make a nomination for this award you will need to supply:

- Your name and contact details
- The candidate's name and contact details
- A supporting statement of **no longer than one A4 side** of 11 pt text
- A **one page** CV for the candidate which should include their date of birth, website URL, summary of education and career, a list of five relevant publications and total numbers of publications and patents. A template CV is available on the RSC website:
http://www.rsc.org/images/template_curriculum_vitae_tcm18-206520.pdf
- Information should be sent to the Bruce Turnbull (see above for email address)

Free Interest Group Membership!

RSC membership renewal letters are currently being sent out and we would be grateful if members of the Carbohydrate Group would encourage their colleagues and students to join the group. The RSC now allows each member **to join three interest groups for free!** Make the Carbohydrate Interest Group one of yours!!

My.RSC.org

The RSC is encouraging all interest groups to use the my.rsc.org website to publicise group activities and communicate with our members. The Carbohydrate Group has a web page at <http://my.rsc.org/groups/home/106> but you will need to register for MyRSC in order to access the

site. Once you have logged on to MyRSC, click the groups tab and then scroll down until you find the Carbohydrate group. Click "Join Group" and after that you will find a link from your home page. As accessing the MyRSC website is not entirely straightforward we do not plan to use it as the principal line of communication with members of the group; instead we will continue to contact you by email and regular newsletters. However, we have started to upload meeting reports and other news items to the MyRSC pages which you might find useful. Why not use the discussion board to tell us what you would like to see on the MyRSC webpage?

Next RSC Carbohydrate Group Committee Meeting

The next (probably virtual) committee meeting will be held in February 2012. If you have items that you would like to bring to the attention of the committee, please contact either Rob Field or Bruce Turnbull.

WBT 20/11/2011

Future Conferences and Training Courses

Carbohydrate analysis and glycomics: where next?

Biochemical Society Workshop, co-sponsored by the Royal Society of Chemistry Chemical Biology Interface Division

Wednesday 21st March 2012, Charles Darwin House, London

Organisers: Prof Rob Field, Prof Jane Thomas-Oates, Dr Stuart Haslam

This joint meeting is free of charge for RSC and Biochemical Society members (£70 for non-members), but places are limited: **application deadline 18 January 2012.**

Topics

- Carbohydrates from animals, plants and microorganisms
- Glycoproteins, glycolipids and polysaccharides
- Chromatography, mass spectrometry, NMR spectroscopy, molecular modelling

See the website for more details:

<http://www.biochemistry.org/Conferences/AllConferences/tabid/379/Page/1/MeetingNo/WS005/view/Conference/Default.aspx>

Summer Course Glycosciences (12th edition)

3-7 June 2012, Hotel New Hampshire, Groningen, The Netherlands

Coordinator: Chantal Doeswijk (Chantal.doeswijk@wur.nl)

This graduate-level training course is aimed at scientists working in research and industry that want to refresh their knowledge within the broad field of carbohydrates and for graduate students working on a PhD related to carbohydrate chemistry, biochemistry, biology, chemical technology or food science. All participants will be encouraged to introduce themselves and their work by presenting a poster during the course.

Details of the previous edition of this course (May 2010) are still available online and details for the 2012 course will appear in the next few weeks:

<http://www.vlaggraduateschool.nl/glycosciences/index.htm>

<http://www.vlaggraduateschool.nl/eduvlco.html>

Plant and Seaweed Polysaccharide Symposium 2012 (PSP 2012)

17-20 July 2012, Cité de Congrès, Nantes, France

Organiser: Alain Buleon (alain.buleon@nantes.inra.fr)

PSP 2012 will be a satellite meeting of International Carbohydrate Symposium 2012. PSP 2012 will explore recent advances and future trends in understanding the relationship between structure and properties or uses of plant and seaweed polysaccharides.

- Structure of polysaccharides and their assemblies
- Polysaccharides and new enzymatic pathways:
- Biorefinery and green chemistry
- Innovative polysaccharide-based materials
- Polysaccharides and healthy food

Call for papers: March 2012

Registration: May 2012

For further information, please also visit https://colloque.inra.fr/psp_2012

26th International Carbohydrate Symposium (ICS 2012)

22-27 July 2012, Meliá Castilla, Madrid, Spain

Symposium Chair: Prof. Dr. J. Jiménez-Barbero

ICS 2012 will cover all major fields of glycosciences, including:

- Synthesis: Methods and Applications
- Glycobiology
- Analytical Methods
- Diseases and Therapeutics, Glycomedicine
- Structural Glycobiology
- Glycomics and glycoinformatics
- Materials and Biotechnology

Abstract deadline: 11 April 2012

Early-bird Registration: 2 May 2012

For further information: <http://www.ics2012madrid.com/index.html>