

EFB Bioengineering & Bioprocessing Section



EUROPEAN FEDERATION OF
BIOTECHNOLOGY

Newsletter October 2014



Section Co-chairs:



Dr. Louise Horsfall



Dr. Tim Overton



EUROPEAN FEDERATION OF
BIOTECHNOLOGY

**Bioengineering &
Bioprocessing
Section**

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Welcome to the EBBS

The new section of the European Federation of Biotechnology is devoted to bioengineering and bioprocessing in all forms. We officially launched at the 16th European Congress on Biotechnology in Edinburgh with a special bioprocessing symposium.

EBBS will organise focused meetings and conferences in areas related to bioengineering and bioprocessing that are currently under-represented at the European level. Potential areas include biopharmaceuticals, biofuels, applied plant biotechnology, metabolic engineering, applied synthetic biology, industrial biocatalysis, applied environmental microbiology, biomedical engineering and tissue engineering. This is not an exhaustive list; we are keen to represent the European bioengineering and bioprocessing

communities, so our meetings and conferences will reflect your research! We aim to include scientists and engineers working at all stages of these processes, such as strain development and engineering, fermentation and cell culture, downstream processing and product formulation, and at all career stages, from PhD student to professor. Our focused meetings will provide plenty of time for discussion in a friendly, open atmosphere. They will be ideal opportunities for building consortia for forthcoming Horizon 2020 proposals. To see the members of the [section board](#), find out about our approach to [responsible innovation](#), read the [minutes](#) of previous meetings or look at what [events](#) are coming up, just check out the [section's website](#).

ECB16 - 16th European Congress on Biotechnology

The 16th European Congress on Biotechnology (ECB16) was held in Edinburgh (UK) from the 13th to 16th July 2014. Covering all aspects of biotechnology, including plant and environmental, medical, industrial and marine biotechnology, the event attracted more than 800 international delegates. The 4-day congress was opened with lectures by the Chief Scientific adviser to the European commission, Prof. Anne Glover on the European bioeconomy and Prof. Jay Keasling (Uni. of California) on using synthetic biology for synthetic chemistry. Further, Prof. Martin Fussenegger (ETH Zürich) delivered a lecture on "Prosthetic

gene networks for biomedical applications". The scientific engagement event "Living in a post-antibiotic era" chaired by Dr. Paul Hoskisson (Uni. of Strathclyde), which was open to the public and received a remarkable turnout, underlined the need for novel antibiotics, for which synthetic biology might provide the tools, and the need for new regulations in treatment. Another highlight was the "Governance, Risk and Responsible Innovation" panel discussion hosted by the Innogen Institute. This topic is becoming an increasingly important component of EU governance agendas, especially for advanced biotechnologies. The 5th Biochemical Engineering Journal Young Investigator Award lecture was given by Dr. Chetan

Goudar on the "Future of Mammalian Cell Culture Process Development". Prof Sang Yup Lee (KAIST) delivered the last plenary lecture on bio-based production of chemical, fuels and materials by metabolically engineered microorganisms. Overall, with more than 20 keynote speakers, 135 presentations and almost 400 scientific posters the ECB16 provided a basis for future commercial innovation for Europe's biotechnology industry.



16th EUROPEAN CONGRESS
ON BIOTECHNOLOGY
13-16 July 2014 • IBC • Edinburgh • Scotland

The 17th ECB will take place 3rd - 6th July 2016 in Krakow, Poland.



Our First Section Meeting: Focus on Frontiers in Industrial Biotechnology, November 17th-19th, London.

Our Focus on Frontiers in Industrial Biotechnology meeting will take place at the SCI London on November 17th-19th.

Industrial Biotechnology is a broad and exciting field, which is full of research variety.

The meeting will reflect this diversity and include presentations on topics from applied biological processes to the generation of

bioproducts, such as proteins, peptides and small molecules, and their downstream processing.

Presentations will be given by scientists from all stages of their careers, from PhD student to professor, and with representation from across Europe.

We will also provide key networking opportunities to encourage consortia building for future EU funding

opportunities, such as Horizon 2020.

We therefore invite the submission of abstracts, from which speakers will be selected, via our section website.

