

Dear colleagues and friends,
the season of conferences and workshops is starting now! Enjoy the reading of this Newsletter of May 2016 and hope to meet you soon at our main EFB event in Krakow or earlier at ISEB 2016 in Barcelona!

Yours sincerely,

Philippe Corvini; philippe.corvini@fhnw.ch, 15 May 2016;

NEWS FROM EFB

ECB 2016 "Cellulosome and beyond" highlight event

The "Highlight event" on "Cellulosome and beyond" organised with our colleagues of AFOB will take place July 5 (15:00-18:00) in the frame of ECB 2016 in Krakow (Poland). We have set a dense and very exciting programme:

15:00-15:15 **Carmen de Vicente Coll** (EC Unit D2)

15:15-15:30 **Agata Pieniadz** (BBI JU)

15:30-15:50 **Akihiko Kondo** Development of efficient cellulolytic enzyme display on the cell surface of the yeast *Saccharomyces cerevisiae*

15:50-16:05 **Sung Ok Han** Designer cellulosome for application to advanced biotechnology tools

16:05-16:20 **Mitsuo Umetsu** Hybrid nanocellulosome chimera-designed from module library

16:20-16:35 **Feng-Wu Bai** Overproduction of cellulase by *Trichoderma reesei* Rut C30 through batch-feeding of synthesized mixture as substrate and inducer

16:35-16:50 **Joe Bennett** Cereal Straw Deconstruction: Identifying the enzymatic players by multi-omics interrogation of microbial communities

16:50-17:05 **Anouk Duque** Treatment and valorization of cellulosic fraction of brewery waste

17:05-17:20 **Yinbo Qu** Integrated pulp-ethanol-fertilizer biorefinery from straws with on-site low cost cellulase production

17:20-17:35 **Preeti Sharma** Pretreatment strategies adopted for production of bioethanol from soft wood material of *Shorea robusta* and *Cedrus Deodara* tree species

EB section member as chairs at ECB 2016

Members of our Environmental Biotechnology section of EFB will be strongly active at ECB 2016. Joanna Surmacz-Górska will chair the session on wastewater treatment and bioremediation, Lukasz Chrzanowski will chair the session on Environmental Biotechnology and Kerstin Brandstätter-Scherr will chair the session on bioremediation and biodegradation.

NEWS FROM OUR EB SECTION

Next meeting of EB section at ECB in Krakow

The meeting of the section Environmental Biotechnology will take place on July 5th at ECB venue from 13:30 to 14:45. Agenda and room number will be circulated in a separate email. We count on you for

attending this meeting to discuss future strategic developments and (re-)organise our section structure

Special Issues in New Biotechnology

The handling of EBC VI and ICEEM 08 is progressing. The dynamism of our section concerning publication activities in New Biotechnology journal is highly appreciated by Elsevier and the EFB executive board. It is important to keep on maintaining/increasing the quality of our articles in our official journal. We herewith take the opportunity to acknowledge the support of our section members who agreed to review some of these manuscripts. We already call now for volunteers to review manuscripts that will be submitted in the frame of ISEB 2016.

Summer school in Delft

Our colleague Piet Lens is involved in the organisation of a summer school on contaminated soils. This event will take place in Delft (The Netherlands). There are 9 fellowships for travel and accommodation from Wednesday 25 till Friday 27 May. Early stage researchers willing to attend the training school should send a CV as well as a motivation letter to p.lens@unesco-ihe.org no later than May 15, 2015.

New strategic partner

The Korean Society of Biotechnology and Bioengineering (KSBB) is a non-profit professional association that serves as a leading society and working home for biotechnology students, academics and professionals. It is a very dynamic society gathering more than 6500 active members. Philippe Corvini was invited for a keynote at the spring meeting of the KSBB in Gyeongju last April. KSBB president Tai Hyun Park has expressed high interest for closer collaboration with EFB and our section.

