

RESEARCH CONFERENCES

ESF-BU-CeBiTec Conference

Microbes and Industrial Biotechnology 2010

Park Inn, Bielefeld • Germany

21-24 November 2010

Chair: Volker Wendisch, Chair of Genetics of Prokaryotes, Faculty of Biology and Center for Biotechnology, Bielefeld University, DE

Co-Chair: Alf Pühler, Center for Biotechnology, Bielefeld University, DE

International Advisory Board:

Fengwu Bai, Dalian University of Technology, CN; **Sjef Heijnen**, TU Delft, NL; **Jens Nielsen**, Chalmers, SE; **Uwe Sauer**, ETH, CH; **Thomas Scheper**, University of Hannover, DE; **Helmut Schwab**, TU Graz, AT; **Friedrich Srienc**, University of Minnesota, US; **Jin-Ho Seo**, Seoul National University, KR; **Oskar Zelder**, BASF, DE

Biotechnological processes are of increasing significance for industrial production, a trend that will likely take up more momentum in the light of decreasing oil availability. Production processes in Industrial Biotechnology make use of recent advances in microbial research. Microbial strains for the production of e.g. fine chemicals, biofuels, secondary metabolites and proteins can now be developed by a rational design strategy. Such a strategy relies on the characterization and optimization of the microbial production host based on omics technologies, systems biology or synthetic biology approaches. Microbial Biotechnology will play an important role on our way towards sustainable use and production of renewable bio-resources.

The 2010 ESF Bielefeld conference, the first of a series of annual conferences on Advances in Industrial Biotechnology, will promote scientific excellence in microbial biotechnology by providing leading scientists and young researchers with a platform to present their work, to discuss current scientific understanding along with recent developments in key areas of industrial biotechnology, and to identify the priorities for further research.



Invited Speakers will include:

Jozef Anné, Catholic University Leuven, BE

Eckhard Boles, Butalco, DE

Roel Bovenberg, DSM, NL

Mirjam Czjzek, CNRS - Université Pierre et Marie Curie Paris 6, FR

Sjef Heijnen, TU Delft, NL

Akihiko Kondo, Kobe University, JP

Jens Nielsen, Chalmers, SE

Jose A. Salas, Universidad de Oviedo, ES

Uwe Sauer, ETH, CH

Jin-Ho Seo, Seoul National University, KR

Friedrich Srienc, University of Minnesota, US

Xinqing Zhao, Dalian University of Technology, CN

The conference will be followed by an International Late Autumn School for which there will be limited places: Advanced Techniques in Bacterial Genome Research, 24 – 27 November 2010 at Center for Biotechnology, Bielefeld University.

Application form & programme available from

www.esf.org/conferences/10347

Closing date for applications: 10 September 2010

European Science Foundation | Research Conferences Unit
149 avenue Louise | Box 14 | Tour Generali, 15th Floor | Brussels | Belgium
Tel: + 32 (0)2 533 2020 | Fax: +32 (0)2 538 8486
Email: conferences@esf.org | www.esf.org/conferences