We hope to see you in London in November!

Register Now!

Abstract Deadline:
[24th October 2014](#)

Early Registration Deadline:
[24th October 2014](#)

Conference Venue:
[SCI Meeting Rooms](#), Belgrave Square, London, UK

More information:
<http://tinyurl.com/EBBSfrontiers>

Twitter:
[@EFB_EBBS](#)
[#EBBSfrontiers](#)

Focus on Frontiers in Industrial Biotechnology

17-19 November 2014 // SCI London

Upcoming Conferences & Events

2014

6-12 Oct 2014

[European Biotech Week](#)



17-19 Nov. 2014

[Focus on Frontiers in Industrial Biotechnology](#)

London (UK)

2015

15-18 March 2015

[Bacterial Electron Transfer Processes and their Regulation](#)

Vimeiro (Portugal)

22-24 April 2015

[8th Conference on Recombinant Protein Production](#)

Palma (Mallorca, Spain)

July 26 – 30 2015

[12th BIOTRANS Congress](#)

Vienna (Austria)

2016

TBC – early 2016

[3rd Meeting on Applied Synthetic Biology in Europe](#)

Southern Europe

3-6 July 2016

[17th European Congress on Biotechnology](#)
Krakow (Poland)

EBBS thanks the following partners for their support:



RPP8 – Palma, Mallorca

A Comparative view on host physiology

22-24 APRIL, 2015



Funding Opportunities & Programmes

6th Joint Call – ERA-IB

Call will open on 1st December 2014
<http://www.era-ib.net/6thjointcall>



Horizon2020

[Investment catalyst for industrial biotech innovation](#)

Synthetic Biology ERA-NET

<http://www.bbsrc.ac.uk/funding/opportunities/2014/era-synbio-call2.aspx>

The 2015 LEAP Fellowship – Application now open!

The Synthetic Biology Leadership Excellence Accelerator Program (LEAP) is catalysing a community of emerging leaders in synthetic biology. This programme provides an environment to acquire skills for engaging a broad range of stakeholders in the development of the field with a strong ethical foundation for the future, to create new visions and strategies for developing

biotechnology in the public interest. Applications are open and will be accepted on a rolling basis until **October 31st 2014**.



<http://synbioleap.org/overview/2015program/>

Jobs

Closing Date	Job Title	Location	Job Reference
17.10.14	2x Postdoctoral Research Associate	University of Edinburgh (UK) – SynthSys	031385 031413
23.11.14	PI	KU Leuven (Belgium) – Dept. of Pharmaceutical and Pharmacological Sciences	ZAP-2014-87
04.12.14	Lecturer/Senior Lecturer	Imperial College London (UK) – Dept. Bioengineering	EN20140342FH

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EUROPEAN FEDERATION OF BIOTECHNOLOGY

Bioengineering & Bioprocessing Section

Do you want to get involved?

If you would like to be part of the new section, or if you have an idea for a new meeting in an area of bioengineering or bioprocessing, or would like to assist in section activities, please contact the section co-chairs:

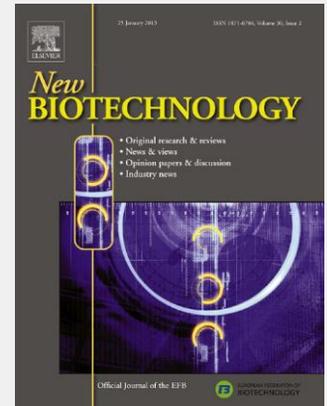
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About this Newsletter:

You receive a quarterly Newsletter as part of your membership with EBBS.

If you do not wish to receive this Newsletter, send an email to Karsten Zimny karsten@efb-central.org to unsubscribe.

New Biotechnology is the official journal of the [EFB](#) and is published bimonthly. It covers both the science of **biotechnology** and its surrounding **political, business...**



Impact Factor: 2.106

Recent Issue:
Synthetic Biotechnology
(Volume 31, Issue 6)

Special Issue:
[ECB2014](#)
based papers on delegates' personal and poster presentations



Member's input invited!

If you have interesting news, suggestions or job vacancies that you would like to advertise, please, get in touch:



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