



Biotechnology and
Biological Sciences
Research Council



Engineering and
Physical Sciences
Research Council



(Photo "Scientists in Laboratory" courtesy of Polina Tankilevitch at Pexels.com)

Do you follow the [Ig-Noble Prizes](#)? These alternatives to the (some might consider more prestigious) Noble prizes reward scientific contributions that first make you *laugh* and then make you *think*.

EBNet Newsletter - September 2020

News

NEW! EBNet Webinar series

In a change of plans, our next annual Research Colloquium is to be replaced with a series of free lunchtime webinars. We hope the enhanced accessibility will help accelerate the flow of communication within our EB community on relevant topics starting with...

Aerobic Granules in Wastewater Treatment – Combining Novel Molecular Techniques and Technologies for Environmental Biotech

Tuesday, 3rd November 2020 at 12:00 - 1:30pm

[Register](#) now to hear from top speakers and engage in the online chat. See [here](#) for details.

POC Call Results

We are grateful to everyone who participated in the 2020 EBNet Proof of Concept Call. Applicants, reviewers and panel members all devoted time to this - under trying circumstances. Competition was fierce as 33 bids requested over £2.25M from our limited budget. In the end 5 projects covering a range of themes were funded. Details [here](#). Our second call will be held in 2021 so stay tuned for updates.

[Biosolids Conference](#) 16-17 November - late Poster submission

There is still time to participate with any waste-water related work. The [Events' Manager](#) at AquaEnviro invites last minute posters to this major, (now) virtual event. Respond soon.

BioProNET2

Remember BioProNET from the Phase 1 NIBB Networks? It has evolved and returned as BioProNET2, an academic-industry networking club sponsored by industry. If you have an interest in the manufacture of emerging novel biological modalities you can find out more [here](#). Or contact the [Network manager](#) to express interest.

Now Open

Next Quarterly EBNet Placement Call

Deadline: 16 November 2020

Awards have a value of up to £1,500 for UK-based placements and £3,000 for overseas placements. Thinking about a "socially distanced" placement/training? Email to see if we

can help. More [here](#).

ECR Conference Travel Bursary

Intending to present your work at a major international conference? Submission and notification deadlines can be many months in advance of the event, particularly when conferences are subject to delays of one or two years, so advance planning is essential. Updates on our featured conferences may be in a state of flux, but for support worth up to £1,500, see [here](#).

([Get in touch](#) if you would like to host an event - including webinars. We are always looking to support enthusiastic members to disseminate and explore topics of wider interest.)

Spotlight On...

Why not take a look at a special issue in the Journal Processes, "[Modelling and Optimal Design of Complex Biological Systems](#)"? This should have general relevance as it falls under our third EBNet theme - technology interfaces for process integration, techno-economic and sustainability assessment.

Thanks go to EBNet member Dr Wade for pointing this one out. You can find his open access review paper on AD modelling here: [Not Just Numbers: Mathematical Modelling and Its Contribution to Anaerobic Digestion Processes](#) by Matthew J. Wade in *Processes* 2020, 8(8), 888.

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



Forthcoming Events

Find selected upcoming events below or look further ahead with our online [Google calendar](#).

What have we missed? Whether local or international, niche, general interest or 3rd party - provided the topic is EB, we can share with the wider membership.

[Rem Tech Expo Digital](#)

21-25 September 2020

EBNet: [Making the most of your research: top tips for writing a good paper](#)

29 September 2020. Online seminar. Register by: 24 September 2020

AquaEnviro: [Delivering on net zero carbon in wastewater management. Progress and prospects](#)

29 September 2020, Online

[World Biogas Expo 2020](#)

8-9 October 2020, Online, free

[European Waste Water Management Conference](#)

13-14 October 2020, Online

[HVB Meeting](#)

20-21 October 2020, Online

[FEMS Conference on Microbiology 2020](#)

28-31 October 2020, Online

[FEMS: Biological Data Science](#)

4-7 November, 2020, Online

[5th Conference on Microbial Stress](#)

16-18 November 2020

[Knowledge Transfer Network \(KTN\)](#)

various, multiple dates

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

Funding

Funding opportunities for academia and industry are highlighted below.

