



## Who Are We?

C1net is a BBSRC NIBB dedicated to the development and scalable production of C1 gas fermentation for the whole IB community. C1net provides a cross-sector forum with the goals to foster and enhance collaboration between industry and academia; develop skills and expertise; share best practice; define common research priorities; and target funding opportunities in C1 gas fermentation. The management board is currently 12 strong, with Professor Nigel Minton (University of Nottingham) as PI and Professor Davis Fell (Oxford Brookes) as Col.



## Progress

Membership currently stands at 465 with 446 followers on Twitter. In May we launched our new website, which you hope you will find easier to use and more informative. All 16 POC awards of £50,000 have now been made, however we still have some BIVs but you will need to act fast!!!

### BIV Awards June 2018

Congratulations and a £10K BIV voucher go to:

Mike Allen (Plymouth Marine Lab) & Paul Dobson (Scruffy Biotech Ltd)

...

Ying Zhang (Nottingham), Andrew Goddard (Freeland Scientific Ltd) & Neil Nolan (Ballast Phoenix Ltd)

...

Thomas Smith (Sheffield Hallam), Andrew Goddard (Freeland Scientific Ltd) & Neil Nolan (Ballast Phoenix Ltd)

...

Jagroop Pandhal (University of Sheffield) & Paul Dobson (Scruffy Biotech Ltd)



### DEADLINE EXTENDED

**FINAL BIV CALL CLOSES 31 JULY 2018**

APPLY HERE - <http://www.c1net.co.uk/Funding.html>

BBSRC NIBB Business Interaction Vouchers (£10K) will be used to encourage and support collaboration between academic partners and industrial partners within the C1net framework. They will be awarded to undertake a defined piece of work by the academic partner for the industrial partner.



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# News and Events

July 2018

Issue 17

## CALENDER (C1net Other)

10 July 2018

HVCfP Technicians Conference, Derby.  
Research and technology updates, careers & networking.

[Read more](#)

11 July 2018

“Circular Economy Now” a “special edition” conference to highlight the opportunities and technologies available today to accelerate the circular economy in the UK in a post –Brexit world, Royal Society, London

[Read more](#)

11-12 July 2018

UK AD and World Biogas Expo 2018, NEC, Birmingham

[Read more](#)

16-19 July 2018

BIO World Congress on Industrial Biotechnology, Philadelphia, Pennsylvania, USA

[Read More](#)

18 – 19 July 2018

‘Beyond the lab: developing your Industrial Biotechnology Career’, a FREE event for C1net and other participating NIBB members, University of York – Derwent College. Hendrix Hall

[Read more](#)

20-23 September 2018

New Scientist Live, ExCeL Centre, London

[Read more](#)

10-11 October 2018

2018 VISION Core Course, ICL, London  
“Capturing the Synergies between Bioscience, Technology and Business Practice”

[Read More](#)

19-20 November 2018

Synthetic Biology UK 2018, Bristol  
A Joint Biochemical Society and BrisSynBio Scientific Meeting

[Read More](#)

21-23 January 2019

C1net Final Conference, East Midlands Conference Centre, Nottingham

[Read more](#)



## China-UK Workshop Beijing, 3-5 June 2018

Blazing summer in Beijing proved the perfect melting pot for the best in the West and Eastern experts to mull over “*Carbon recycling: converting waste derived GHG into chemicals, fuels and animal feed*”. The workshop, held at the Institute of Microbiology Chinese Academy of Sciences (IMCAS), Beijing, was organised by SBRC-Nottingham and IMCAS and was jointly funded by C1net, ADnet and SBRC-Nottingham thanks to BBSRC grants.

