



Biotechnology and
Biological Sciences
Research Council



Engineering and
Physical Sciences
Research Council



(Photo by Chokniti Khongchum from Pixabay)

EBNet Newsletter - December 2021

New

Catch up with the latest happenings in the "**Environmental Sensors and Wastewater Surveillance**" Working Group [here](#) as their popular webinar series continues. Register now for:

["Fishing for Viruses in Sewage. A tool for understanding the molecular epidemiology of tiny human pathogens"](#) - 16 Dec 21 - by Dr Javier Martin, NIBSC.

Looking ahead to 2022

The EBNet **Webinar series** is coming... After last years' fascinating look at topics ranging from organohalides to FOG, our next annual EBNet webinar series will feature expert sessions from across the spectrum of EB. Register now for:

["Biological and Technological Solutions to Microplastic Pollution"](#) - 20 Jan 22 - led by Dr Alice Horton, NOC.

The EBNet **Early Career Researcher conference** will return... This friendly, welcoming forum is where our ECR members share their progress amongst peers. The Steering Committee welcomes new ECRs to join - email us to be added to the list for light duties next year. ECR 2022 will be back next summer.



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 - ask for details.

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.



The EBNet Executive Group would like to highlight an initiative on academic research integrity. The [DORA](#) "San Francisco Declaration on Research Assessment" was started in 2021 and describes a few recommendations for best practice - essentially trying to separate "popularity" from "worth" - when it comes to impact. If you would like to join us and indicate your own support it can be done, individually, [here](#).



Forthcoming Events

Find selected upcoming events below.

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

[ADBA National Conference](#)

14 December 2021, One Great George St, London

[The 6th International Conference on Energy and Environmental Science \(ICEES 2022\)](#)

7-9 January 2022, Kuala Lumpur, Malaysia

[E3B Metals in Biology: Nuclear Magnetic Resonance Facility \(Warwick University\)](#)

12 January 2022

[Biochemical Society: Computational Enzymology: Structure, Function and Evolution of Enzymes](#)

3 February 2022

[E3B: An Introduction to Innovate UK/UKRI Funding](#)

15 February 2022

[World Biogas Expo](#)

2-3 March 2022, NEC Birmingham

[SfAM: Early Career Scientist Research Symposium 2022](#)

30 March 2022, Cardiff

[AquaEnviro: Get one up on WINEP](#)

26 April 2022, Leeds. (Abstracts by 10 January 2022)

[Microbiology Society: Cell-Cell Communication in Bacteria: Fundamental and Applied Aspects](#)

28-30 June 2022, Cambridge

Funding

Funding opportunities for academia and industry are highlighted below.

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



[The Carbon Recycling Network: BIV Vouchers](#)

Open now

[EPSRC synthetic biology postdoctoral fellowship](#)

Open now

[UKRI: Standard Research Grant – EPSRC & BBSRC](#)

Open

[EPSRC: Business and academia prosperity partnership: fifth round](#)

11 January 2022

[E3BNet: 8th BIV Call](#)

19 January 2022

[Algae-UK: Developing the \(UK\) roadmap for industrial applications of algae for food and novel food ingredients](#)

21 January 2022

[EPSRC: High-risk speculative engineering and ICT research: New Horizons](#)

25 January 2022

[ERC 2022 Call deadlines](#)

Starting Grant – 13 January 2022; Consolidator Grant – 17 March 2022; Advanced Grant – 28 April 2022

[Royal Geography Society: Environment and Sustainability Research Grants](#)

22 February 2022

[RSC: The Alan Tetlow Memorial Bursary](#)

31 March 2022

[SfAM: New Lecturer Research Grant](#)

30 April 2022



Jobs, Training, Awards & PhDs

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

Training

[EMBL/SymbNET: From metagenomics to metabolic interactions](#)

31 January-4 February 2022

Awards and Competitions

[RAEng: The MacRobert Award](#) - 31 January 2022

[The FEMS-Jensen Award](#) - 1 March 2022

[The FEMS-Lwoff Award](#) - 10 March 2022

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

Assistant Professor - University of Cambridge (Department of Chemical Engineering and Biotechnology) - 4 January 2022

Senior Lecturer / Lecturer in Microbiology - University of Bedfordshire (School of Life Sciences) - 6 January 2022

PhDs (see [FindaPhD](#))

Life at the limits – algal physiology under extreme conditions - University of Edinburgh, 6 January 2022

Environmental solutions for water bioremediation and waste management - University of Birmingham, 9 January 2022

Engineering Biological Systems - University of Warwick, 30 January 2022

Publications

[Effect of pot-a-le enrichment on the treatment efficiency of primary settled wastewater by the microalga *Chlorella vulgaris*](#)

Evans, L., Mohsenpour, S.F., Hennige, S., Willoughby, N., Adeloje, A., Gutierrez, T.
Journal of Cleaner Production. Volume 327, 10 December 2021, 129436

[Enhancing Microbial Pollutant Degradation by Integrating Eco-Evolutionary Principles with Environmental Biotechnology.](#)

Borchert, E., Hammerschmidt, K., Hentschel, U., Deines, P.

Trends in Microbiology. Oct2021, Vol. 29 Issue 10, p908-918. 11p.

Still here?

The last UK Parliament to successfully turn Christmas into a day of fasting was in the 1640's. However, with the UK committed to introducing [food waste collections](#) by 2023 (aligning with the devolved nations), are the times of excess over? This [infographic](#) by the Commercial Waste magazine has a few facts and figures on the impact on waste in general. One obvious source is Xmas trees. According to the [Soil Association](#) artificial trees – largely imported - would need to be reused 10 times to negate their carbon footprint. Alas, 4 is the average. Whereas a real tree can be sourced close to home and disposed of via your local authority as “chippings”.

[What do you call choosing your own Christmas tree? Christmas chopping]

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