Want a partner? Contact us with your details and we can connect you with members with similar interests or put a request out through the network



[National Biofilms Innovation Centre \(NBIC\): Flexible Talent Mobility Award \(ETMA\) - Innovation Placements & Innovation Fellowships](#)

Open in September 2020

[ERC Starting Grant mentoring event](#)

Interested in applying for a European Research Council (ERC) Starting Grant in the January 2021 round?

Mentoring webinar: 21 September 2020

[KTN: Accelerating innovative chemistry & Industrial Biotech-led solutions for a Net Zero World](#)

Training & support to promising early & late-stage innovators to accelerate their pathway towards commercialisation.

Deadline: 30 September 2020

[BBSRC: Innovation Scholars: Data Science Training in Health & Bioscience](#)

Funding is available for up to two years to enable the delivery of innovative training programmes to upskill health & bioscience researchers in data management and analysis.

Deadline: 30th September 2020

[IBioC CTP](#)

Deadline: 5th October 2020

[KTP Partnerships](#)

Next deadlines: 7 October 2020; 2 December 2020; 3 February 2021

[KTN:](#)

[Agri-tech Catalyst round 10: agriculture and food systems, early, mid & late stage](#)

Deadline: 21 Oct 2020

[ETF deployment of energy efficiency technologies in industry](#)

Deadline: 28 Oct 2020

[Innovate UK: ISCF Transforming foundation industries: Building a resilient recovery](#)

£8 million in grant funding available to UK registered businesses for projects supporting recovery and growth of the UK's foundation industries.

Deadline: 4 November 2020

[E3BNet: Business Interaction Voucher Call](#)

Deadline: 8 December 2020

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



Training, Awards, PhDs & Jobs

Did you know we have funds available to help members access placements in industry or academia. Could you host one to share what you know? Contact us now.

Training

The [European Bioinformatics Institute](#) (EMBL-EBI) offers numerous free and paid courses to any level, starting with: [Bioinformatics for the Terrified](#).

[Aqua Enviro](#) offers a range of technical training courses for the wastewater and bioresource sectors including:

[Chemical & Biological Phosphorus Removal](#), 4 November 2020, Leeds

[Introduction to Wastewater Treatment & Handling Sludges](#), 10-11 November 2020, Leeds

[IWA](#) have numerous courses including free MOOCs.

[FutureLearn](#) – numerous FREE top quality MOOCs

Including: Bacterial Genomes: Accessing and Analysing Microbial Genome Data / Comparative Genomics using Artemis Comparison Tool (ACT) / From DNA to Protein Function Using Bioinformatics; Biochemistry: the Molecules of Life; Big Data and the Environment...

Awards

[KTP Best of the Best Awards 2020](#) - Online

9 September 2020

PhDs (from [FindaPhD](#))

Low-cost paper-based sensors for rapid monitoring of water quality

Cranfield University. Deadline: 30 September 2020

Reducing antibiotic use in farming through the development of a novel probiotic yeast additive

University of Bath. Deadline: 4 October 2020

Wastewater Integrated Selection Environment (WISE): A UK Model comprising regulation, resilience and sustainability

Cranfield University. Deadline: 11 October 2020

Robust bioprocess design and engineering for novel biosurfactant production

University of Manchester. Deadline: 28 October 2020

Jobs

Knowledge Transfer Partnership (KTP): Find all graduate jobs [here](#).

Publications

[Insight into the sustainable integration of bio- and petroleum refineries for the production of fuels and chemicals](#)

W. Dwi Prasetyo *et al.* *Polymers* 2020 May 11; Vol. 12 (5)

[Enhanced electrochemical bioleaching of fly ashes of municipal solid waste incineration for metal recovery](#)

Helena I.Gomes *et al.* *Electrochimica Acta*. Volume 345, 10 June 2020, 136188

[An innovative biotechnology for metal recovery from printed circuit boards](#)

Alessandro Becci *et al.* *Resources, Conservation and Recycling*. Volume 153, February 2020, 104549

Still here?

Good riddance to the bad old days when ecologists could measure biodiversity by poisoning everything in a sample area and counting what died. The [X Prize](#) is an international competition with various grand challenges spurred by substantial prizes. Why not take a look at one of the latest - the [Rainforest Prize](#) – which is supporting rapid development of autonomous technologies for biodiversity assessment. (Could new techniques like metagenomic sampling help?) The hope is to accelerate development of new, just, and sustainable bio-economies. Teams need to register by 15 October 2020.

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