



Lights, Camera, Action! The EBNet Video Training for ECRs workshop in Birmingham, 17 May 2024

EBNet Newsletter - June 2024

New

[CIWEM: Water and Environment Journal - Call for Papers -Environmental Biotechnology](#)

Submission deadline: 31 January 2025

The guest editors are Dr Tao Lyu, Cranfield University and Dr Anjali Jayakumar, Newcastle University; heads of our PFAs and ECR [Working Groups](#) respectively. This special issue is open for participants of the EBNet ECR conference AND also the whole EBNet community.

Get involved to promote research that impacts EB. Take a look [HERE](#).

[New - the EBNet Report on Gas Fermentation](#)

At the recent joint EBNet/Carbon Recycling Network Gas Fermentation Workshop, we gathered top experts from across the world to discuss priorities for gas fermentation research. The report is now available. Read the findings [HERE](#).

Save the Date!

24/25 October 2024 - details tbc

Coming soon – the [Early Career Researcher Working Group](#) Autumn event. The ECR WG aim to provide our ECR membership with an unparalleled opportunities to network, gain valuable careers skills and develop their professional connections via facilitated workshop activities. More soon.



Now Open

EBNet funding opportunities for academia and industry are highlighted below.

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

Looking to present your work at a major conference and lack funding? Given the increased cost of international flights we have raised our support to **£2,000** for full oral presentations to our listed conferences in 2023/24. Or up to **£3,000** for placements. Send in your application or enquire early to see if we can help.

[EBNet: Share With A Peer \(SWAP\) Travel Bursary](#)

Always open. Available to Early Career Researchers

Proud of the work going on in your lab? Fancy a visit to another lab tackling similar topics?

We have just the thing for you, We can offer **up to £250*** towards accommodation, meals, and travel per person - just make a short video clip &/or pictures suitable for our website. [Flyer](#).

[EBNet Animation Opportunity](#)

As part of EBNet's Engineering/Biology theme we intend to commission some short animations that illustrate interactions between the system microbiology and its engineering envelope in Environmental Biotechnology. If you have an idea for an animation and are willing to produce a short script, please get in touch now. Email ebnet@ebnet.ac.uk by **19 July 2024** with the basic idea outline. We will choose 5-8 ideas, then ask for your script and take it through to production on your behalf. See [HERE](#).

[Mini symposium on microfluidics for single cell sensing and sequencing](#)

23 July 2024, Cranfield University

Join members from the [Environmental Sensors and Wastewater Surveillance Working Group](#) for this event on microfluidics which has emerged as a transformative technology which bridges the gap between traditional laboratory techniques and cutting-edge biological research. Contact [Professor Zhugen Yang](#) for details. More [HERE](#)

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 Association for Renewable Energy and Clean Technology \(REA\) Awards](#)

The REA has announced the winners of the 19th British Renewable Energy Awards. Congratulations to Rohit Murali, University of Surrey - winner of the *Future Game Changer Award* and to Future Biogas - winner of the *Sustainability Award*. A big night for biogas in general.

[The Environmental Biotechnology Innovation Centre website is now live](#)

This BBSRC-funded hub brings together scientists to advance the abilities of micro-organisms to monitor the environment and remove pollutants. Benefiting from £13 million of funding from the Technology Missions Fund, EBIC will become a major source of information, events and funding. Led by EBNet Co-Investigator Prof. Fred Coulon of Cranfield University, this centre will continue to progress the science and application of EB for many more years to come. Find the website [HERE](#).

[Are you getting the latest information from us?](#)

More people are turning to EBNet for speedy access to events, reports, jobs, PhD/Postdoc positions etc. Join us on [LinkedIn](#) and [Twitter](#).



Forthcoming Events

Find selected upcoming events below.

Find more at: [KTN events](#)

New webinar series: [AI for Net Zero](#) - every Tuesday at 14:00

[Cell Symposia: A circular economy for the chemical sector](#) - 22-24 July 2024, Cardiff

[CIWEM: Water Quality panel discussion](#) - 6 August 2024, London

[CIWEM: Fathom - Exploring the impact of compound events](#) - 20 August 2024

[REA: Green Gas Day](#) - 5 September 2024, Solihull

[Environmental Services & Solutions Expo](#) - 11-12 September 2024, Birmingham

[British Science Festival](#) - 11-15 September, University of East London

[HVB: Annual meeting](#) - 17/18 September, Guildhall, York

[The Microbiology Society: Engaging with the media](#) - 24 October 2024

[International Conference on the Impacts of Soil Amendments on Dryland Agro-Ecosystems \(ISADAE 2024\)](#) - 28-31 October 2024, Reims, France

[CIWM: The Festival of Circular Economy](#) - 15-16 November 2024

[AMI: MMEG: Molecular Microbial Ecology Group conference](#) - 6-17 December 2024, NOC, Southampton (abstracts by 1 November)

[The Microbiology Society annual conference 2025](#) - 31 March - 3 April 2025, Liverpool

[FEMS2025: 11th Congress of European Microbiologists](#) - 13-16 July 2025, Milan, Italy

Funding

Funding opportunities for academia and industry are highlighted below.

