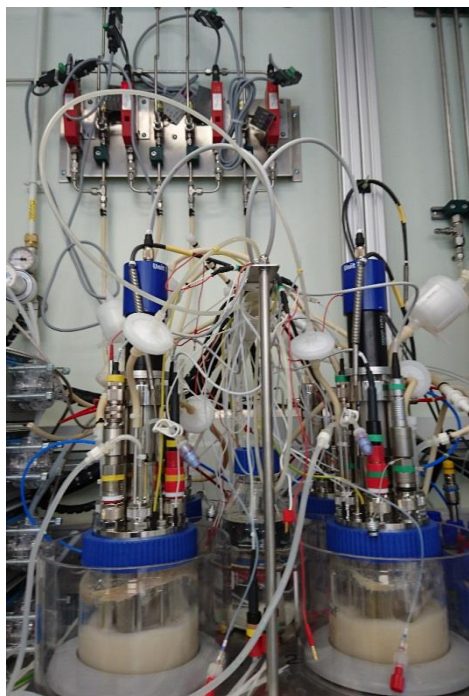




Who Are We?

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 509 with 475 followers on Twitter. All 16 POC awards of £50,000 have now been made, and a total of 18 BIVs have been awarded.

BIV Awards July – September 2018

Congratulations and a £10K BIV voucher go to:-

Tuck Seng Wong (University of Sheffield) & Jasbir Singh (HEL Ltd)
“High-pressure fermentation of *Cupriavidus necator* H16, using either CO₂ as sole carbon source or a mixed carbon source”.

...

Steve Wilkinson (University of Chester) & David Morris (Autichem Ltd)
“Methane upgrading by novel continuous extraction”

...

Rodrigo Ledesma-Amaro (Imperial College London)
& Ben Reeve (CustoMem)
“Establishing synthetic microbial consortia to produce biomaterials from C1 substrates”

...

Charles Banks (University of Southampton)
& Michael Chesshire (Lutra Ltd)
“Establishing synthetic microbial consortia to produce biomaterials from C1 substrates”

...

Alex Conradie (University of Nottingham) & Bob Tooze (Drochaid Research Services)
“Towards alkene and alkane production, blending C1 industrial biotechnology and chemo-catalysis”



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CALENDER (C1net Other)

Women in Innovation: Building Success – Various dates and venues

Part of Innovate UK's second Women in Innovation programme. Mon, 5 Nov, Cardiff | Wed, 28 Nov, Glasgow | Wed, 6 Feb, London | Tue, 5 Mar, Belfast. [Read more](#)

3 October 2018

Women in Innovation Awards competition closes
A total of 8 awards will be offered: a £50k grant and a bespoke package of mentoring, coaching and business support. [Read more](#)

3 October 2018

Innovation funding opportunity "APC 11: advancing the UK's low carbon automotive capability", £20 million of collaborative match funding. [Read more](#)

10-11 October 2018

2018 VISION Core Course, ICL, London
"Capturing the Synergies between Bioscience, Technology and Business Practice"
[Read More](#)

11 October 2018

UKRI funding opportunity "GCRF Global Engagement Networks", up to £150,000 per network over 2 years.
[Read More](#)

8 - 9 November 2018

EMR2018 - IV Energy and Materials Research Conference, Torremolinos-Malaga (Spain)
[Read More](#)

5 - 16 November 2018

"I'm a scientist get me out of here" - an online event where school students have the chance to interact with scientists.
[Read More](#)

19-20 November 2018

Synthetic Biology UK 2018, Bristol
A Joint Biochemical Society and BrisSynBio Scientific Meeting
[Read More](#)

20-23 January 2019

C1net Final Conference, East Midlands Conference Centre, Nottingham
[Read more](#)



Circular Economy Now Royal Society London, 11 July 2018

On another searing summer's day, which served to highlight global warming fears, 73 experts assembled at the Royal Society, London to debate the future of the 'green' or 'circular' economy in a post-Brexit UK.

Moderated by BBC journalist, Tom Heap, key players from academia, industry and government presented and discussed their visions for the opportunities and new technologies that will accelerate the regenerative economy that is needed to replace the 'make, use and dispose' manufacturing systems of the past. Talks and panel sessions addressed the themes of Resources, Innovation and UK markets. Notable contributors and speakers included Freya Burton (LanzaTech), Peter Lacy (Accenture), Rachel Solomon Williams (Department for Transport), Gerald Naber, (Ellen MacArthur Foundation), Leigh Hudson (British Airways), Jonathan Hoare (BEIS and Yvonne Armitage, KTN).

Assembled by C1net, the network of companies, academics and policy makers focused on utilizing single carbon, waste gases carbon dioxide (CO₂), carbon monoxide and methane to make everyday fuels and chemicals. The conference showcased real opportunities that can support the Industrial Strategy and can be deployed to create revenues and jobs as part of a circular economy in post-Brexit Britain and globally.