The workshop enabled 21 delegates from industry and academia in the UK, France, USA and New Zealand to meet with their counterparts from all over China; 48 delegates overall, to cover all aspects of C1 utilisation. Industrial presentations from LanzaTech, Johnson Matthey and CPI were interspersed with cutting-edge science from academic experts: Nigel Minton (Nottingham), Richard Dinsdale (S. Wales), Claudio Avignone-Rossa (Surrey), Ying Zhang (Nottingham), Philippe Soucaille (INSA-France), Kati Kovacs (Nottingham), Yue Zhang (Southampton), James Chong (York), Mark Walker (Waikato, NZ) and Tim Patterson (S. Wales). Postdocs and PhD students from Nottingham (James Millard, Craig Woods, Robert Mansfield, Yanming Wang, Rupert Norman), gained valuable presenting experience with their excellent talks.

**“The Carbon Recycling Workshop in Beijing was a really excellent event and provided a great opportunity for networking. As well as connecting with new contacts in the UK, I made some useful connections with Chinese researchers”.**

James Chong – University of York



## RCUK Global Challenges Research Fund Hub India, 20-24 March 2018

March 20-24 2018 saw C1net PI Nigel Minton in India to work on a full proposal for an RCUK Global Challenges Research Fund (GCRF) Hub. The topic is Industrial Biotechnology for Sustainable Development, and the consortium was awarded an RCUK GCRF travel grant for a trip to meet with partners and stakeholders in India to work on developing the bid.

The award enabled the team to meet a wide range of organisations including large and small companies in the waste management, biotech and chemicals sectors, and also social enterprises, NGOs and government funded agencies. Notable names included: Tata Chemicals, Praj Industries, Godavari Biorefineries, String Bio, Waste Ventures and Noval Ltd; NGOs Saahas and Toxic Link; the Biotechnology Industry Research Assistance Council and the National Solid Waste Association of India who all gave excellent advice.

As well as Professor Minton from SBRC-Nottingham, the UK visitors included Prof Banks and Dr Heaven from BORRG, Dr Joseph Gallagher and Dr David Bryant from Aberystwyth University's Biomass Conversion and Biorefining group, Prof Patricia Thornley from the Tyndall Centre at the University of Manchester, and Dr Pathik Pathak who directs Southampton's Social Impact Lab. The host team included Prof Arvind Lali and Dr Annamama Odaneth from ICT Mumbai, Dr S Venkata Mohan from CSIR-IICT Hyderabad and Dr Shams Yazdani from ICGEB Delhi.

The visit was amazingly effective, allowing the team to meet and gather information, views and ideas from other stakeholder that will significantly strengthen the proposal. One particularly good feature was the round table sessions run by Pathik Pathak and Patricia Thornley at the end of the week.

Special thanks to Uma Patil of the UK Foreign and Commonwealth Office, the Science and Innovation Adviser at the British Deputy High Commission in Mumbai, who worked miracles to make it a really profitable trip.

Links:

GCRF Hubs call

<https://www.ukri.org/research/global-challenges-research-fund/>

UK FCO Science and Innovation Network

<https://www.gov.uk/world/organisations/uk-science-and-innovation-network>

ICT Mumbai [www.ictmumbai.edu.in/EMPBiodata.aspx](http://www.ictmumbai.edu.in/EMPBiodata.aspx)

CSIR IICT Hyderabad [www.iictindia.org](http://www.iictindia.org)

ICGEB Delhi [www.icgeb.org/home-nd.html](http://www.icgeb.org/home-nd.html)



## “Circular Economy Now” Royal Society, London, 11 July 2018

A “Special Edition” conference to highlight the opportunities and technologies available today to accelerate the circular economy in the UK in a post –Brexit world. From across the supply chain, key players will be invited to speak in panels on the key themes of Resources, Technology/Conversions and Markets with UK Government representatives on each panel. The conference will be held in London and will have 3 keynote speakers. Panel sessions will be moderated by BBC science journalist, Tom Heap.

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## WE WANT YOUR NEWS

Please send us about your events and send us your news stories for publication in this newsletter and at the C1net website

To UNSUBSCRIBE at any time, please email this link with the subject title “UNSUBSCRIBE”



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