



Member Networks Annual Report Form

Reporting events held in 2018 and those planned for 2019

In line with the rules for member networks and to enable us to better support our networks and their activities all member networks (Local Sections, Interest Groups and Analytical Division Regions) are asked to complete this form and return it to networks@rsc.org or by post to; Networks Team, Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, CB4 0WF.

Deadlines

Deadline for receipt of Financial Accounts by RSC Finance Team: **8th February 2019**

Deadline for receipt of Annual Report by Networks Team: **25th February 2019**

If there is any reason that your committee will **not** be able to meet either or both of these deadlines please inform networks@rsc.org as soon as possible.

This report will be uploaded to your web page to share with the members of your network. Staff will also share a digest of all member networks activities taken solely from these annual reports with appropriate staff and governance boards and committees including Division Councils with similar interests.

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| Committee | Carbohydrate Interest Group |
| Completed by | Prof. M. Carmen Galan |
| Date | 21/02/18 |

Please list below the dates of all of your planned committee meetings and, if held, AGM.

Annual General Meeting (if being held)

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| Date: | Not being held. All communication with members is electronic, or by mail where requested. |
| Venue: | |

Proposed Committee Meetings Dates

| Date | Venue |
|------------------|-----------------------|
| 4-5th April 2019 | University of Reading |



2017 Events

Please append electronic copies of any meeting reports, newsletters or relevant materials to this report.

Please report below on activities undertaken in the past year. If you have more detailed information about any particularly successful events, or advice to share please use a separate sheet. For more events continue as necessary.

EVENT KEY:

- Education Event (including outreach activities for school students or the general public)
- Public Lecture
- Retired Members Event
- Scientific Conference - 1 day
- Scientific Conference - multi day
- Social Event
- Training/workshop
- Award Lecture
- Other

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| Event Name | RSC Carbohydrate Group Early Career Researcher Meeting |
| Event Type (key) | Scientific Conference - Multiday |
| Comments | <p>Venue: Keele University Dates: 12-13th April 2018</p> <p>In keeping with the CarbGroup's philosophy, Dr. Gavin Miller organised an Early Career Researcher hosted in Keele Hall, a 19th-century mansion house at Keele, now standing within the campus of the University</p> <p>The event was attended by 50+ ECRs from the UK, Ireland and Denmark and was opened by Professor Jonathan Wastling, Dean of the Faculty of Natural Sciences. The program featured a series of short research presentations from PhD researchers, PDRAs and recently appointed academics/fellows. This was supported by invited plenary lectures from five established UK academic and industrial experts who also discussed their individual career pathways alongside their research achievements, illustrating the opportunities available to aspiring young researchers.</p> <p>Dr Ben Wagstaff, JIC Ben Graham, Warwick Connor Crawford, University College Dublin Dr. John Agirre, University of York Dr. Sarah-Jane Richards, Warwick University Dr Orla McCabe, University College Dublin Rebecca Winsbury, JIC Professor Bruno Linclau, University of Southampton Dr. Emma Sery, University of Reading Imlirenla Pongener, University College Dublin Ian Young, Quadram Institute Bioscience Dr. Cecilia Romano, Technical University of Denmark Dr. Tracey Gloster, University of St Andrews Dr. Charlie Fehl, Oxford University Dr Yuhsuan Tsai, Cardiff University Dr. Timothy Miller Professor Carmen Galan, University of Bristol</p> |