STRATEGICAL ACTIVITIES AND DEVELOPMENTS

Position papers!

Members of our Section are currently preparing position papers on the topics that have been presented at the workshop in Brussels (mentioned above). It is useless to mention that the more co-authors the higher the impact. **Join us!**

IMPORTANT EVENTS OF OUR SECTION

These are the coming events of our Section in chronological order. *Check and earmark the dates!*

The **3rd European Meeting of the International Society for Microbial Electrochemistry and Technology** (EU-ISMET, *September 26-28, 2016*; Rome, Italy) is organised by our colleagues from Rome Federico Aulenta (IRSA-CNR) and Mauro Majone (La Sapienza). Our Section is associated with the organisation of this event. This edition follows the tradition of previous successful EU-ISMET meetings (Gent 2012 and Alcalà 2014), this 3-day event will bring together the scientific community to present and discuss the latest advances in research and industrial application of microbial electrochemical technologies. Through the advise of a stellar International Scientific Committee, featuring among the others the three past and present ISMET Presidents (Bruce Logan, Korneel Rabaey, and Lars Angenent), EU-ISMET 2016 will discuss key topics such as electrosynthesis of valuable products, electron transfer mechanisms, electro-bioremediation, as well as aspects of process development, microbiology, material science and many more. More info on www.euismet2016.com.

International Symposium on Persistent Toxic Substances (ISPTS 2016, October 11–14, 2016; Leipzig, Germany). ISPTS series aims to provide a platform for scientists working on PTS around the globe to discuss and exchange information on the most recent findings, innovative theories, frameworks, and methodologies in PTS research. The symposium covers interdisciplinary topics ranging from analytical chemistry and the characterization of PTS to environmental fate and eco-toxicology.

Building on the great success of the twelve ISPTS held annually since 2004, the 13th ISPTS will be held at the Leipziger KUBUS on the Science Campus in Leipzig and will be chaired by Matthias Kästner and co-organized by the following partners: Helmholtz-Centre for Environmental Research – UFZ, Dept. of Environmental Biotechnology, and the State Key Laboratory of Environmental Chemistry and Ecotoxicology, Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences. **Deadline for abstract submission is Sunday, 15 May 2016** (<http://www.pts2016-leipzig.de/call-for-abstracts.html>)

17th International Biotechnology Symposium and Exhibition (IBS 2016, October 24-27, 2016; Melbourne, Australia). IBS is a biennial event gathering scientific and industrial communities of biotechnologists and green chemists comprising academics, researchers, students, company executives, government and entrepreneurs. The

program will present the most advanced issues in biotechnology, green chemistry and related fields. The scientific program committee invites abstracts which fall into one of the following themes:

- Agri Business - animal, food and aqua culture
- Industrial and environmental biotechnology
- Pharmaceutical, medical and molecular
- Bioenergy and biorefinery
- Bioeconomy, biopolicy and investment
- Biosensors and nanobiotechnology

More info on www.ibs2016.org

Ecomondo 20th International Trade Fair of Material & Energy Recovery and Sustainable Development (Ecomondo, *November 8-11, 2016*; Rimini, Italy). F. Fava is responsible for the whole scientific programme and our Section will have several talks at this important fair. More info at: en.ecomondo.com.

JOB MARKET

There are 2 PhD openings in the group of Vera Slaveykova at EPFL (Lausanne, Switzerland). The topics relate to aquatic biogeochemistry and ecotoxicology of mercury (details are in the attached announcement).

Do not hesitate to announce jobs and internships to Alberto Scoma (alberto.scoma@ugent.be).

SPREAD THE WORD

Sustain the EB Section of EFB!

Make your colleagues working on Environmental Sciences and Biotechnology subscribe to the Environmental Biotechnology Section. Registration is for free!

To become a member visit to the webpage www.efb-central.org/index.php/3010hcet/register fill in the form and **tick the box Environmental Biotechnology** to be listed as one of our Section members. In addition

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