



Biotechnology and  
Biological Sciences  
Research Council



Engineering and  
Physical Sciences  
Research Council

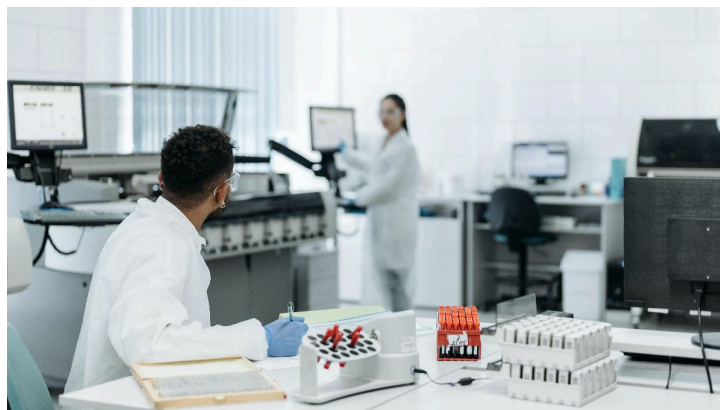


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## EBNet Newsletter - March 2022

### New

#### NOW OPEN

##### [EBNet 3rd Proof of Concept Call](#)

Deadline: 16 May 2022 (midnight)

In this open call we are looking for cross- and multi-disciplinary projects at TRL 1 to 4, and can support desk-studies (£25K), single discipline (£50K) and cross-discipline projects (£100K). Note that applications are now "double-blind" - check the updated guidance.

#### COMING SOON

##### Joint EBNet/Algae-UK webinar - "Developments in Algal Gas Scrubbing"

17 May 2022, 12.00 (BST)

Hold the date! Details of the invited international speakers will be available soon.

#### 4th EBNet Early Career Researcher Conference (ECR22)

advance notice - summer conference

Are you an ECR or Young Professional? PhD student, RA, PDRA or new lecturer? Join us for this *free* and friendly conference. Connect with your peers and showcase the very latest happening in EB. There are comprehensive travel bursaries available to our UK-based ECR members. Details coming soon.



### 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.



Did you catch the [NBIC](#) webinar series? Topics included: *Biofilm engineering for environmental biotechnology*, *De novo microbial granulation for biological wastewater treatment* and *Can microbial electrochemical technologies open a pathway to Net-Zero wastewater treatment?*. Find them [here](#).

Ever wondered how "they" chose that topic for a Call? [NERC](#) is actively looking for "Highlight topic ideas". Submit your thoughts, by 4 May 2022, [here](#).



## Forthcoming Events

Find selected upcoming events below.

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

### [Innovate UK/KTN Deep Dive Workshop: Engineering Biology](#)

14 March 2022

### [SETsquared: Chemical Pollution and the Circular Economy](#)

16 March 2022

### [SCI: Marine litter: Are there solutions to this global environmental challenge?](#)

23 March 2022

### [E3B: Sustainable landscapes for microbe mineral interactions: Relevance to mineral recovery and to agricultural systems](#)

28 April 2022

### [ChemUK2022](#)

11-12 May 2022, NEC, Birmingham

### [IBioIC 8th Annual Conference: The Just Transition of Biotechnology](#)

6-7 June 2022, Glasgow

### [Isaac Newton Institute: Microbial communities: current approaches and open challenges](#)

Deadline for applications: 3 July 2022. Workshop: 10-14 October 2022

### [CIWM: Decarbonising the waste sector \(it's not that simple!\)](#)

16 July 2022, webinar

### [RWM & Letsrecycle Live](#)

14-15 September 2022, NEC Birmingham

### [IWA: International Symposium on Waste Management Problems in Agro-Industries](#)

28 October 2022

### [11th International Conference on Environment Science and Biotechnology](#)

11-13 November 2022, Osaka, Japan

### [The FEMS Congress on Microbiology](#)

9-12 July 2023, Hamburg, Germany

## Funding

Funding opportunities for academia and industry are highlighted below.

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



[The Royal Society: Newton International Fellowships](#)

16 March 2022

[The Carbon Recycling Network: "Responsible & safe handling of C1 gases in microbiology labs guidance manual" Call](#)

24 March 2022 (extended)

[POST: Ashok Kumar Fellowship](#)

18 April 2022

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

20 April 2022

[E3B: Proof of Concept Call](#)

4 May 2022

[BBSRC Discovery Fellowships 2022](#)

5 May 2022

[Lloyd's Register Foundation Small Grants scheme](#)

16 May 2022

[Philip Leverhulme Prizes](#)

17 May 2022

[BIFFA: Partnership Grants Scheme](#)

1 June 2022

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

16 August 2021

[SfAM: Small Research Projects and Equipment Fund](#)

Open



## 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 Fellow: Use Potential of Mineral Wastes for Industrial Symbiosis** - UCL, 25

March 2022

**Visiting Fellowships 2022-2023** - Corpus Christi College Cambridge, 26 April 2022

### **Training**

[IWA: Aerobic Granular Sludge Technology for Wastewater Treatment](#)

13 April 2022

[AquaEnviro: Optimising Anaerobic Digesters: WASTES](#)

24 April 2022, online

[FEMS: Research and Training Grants](#)

1 July 2022

### **Awards and Competitions**

[HVBNet: Early Career Researcher Blog Competition](#)

14 March 2022

[Royal Society of Biology: Photography Competition](#) - opens March 2022

[Celebrating Impact Prize 2022](#) - 17 March 2022

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

**Microbial carbon cycling in geological CO2 storage environments** - The University of Manchester, 31 March 2022

**Understanding and modelling the potential impacts of alternate land-use practices: CO2 sequestration and pollutant immobilisation in derelict and contaminated land sites** - University of Glasgow, 31 March 2022

**Impact of wastewater treatment plants on emission of new and emerging pollutants into atmosphere** - Coventry University, 16 May 2022

## Publications

[Pharmaceutical pollution of the world's rivers](#)

John L. Wilkinson *et al.* In PNAS February 22, 2022 119 (8)

[Cyclodextrin-enabled green environmental biotechnologies](#)

Éva Fenyvesi & Tamás Sohajda. In Environmental Science and Pollution Research (2022)

[Whole-cell biosensors for determination of bioavailable pollutants in soils and sediments: Theory and practice](#)

Xiaokai Zhang *et al.* In Science of The Total Environment, Volume 811, 10 March 2022, 152178

## Still here?

Thinking innovatively – have you heard of crowdsourcing for scientific research? Take a look at [crowd.science](#) and [experiment.com](#) to see the uses that other people are making of this novel approach. Previously, big governmental bodies, individual philanthropists, charities and industry would effectively "gatekeep" research. But in the 21st century it has "gone public".

There are projects like "*Can bioinformatics help protect coconut trees from weevils?*" and "*Exploring the Bioremediation and Environmental Impact of Halogenated Organic Compounds*". Typically people ask for a few thousand pounds at a time for small projects (although UCL are 20% of the way to £1M!), and more funding is always welcome. What would *you* donate to?

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