



(Photo by Catherine Sheila from Pexels)

EBNet Newsletter - January 2022

New

[EBNet Webinar: Biological and Technological Solutions to Microplastic Pollution](#)

Thursday, 20th January 2022 at 12:00 – 14.00

Keep current with the latest developments from 4 top speakers and participate in the online chat to engage with questions. This fascinating session is brought to you by Dr Alice Horton, National Oceanography Centre, Southampton, leader of the UK Microplastics Network, part of UK CPN. Register [here](#) now.

EBNet member enquiry

Are you looking to hone your skills in Life Cycle Analysis with an industrial placement? A member has got in touch from the Canadian company [PlantForm Corporation](#) looking to host the right person to cooperate on an LCA later in the year. Interested? [Contact us](#) to be connected. And find how to access our £3,000 International Placement scheme below.

Special Issue now open

[MDPI Fermentation](#) – “[Anaerobic Fermentation – A Biological Route Towards Achieving Net Neutrality](#)” is now open for submissions. If anyone needs a discount on open access publication, please contact the editor, fellow EBNet member – [Dr Sanjay Nagarajan](#) – to see what he can do! The submission deadline for the special issue is **30 June 2022**.



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.



[QUENCH](#) is a network linking the Quality of Urban Environments with Nature Connectedness and Health. If you are interested in urban ecosystems, nature connectedness, human health, and/ or health and social inequalities join now to benefit from their proof of concept and networking opportunities. Deadline: 17 January 2022.

And have you joined the [International Compost Alliance](#) yet? Launched last month you can find out more [here](#).



Forthcoming Events

Find selected upcoming events below.

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

[An introduction to EMBL-EBI resources](#)

19 January 2022

[RSC: Natural and artificial metalloenzymes: Faraday Discussion](#)

31 January-3 February 2022

[KTN briefing webinar: Industrial Energy Transformation Fund Phase 2 Spring 2022](#)

1 February 2022

[KTN: Metamaterials for Industrial Applications Conference 2022](#)

2 February 2022

[E3BNet: Innovate UK support for E3B in a post Brexit and COVID world](#)

15 February 2022

[World Biogas EXPO](#)

2-3 March 2022, NEC Birmingham

[SCI/BioVale: Hemp Happening!](#)

6 April 2022, STEM Centre, York. (Abstracts by 4 March 2022)

[1st UK-local biocuration conference](#)

5-6 May 2022

[EMBL in the UK 2022: Translating Discovery into Impact](#)

30 May 2022, University of Dundee

[17th IWA World Congress on Anaerobic Digestion](#)

19-22 June 2022, The University of Michigan, USA

[18th International Symposium on Microbial Ecology](#)

14-19 August 2022, Lausanne, Switzerland

[IWA World Water Congress & Exhibition - Water for smart liveable cities](#)

11-15 September 2022, Copenhagen, Denmark. (Call for content extended until: 17 January 2022)

Funding

Funding opportunities for academia and industry are highlighted below.

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



[CO2 Removal Hub \(CO2RE Hub\): Pathfinders Call 1](#)

18 January 2022

[The Royal Commission for the Exhibition of 1851: Science and Engineering Research Fellowships](#)

19 January 2022

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

25 January 2022 (*Intent to submit deadline: 7 December 2021*)

[InnovateUK: Made Smarter Innovation: Sustainable Smart Factory](#)

26 January 2022

[The Leverhulme Trust: Early Career Fellowships](#)

24 February 2022

[RAE: Industrial Fellowships](#)

28 February 2022

[IBioC: Spin Out Support Programme](#)

3 March 2022

[NERC large grant to tackle big environmental science questions](#)

8 March 2022

[NERC: Enhance the policy impact of land use research](#)

14 March 2022

[Addressing environmental challenges: NERC highlight topics 2022](#)

23 March 2022 (*Intent to submit deadline: 16 February 2022*)

[MRC Pre-announcement: Environmental sustainability in life sciences and medical practice](#)

28 June 2022 (*Outline applications deadline: 1 March 2022*)

[Water4All pre-announcement](#)

March 2022 (*Submission Deadline of pre-proposals*)



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](#))

Head of Engineering and Head of Science (with experience in anaerobic digestion, wastewater treatment or biological electrochemical systems) - [WASE](#), 16 January 2022

Senior Scientific Officer - University of Portsmouth, 2 February 2022

2-Year Postdoctoral Science Research Fellowship to the US - The Lindemann Fellowship Administrative Trust, 7 February 2022

UKRI National Interdisciplinary Circular Economy Hub Postdoctoral Research fellow - University of Exeter, 22 February 2022

Training

[Federation of European Microbiological Societies \(FEMS\) Research and Training Grants](#) - 1 July 2022

[EMBL-EBI Training courses – various](#)

Awards and Competitions

[The UK Junior Water Prize](#) - 4 February 2022

[RAE: The Colin Campbell Mitchell Award](#) - 4 February 2022

[RAE: The Princess Royal Silver Medal](#) - 4 February 2022

[PhDs \(see FindaPhD\)](#)

Integrating digital modelling technology to advance biowaste valorisation process design - The University of Manchester, 21 January 2022

BIO-ESPRESSO: Bio-Electrochemical System for Product REcovery from Spent Substrate cOFFee waste - University of Reading, 27 January 2022

Biotechnological and Environmental Solutions for the Energy Transition - University of Exeter, 28 January 2022

[Tracking the fate of plastic biodegradation in ocean systems under environmentally relevant conditions](#) - Heriot-Watt University, 14 February 2022 (Enquiries to: [Dr Tony Gutierrez](#).)

Publications

[Review: Nanobioremediation: A sustainable approach for the removal of toxic pollutants from the environment](#)

Pankaj Bhatta *et al.*

Journal of Hazardous Materials, Volume 21. 128033

[Review: Membrane bioreactors for the production of value-added products: Recent developments, challenges and perspectives](#)

Burcu Akkoyunlu *et al.*

Bioresource Technology, Volume 341, December 2021, 125793

Still here?

The British Library is the national library of the United Kingdom. As a legal deposit library, it receives copies of all books produced in the United Kingdom and Ireland, including a significant proportion of overseas titles distributed in the UK. [Ethos](#) is the British Library online collection where you can keyword search over 500,000 doctoral theses – instantly accessing the very latest research including...

- Banat, I., 2021. 'Microbial Biotechnology for the benefit of environmental, food, biofuel,

biomedical and pharmaceutical sustainable applications' Ulster University, D.Sc. Ulster University

- More, P J., 2021. 'Microbiology of salt marshes in the UK : insights into life in gradient-rich

environments' PhD. Edge Hill University

- Hervey, J. R. D., 2020. 'Bioremediation of waste by the bacterium *Rhodopseudomonas palustris*'

PhD. University of Cambridge

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