



Biotechnology and
Biological Sciences
Research Council



Engineering and
Physical Sciences
Research Council

EBNet Newsletter November 2019

Welcome back to the Environmental Biotechnology Network Newsletter. Check out the new format Website at <http://ebnet.ac.uk/> for access to all sorts of new functions. If you are still staring at a holding page it may be time to refresh your browser!

(Details of all six BBSRC NIBBs can be found [here](#))

News



Q&A with Frank Rogalla, Carole Llewellyn, Brenda Parker and Michael Ross at last month's joint EBNet/ALGAE-UK event, London

The EBNet Research Colloquium 2020 **University of Edinburgh, 22-23 January**

Join us for a gathering of top academic speakers and to network with other members in advance of our first Business Interaction Voucher (BIV) and Proof of Concept (POC) Calls. This event is open to our entire membership. Why not book a place at our FREE pre-event evening dinner (22 Jan) and FREE event (23 Jan) [here](#).

Want to participate? Contact us to be considered for a FLASH presentation. ECR members providing a poster may be eligible for bursary support. Contact us now to express an interest.

Explore the latest **BBSRC Biotechnology Impact videos** on Twitter.

Checkout [Everyday lives](#), [Sustainability](#) & [Health](#).

Want to vote for your favourite Welsh sustainability project at the [Sustainable Academy Awards](#)? Winners are partly determined by digital popular vote. Help avoid another Boaty McBoatface!

(Could you showcase your group's research to the membership? Let us help...just get in touch if you would like to host an event. We are always looking to support enthusiastic members to disseminate and explore topics of wider interest.)

Spotlight on...

Each month we would like to highlight the work of a member. This month we are looking at:

[Dr Jhuma Sadhukhan](#), University of Surrey

Dr Sadhukhan is a Fellow of the Institution of Chemical Engineers (FIChemE), Chartered Engineer (CEng) and Chartered Scientist (CSci). With extensive industrial and academic experience with Technip, MW Kellogg Ltd., the University of Manchester and Imperial College London she brings unique expertise in sustainability and engineering systems to the EBNet Executive Group.

As founder of IBEST (the Institution of Biorefinery Engineers, Scientists and Technologists), she undertakes fundamental research in "Biorefinery" and "Resource Recovery from Waste". Her core research interests include: modelling, simulation and design, across the scale from molecules to systems, and techno-economic analysis, life cycle assessment, life cycle costing and life cycle sustainability assessment.

Selected publication: Two-dimensional mathematical model of an air-cathode microbial fuel cell with graphite fiber brush anode, Gadkari Siddharth, Gu Sai, Sadhukhan Jhuma (2019)' Journal of Power Sources 441 227145.



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.

[Town Meeting for BBSCR "Industrial Biotechnology for Improving Production of Higher Value Chemicals funding" call](#)

19 November 2019, Holiday Inn Bloomsbury

This Town Meeting will give potential applicants and stakeholders an opportunity to find out more about the background to the call and understand the industrial challenges in this area.

[KTN: Microbiome Special Interest Group Launch Event](#)

26 November 2019, London

[IBioC Annual Conference](#)

5-6 February 2020, Glasgow

Meet and network with IB business leaders, policy-makers, investors, innovators and technical experts.

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



[HVB: Business Interaction Vouchers - £10K](#)

Deadline: 8 January 2020

[CCNet: Business Interaction Vouchers - £10K](#)

Extended Deadline: 13 January 2020

[HVB: Training fund - £1K](#)

Deadline: Monthly

Network members can request funds of up to £1000 for a training activity including training course fees and/or accommodation and visits to other laboratories in the UK for training purposes.

[BBSRC: Industrial biotechnology for improving production of higher-value chemicals \(HVC\)](#)

Deadline: 16 January 2020

Up to £2M available for grants to support short collaborative projects of between 12–24 months with a value up to £250K.

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



Awards & PhD Studentships

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.

[Awards](#)

[RSC Awards \(various\):](#)

Deadlines: 15 January 2020

2020 Green Chemistry Award

For the design, development or implementation of novel chemical products or processes which have the potential to reduce or eliminate the use and generation of hazardous substances.

John Jeyes Award

For chemistry in relation to the environment.

Sustainable Water Award

For the contributions of chemical sciences to equitable water supply.

Bioorganic Chemistry Award

To recognise excellence in any area of bioorganic chemistry.

[PhDs](#)

The influence of biogeochemical iron(III) reduction on contaminant dynamics in riparian systems

Cardiff University. Deadline: 16 December 2019

Chemical and ecological effects of combined sewer overflows on rivers

University of Bath. Deadline: 16 December 2019

Microbial survival and activity in bentonite clay: relevance to the safety case for geological disposal of radioactive waste

Cardiff University. Deadline: 6 January 2020

Fate, transformation and effect of microplastics on microbial communities in the environment

University of Essex. Deadline: 7 January 2020

(Find more [here](#))

Still here?

Why not take the [Gapminder](#) test? The late Hans Rosling - famous for his impressive ability to communicate hard data in wonderfully accessible ways - launched the Gapminder foundation to promote sustainable global development and achievement of the United Nations Millennium Goals by increased use and understanding of statistics... and its fun! There are also Free tools available to spice up your next presentation.

Copyright © 2019 BBSRC Environmental Biotechnology Network (EBNet), All rights reserved.

Want to change how you receive these emails?
You can update your preferences or unsubscribe from this list.