Director of C1net, Professor Nigel Minton, said:

"Our conference is a timely and important opportunity for key leaders in industry, research and government to discuss and distill into a strategy, the opportunities for rolling out the ground-breaking zero-waste, carbon-neutral and environment cleansing technologies being developed. These new systems could make a workable, profitable circular economy a reality in the future with the right level of support from all sectors."



Beyond the lab: developing your Industrial Biotechnology Career York University Exhibition York, 18-19 July 2018

by François Seys, C1net member and PhD student at the University of Nottingham.

With a few dozen PhD students and post-docs coming from all over the UK, I participated in the Industrial Biotech Skill conference organised in York by Cogent Skills on behalf of the BBSRC-NiBBs. It consisted of a two-day workshop dedicated to soft skills sought after in industry. The speakers came from companies of various shapes and sizes: large multinational (Croda, Biocatalysts), SME (CHAIN biotech), start-up (Oxford Biotrans), stakeholders (BBSRC, IChemE), quality control (Fujifilm), and many others. I could not attend the workshop on scientific publishing (Taylor & Francis) and patent attorneys (Marks & Clerk), but I am looking forward to reviewing the podcasts.

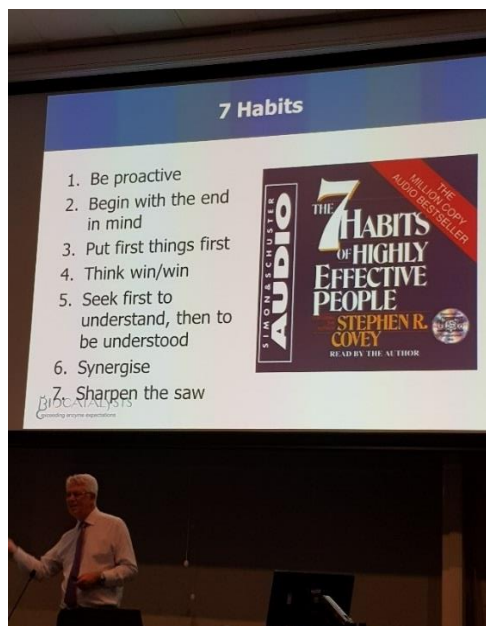
In addition to highlighting various career paths outside academia, the conference was obviously designed as a networking event. There were plenty of opportunities to sit down with speakers and participants alike, and the Centre for Process Innovation (CPI) sponsored a delicious dinner with an overabundance of excellent wine. After dinner, many participant also got a taste of York's finest pubs – but that was technically not part of the conference. Finally, there was even a whole workshop dedicated to networking, animated by the best speaker of the conference:- Mrs. Alexandra Spencer from the Royal Society of Biology!

In summary, I really enjoyed myself in York, I met some great people, and I confronted some of my preconception about transitioning from academia to industry. All of that in two days: time well spent!

“It has made me think more about my own preferences and hopefully made me more aware of which opportunities would best suit my personality”.

“It opened my eyes on many career paths that I didn't pay much attention to before. It made me think more, and get to know people who I usually won't at academic conferences”.

“Made some contacts, learned a few tricks, got familiar with industrial language and expectations”.



C1net Conference 4 East Midlands Conference Centre, Nottingham, 20-23 January 2019

This FREE, three-day conference will bring together academia and industry to identify and address key challenges in the study of those organisms able to grow on C1 compounds and commercially exploit them as platforms for chemical manufacture. The programme will include talks from invited speakers from academia and industry, as well as from selected submitted abstracts.

ABSTRACT DEADLINE 12 NOVEMBER 2018

Confirmed Invited Speakers so far:

Rolf Thauer (Max Planck Institute, Germany), Volker Müller (Goethe-University, Frankfurt), Terry Papoutsakis (University of Delaware), Arren Bar-Even (Max Planck Institute, Germany), Bryan Tracy (White Dog Labs Inc. USA), Sean Simpson (LanzaTech, USA), Lori Giver (Calysta), Byung-Kwan Cho (Korea Advanced Institute of Science and Technology), Wolfgang Buckel (Max Planck Institute, Germany)

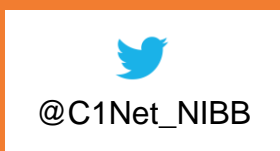
FOR MORE DETAILS OR TO APPLY

visit <https://c1net.co.uk/event/fourth-annual-conference-nottingham/>
or email jacqueline.minton@nottingham.ac.uk



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Nominations have now opened for the 2020 Biochemical Society Awards - the field's most prestigious awards that recognize established researchers as well as scientists in the early stages of their career. Nominations are welcomed from across the UK and overseas until 6pm (GMT) on Thursday 31 January 2019 ([add to your calendar](#)).

Now in their 58th year, the Society will present 12 awards in 2020, recognizing excellence and achievement in both specific and general fields of science.

This year's results will be announced in April 2019. All of our award prize and medal lectureships carry prize money and all award winners will be invited to submit an article to a Society-owned publication.

Further information is available [online](#).