Find more at: [UKRI funding](#)



[Santander Universities Research Awards 2024](#) - 11 July 2024

[Innovate UK: New innovators in agri-tech and food technology, mid and north](#)

[Wales](#) - 17 July 2024

[Innovate UK: 1962: Accelerated knowledge transfer three](#) - 31 July 2024

[Innovate UK: UK-Singapore Collaborative R&D 2024](#) - 28 August 2024

[Innovate UK innovation loans future economy](#) - 28 August 2024

[Ofwat: Water Breakthrough Challenge 5](#) - launches in September 2024

[EPSRC: International centre to centre research collaborations: Outlines](#) - 12 September 2024

[EPSRC: Core Equipment Award](#) - 19 September 2024

[Knowledge transfer partnerships](#) - 25 September 2024

[BBSRC Network Grant: responsive mode 2024](#) - 25 September 2024

[EPSRC: Engineering Healthier Environments: Micro Network and Micro Network](#)

[Plus](#) - 2 October 2024

[Innovate UK: Eureka collaborative R&D: UK-Israel](#) - 30 October 2024

[EPSRC/NERC: Sustainable Industrial Futures](#) - 11 December 2024

[NERC urgency funding](#) - 27 March 2025



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](#))

[Research Associate in Engineering Biology and Fermentation Process](#)

[Development](#) - 11 July 2024, The University of Manchester

[Prize Fellow](#) - 28 July 2024, University of Bath

[Research Associate in Waste-to-Microbial Protein Research](#) - 14 July 2024, King's College London

Training

[Aqua Enviro:](#)

[Wastewater Treatment](#) - 26 November 2024

[Optimising Activated Sludge Plants](#) - 28 November 2024

[Optimising Anaerobic Digesters: Sewage Sludge](#) - 10 December 2024

[CIWEM:](#)

[Anaerobic Digestion](#) - 12 August 2024

[Sludge Treatment and Management](#) - 12 August 2024

[Municipal Waste Water Treatment](#) - 12 August 2024

Awards and Competitions

[AMI: Applied Microbiology Product of the Year Award](#) - Nominations close: 26 July 2024

[RSC: Researcher Development and Travel Grants](#) - 29 July 2024/14 October 2024

[RAEng: Ingenious public engagement grants](#) - mid-September

[AquaEnviro: European Biosolids & Bioresources](#)

[Conference & Exhibition - Student and Early Career Professionals' Poster Award](#) - 19-20 November 2024, Manchester

PhDs (see [FindaPhD](#))

[Engineering Bacteria for Biopolymer Production](#) - 14 July 2024, Newcastle University

[Sensing wastewater for real-time public health](#) - 24 July 2024, Cranfield University

[Biotechnological exploitation of gut microorganisms and lignocellulosic substrates](#) - 24 July 2024, Harper Adams University

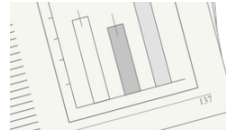
[AI-Optimised Fermentation for Sustainable Protein Production from Food Side](#)

[Streams](#) - 31 July 2024, University of Leeds

[Advanced Methods for Assessing the Permanence of Biochar](#) - 30 September 2024, University of Nottingham

Publications

Have you seen or published anything recently that you would like us to highlight? Send your suggestions in!



[Microbial Stratification and DOM Removal in Drinking Water Biofilters: Implications for Enhanced Performance](#)

By: Xiang Shi et al. In: Water Research. Available online 5 July 2024, 122053

[Bottlenecks in biobased approaches to plastic degradation](#)

By: Amelia R. Bergeson et al. In: Nature Communications volume 15, Article number: 4715 (2024)

[Extracting metal ions from basic oxygen steelmaking dust by using bio-hydrometallurgy](#)

By: Ipek Tezyapar Kara et al. In: Heliyon. 2024 Jun 4;10(11):e32437

[Mechanisms of anammox granular sludge reactor effluent as biostimulant: Shaping microenvironment for anammox metabolism](#)

By: Mengjiao Gao et al. In: Bioresource Technology. Available online 12 June 2024, 130962

[Viral metagenome reveals microbial hosts and the associated antibiotic resistome on microplastics](#)

By: Ruilong Li et al. In: Nature Water volume 2, pages 553–565 (2024)

[A novel and recyclable silica gel-modified biochar to remove cadmium from wastewater: Model application and mechanism exploration](#)

By: Xirui Kang et al. In: Ecotoxicology and Environmental Safety. Volume 281, August 2024, 116608

Book: [Soil Remediation Science and Technology](#). By: Jose Julio Ortega-Calvo & Frederic Coulon (Ed.) Springer

Still here?

[The 2024 National Environmental Services Survey](#)

This survey gathered data from over 1,498 professionals across the environmental services industry from April – May this year. Highlighted findings include: 94% of respondents believe that greenwashing is prevalent; 80% of respondents have concerns about the credibility and transparency of carbon offsetting schemes; under 10% of respondents felt Government policies were fully supportive in achieving net zero goals; 58% of respondents feel there is/will be a green skills gap and 49% of respondents involved in recruitment have experienced difficulties in recruiting candidates from diverse backgrounds. Access the results of the NES survey [HERE](#).

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