



**The Elements of**  
Bioremediation,  
Biomanufacturing  
& Bioenergy

**Metals in Biology**  
(MiB)

This Durham, Kent and Manchester Universities-led network is one of six phase-II BBSRC NIBB, announced in November 2018 and has the following objectives:

*“This network will consolidate the activities of communities working on Metals in Biology to accelerate the exploitation of research relevant to industrial biotechnology and bioenergy. Almost a half of the reactions of life are catalysed by metals. This means that a large proportion of bio-industries depend directly, or indirectly, on the catalytic activities of metals in proteins. Network members from academia will work with members from the biomanufacturing and bioenergy sectors to enhance the activities of such metalloenzymes in order to generate new products and to increase the profitability and sustainability of existing products. About a half of wastes are contaminated with metals. Network members from multiple companies will work with others in academia to valorise metal contaminated wastes, not only bio-remediating but also bio-recovering metals in valuable forms.”*

The BBSRC NIBB has funding for 5 years and will support schemes that promote collaborations between Industry and Academia including the following:

- Proof of concept awards (up to £25k)
- Business interaction vouchers (up to £10k)
- Collaboration-building workshop fund (up to £5k)
- Early Career Researcher fellowship planning-visit fund (up to £2k)
- Early Career Researcher conference travel fund (up to £1.5k)

The network will run annual meetings, disseminate opportunities and provide advice that promotes Industrial Biotechnology and Bioenergy.

Membership is open and free throughout the duration of the network.



[mib-nibb/webpace.durham.ac.uk](http://mib-nibb/webpace.durham.ac.uk)



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