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| | Buchanan Memorial Award for the best ECR presentation was presented to Dr Ben Wagstaff |
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| Event Name | RSC EUcheMS Carbohydrates – tools for synthesis and analysis |
| Event Type | Scientific session within EuCheMS conference – 1 day |
| Comments | <p>Venue: Liverpool</p> <p>Dates: 28th August Organised by: Professor M.Carmen Galan, University of Bristol and Professor Sabine Flitsch, University of Manchester</p> <p>Carbohydrates are the most abundant biomolecules on earth but their chemistry is highly challenging and both synthesis and analysis are still difficult. This one-day symposium will review recent breakthroughs and challenges for the future, including recent industrial applications. The meeting featured early/mid/establish career talks.</p> <p>Jesus Angulo – University of East Anglia Mads Clausen – Technical University of Denmark Jeroen Codee – Leiden Institute of Chemistry Isabelle Compagn - Institut Lumière Matière - Université Lyon 1/CNRS Cristina de Castro – University di Napoli Ana Arda – CICbioGUNE Sakonwan (Sue) Kuhaudomlarp – John Innes Center Gavin Miller – Keele University Jenny Samphire – University of Bristol Peter Both – University of Manchester Alexander Titz - Helmholtz-Institut für Pharmazeutische Forschung Saarland</p> |

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| Event Name | Synthetic Glycobiology Meeting |
| Event Type | Scientific Conference - Multiday |

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| Comments | <p>Venue: Liverpool</p> <p>Dates: 8th-9th October</p> <p>Organised by: Professor Bruce Turnbull, University of Leeds; Dr Anne Imberty, CNRS France and Professor Ola Blixt, University of Copenhagen, Denmark</p> <p>This meeting will bring together chemists, biologists and physicists to define the emerging field of synthetic glycobiology.</p> <p>https://royalsociety.org/science-events-and-lectures/2018/10/synthetic-glycobiology/</p> <p>Professor Jun Hirabayashi, National Institute of Advanced Industrial Science and Technology, Japan Dr Isabelle André, Laboratoire d'Ingénierie des Systèmes Biologiques et des Procédés, France Dr Birgit Wiltschi, Austrian Centre of Industrial Biotechnology, Austria Professor Winfried Römer, University of Freiburg, Germany Professor Christina Schäffer, Universität für Bodenkultur Wien, Austria Professor Jochen Zimmer, University of Virginia School of Medicine, USA Dr Tom Wennekes, Utrecht University, The Netherlands Dr Ralf Richter, University of Leeds, UK Professor Ola Blixt, University of Copenhagen, Denmark Dr Frederic Bard, IMCB, A*Star, Singapore Professor Kamil Godula, University of California, San Diego, USA Professor Jennifer Kohler, University of Texas Southwestern Medical Center, USA Dr Miriam Dwek, University of Westminster, UK Dr Jan Tkac, Slovak Academy of Sciences, Slovakia Professor Bazbek Davletov, University of Sheffield, UK Professor Rita Gerardy-Schahn, Hannover Medical School, Germany</p> |
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| Event Name | IBCarb Glycobiotechnology 2018 |
| Event Type | Scientific Conference - Multiday |
| Comments | <p>Dates: 3-4 September 2018 Venue: Manchester, UK</p> <p>Keynote lectures: <i>Nathalie Juge</i> <i>Rommel Chacón</i> <i>José Luis Montiel</i> <i>Matt Gibson</i> <i>Hugo Cortes Martínez</i> <i>Carmen Galan</i> <i>Katarzyna Wrobel</i> <i>Jerry Turnbull</i> <i>Pauline Rudd</i> <i>Constantino López Macias</i> <i>Sabine L. Flitsch</i></p> |



Awards and Bursaries

Please list any awards or bursaries presented by your committee in the past 12 months and indicate any which will be open for nomination/application in the next calendar year.

Please ensure that all members of your network are notified of any awards or bursaries for general application.

2018

Prof. Gideon Davies Galan has been awarded the **2018 Haworth Memorial Lecture**, in recognition of his structural and chemical investigations of the biological roles of carbohydrates, dissection of enzyme reaction coordinates and the application of ligands for cellular insight.

2019

The **Royal Society of Chemistry Carbohydrate Chemistry Award** sponsored by **Dextra Labs** will be awarded in 2019

Other information/comments:

n/a



Future Activities

When planning any activities please remember to ensure that all events are logged on our events database and ensure that all contracts are sent to our Legal Team with enough time for amendments and, where necessary, approval by the Board.

