



Biotechnology and
Biological Sciences
Research Council



Engineering and
Physical Sciences
Research Council



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EBNet Newsletter - August 2022

New

[4th annual EBNet Early Career Researcher Conference 2022 \(ECR22\)](#)

12-14 September 2022, Nottingham

Deadline* for [REGISTRATION](#): **15 August 2022 (am)**

Deadline for [ABSTRACTS](#): **18 August 2022**

Welcome back to live events! Are you a PhD student, post-doc, recent lecturer or young professional? Join us in September for this free and friendly ECR-only conference. Expand your personal network, improve your understanding of the latest research and showcase your own work with a poster or presentation. We cover *all* aspects of EB and provide a generous travel bursary, 2-nights free accommodation and a conference dinner! Connect with your peers this autumn. And don't forget to spread the news wider for us with this handy [Flyer!](#) **Late registrations will be added to a waiting list and places are not guaranteed!*



Now Open

EBNet funding opportunities for academia and industry are highlighted below.

[EBNet Placement Call](#) - Always open

These are worth up to £1,500 for UK-based placements and £3,000 for overseas placements.

[ECR Conference Travel Bursary](#) - Always open

Looking to present your work at a major conference and lack funding? We have support worth up to £1,500.

Are you getting the latest information from us?

More and more people are turning to the EBNet linkedin group for speedy access to events, reports, jobs, PhD/Postdoc positions and anything else of interest. Be pro-active and join us on [LinkedIn](#) and [Twitter](#).

Spotlight On...

Do you have any good news to share with other members? Email us details if you want a shout-out in the next newsletter.



SAVE THE DATE!

Are you academic and industry members who want to work together - but need some support? The EBNet open BIV Call will be back this September! Unlock up to £20K per BIV to support academic research to solve an industry problem (matched industry funding required). Be ready and check out the particulars in advance [here](#). The Call will be open from 12 September to 27 October.

The UK research landscape is changing with a new funding body - the [Advanced Research and Invention Agency \(ARIA\)](#). Keep an eye out for future Calls in high-risk, high reward areas.

Interested in reaching Net Zero? Seek out the new KTN Report: "[Unlocking the UK's biomass resources as a feedstock for Chemical Manufacturing](#)". How about engineering? Read "[Tomorrow's Engineering Research Challenges](#)".



Forthcoming Events

Find selected upcoming events below.

For more, go to: [Events Roundup](#).

[E3B Metals in Biology/BioProNET2 : Bioprocessing Entrepreneurial Skills Training \(BEST\)](#)

4-9 September 2022, Durham University

[CE|IN: Transforming industrial waste gases \(CO & CO2\) into value added chemicals: Community Workshops - Action Plan Refinement & Challenge ideation](#)

6 September 2022

[Bioeconomy Cluster Builder: Innovations in Metal Biorecovery](#)

8 September 2022

[UKWIR 3rd Annual Conference: Transforming the Sector Through Research & Innovation](#)

4 October 2022, Hilton London Tower Bridge

[SfAM: Environmental Microbiology Lecture 2022: Kristala L Jones Prather](#)

6 October 2022

[CiWM: Festival of Circular Economy](#)

28 November-1 December 2022

[The European Congress on Biotechnology](#)

30 June-3 July 2024, Maastricht, The Netherlands

Funding

Funding opportunities for academia and industry are highlighted below.

For more, go to: [Funding Roundup](#).



[E3B Metals in Biology: Business Interaction Voucher](#)

Open

[Algae-UK: 6th BIV Call](#)

26 August 2022

[Analysis for Innovators \(A4I\) Round 8](#)

31 August 2022

[FY2023 JSPS and The Royal Society Joint Call for Bilateral Research Projects](#)

6 September 2022 (Japan) & 28 September 2022 (UK)

[BBSRC Business and Academia Prosperity Partnership](#)

8 September 2022

[Research for a plastics circular economy: outline proposals](#)

15 September 2022

[Work with US researchers: BBSRC-NSF/BIO lead agency 2022](#)

21 September 2022

[The Life Sciences Research Foundation: 3 year postdoctoral funding](#)

1 October 2022

[Quantum sensing for environmental sciences](#)

4 October 2022

[NBIC: Call for 2023 NBIC Collaborative Training Partnerships Project Proposals](#)

7 October 2022

[Women in innovation awards](#)

19 October 2022

[Leverhulme: Study Abroad Studentships](#)

9 January 2023

[Resources 2023 Travel Award](#)

31 January 2023



Jobs, Training, Awards & PhDs

Did you know we have funds available to help members access placements in industry or academia?

Jobs (also see [FindAPostDoc](#) & [Jobs.ac.uk](#))

[Postdoc in Anaerobic Biotechnology](#) - Technical University of Denmark - 20 August 2022

[Postdoc: Valorisation of Digestate using Hydrodynamic Cavitation](#) - University of Limerick, 29 August 2022

[Postdoctoral Research Associate](#) - The University of Edinburgh, 31 August 2022

[Postdoctoral Research Fellow in Environmental Microbiology](#) - University of Stirling, 26 September 2022

[Microbiology Assistant, Associate, or Full Professor Basic Science Program](#) - UMHS, St Kitts and Nevis, 5 October 2022

Training

[WBA: Temperature Variation and Biological Health Training](#) - 13 September 2022

[CIWEM: Environmental Economics](#) - from 20 September 2022

[AquaEnviro: Activated Sludge: operate, optimise & design to achieve phosphorus, nitrogen & carbon removal](#) - 8/9 November 2022, The Studio, Leeds

Awards and Competitions

[WH Pierce prize](#) - 31 August 2022

[NBIC: Biofilm Create! Art and Photography Competition](#) - 14 October 2022

PhDs (see [FindaPhD](#))

[CRC RACE for 2030: Technologies to improve process performance and methane yields during high-solids anaerobic digestion of sugar mill wastes](#) - Griffith University, 15 August 2022

[Valorisation of Drinking Water Treatment Works Sludge](#) - Swansea University, 15 August 2022

[Developing innovative microbial reactors to reduce the environmental impact of water and wastewater treatment](#) - Cranfield University, 7 September 2022

Publications

[Review: Priorities to inform research on marine plastic pollution in Southeast Asia](#)

By: C. M. Omejera et al. In: Science of The Total Environment. Volume 841, 1 October 2022, 156704

[Sustainable environmental remediation via biomimetic multifunctional lignocellulosic nano-framework](#)

By: Li Jinghao *et al.* In: Nature Communications volume 13, Article number: 4368 (2022)

[Accelerated Degradation of Microplastics at the Liquid Interface of Ice Crystals in Frozen Aqueous Solutions](#)

By: Chen Tian *et al.* In: Angew. Chem.Int. Ed.2022,61,e202206947

Still here?

The digital revolution is not slowing down. First "[Eugene Goostman](#)", a chatbot, passed the Turing Test. Then it was reported that a [Google AI](#) may have become "sentient" - at least that was the claim of a Google Engineer (although widely disputed). And [Boston Dynamics](#) are a YouTube favourite with their dancing "dogs". But surely art is safe?... Or not. Take a look at the latest images from [DALL-E 2](#) - an open source AI trained to generate images. What's next?

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