Please outline any activities already in planning for the next calendar year.

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| Event Name | RSC Carbohydrate Group |
| Comments | Haworth Medal Presentation and Young Researchers Meeting Date: 4th & 5th April 2019 (noon until noon) Venue: University of Reading https://warwick.ac.uk/fac/sci/chemistry/research/gibson/gibsongroup/rsc_carb_19/ |

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| Event Name | Frontiers in Glycoscience' ESBOC meeting |
| Comments | 17-19 May 2019 – Gregynog, Wales The 53 rd ESBOC Symposium will take place at Gregynog (nr. Newtown, Wales) on 17th-19th May 2019 , starting at 3.00 pm on Friday 17 th May. The Chair is Prof. Sabine Flitsch (University of Manchester). Confirmed plenary speakers include: Barbara Imperiali (MIT) Nicola Pohl (Indiana University, Bloomington) Göran Widmalm (Stockholm University) Roberto Adamo (GSK Siena) Anthony Davis (University of Bristol) Rob Field (John Innes Centre) Bruno Linclau (University of Southampton) Gavin Miller (Keele University) Jerry Turnbull (University of Liverpool) Carmen Galan (University of Bristol) Kevin Pagel (Freie Universität Berlin) Isabelle Compagnon (Université Claude Bernard Lyon 1) Perdita Barran (University of Manchester) Douglas Dyer (University of Manchester) Elizabeth Fulham (University of Warwick) Derek Macmillan (UCL) |

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| Event Name | Eurocarb XX |
| Comments | 30 Jun – 04 Jul 2019 – Leiden, The Netherlands The symposium aims to bring together all those working in the glycosciences, bridging chemistry and biology and reaching out to biotechnology and the material sciences. The symposium will cover the latest developments in all important areas of glycoscience the program will be centered around the following global themes: 1. Chemical Glycobiology |

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| | <ol style="list-style-type: none"> 2. Carbohydrates in biotechnology and medicine 3. Glycan synthesis 4. Glycomics <p>The program will feature award, plenary and invited lectures, as well as oral communications and poster and flash presentations.</p> |
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| Event Name | 25th International Symposium on Glycoconjugates |
| Comments | <p>Venue: Liverpool</p> <p>25-31 August 2019 – Milan, Italy</p> <p>http://www.glyco25.org</p> |

Committee

This information will be used to update our membership database and your web page. Please ensure that any changes to the committee are sent to networks@rsc.org as soon as possible.

| Position | Name | Dates on committee (20xx – 20xx) |
|-----------------|--|---|
| Chair | Prof. Matthew Gibson University of Warwick (polymer chemistry) | 2017-present |



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| Secretary | Prof. Carmen Galan University of Bristol (synthesis and chemical biology) | 2016- present |
| Treasurer | Dr Tracey Gloster (structural biology) | 2017- present |
| Ordinary Members | Dr Charlie Bavington (biotech industry) Dr Martin Fascione (chemical biology) Dr Gordon Morris (polysaccharides) Dr Martina Lahmann (synthesis) Dr Gavin Miller (synthesis) Dr Eoin Scanlan (Synthesis) Prof. Jerry Turnbull (Chemical Biology) Prof. Bruce Turnbull (chemical biology) | 2013 -present 2016 -present 2016 -present 2016 -present 2016 - present 2013 - present 2015 - present 2018 - present |
| Co-opted members and their affiliation | Dr Stuart Haslam (mass spectrometry) 2016-18 | 2016 - present |

Diversity & Inclusion

Our trustees are aiming to embed diversity and inclusion in all of our activities and networks. Our [online network handbook](#) contains more information to support our networks in achieving this.

Please comment on how your group is showing that it has embraced Diversity and Inclusion within its practices.

We try to ensure that all our symposium are well balance in terms of gender/diversity and career stage to ensure all members of the community benefit equally. Committee membership renewal is currently being reviewed and changes will be made to ensure a representative and diverse committee representing the diversity of the carbohydrate community.