

ESF-BU-CeBiTec Conference
Microbes and Industrial Biotechnology 2010
 21-24 November 2010

POSTER LIST

LIST OF POSTERS TO BE PRESENTED:

Poster Session I (odd numbers) - Sunday 21 Nov. 18.00

No.	Surname	First Name	Poster Title
1	Albermann	Christoph	Engineering of plasmid-free Escherichia coli strain for heterologous in vivo synthesis of fine chemicals
3	Blin	Kai	CLUSEAN: A Modular Platform for the Analysis of Gene Cluster Sequence Data
5	Chengalath	Gopinathan	Novel cost effective pretreatment protocols to improve biogas production from agro wastes
9	Farhan	Abbas	Microbial Biofilms: Friend or Enemy?
11	Folescu	Elena	Studies on mixing distribution in stirred bioreactors for dispersions of oxygen-vectors in aerated simulated fermentation broths
13	Griffen	Julia	Unexploited Microbial Oxidation – Sustainable Routes to High-Value Chiral Synthetic Intermediates
15	Heberling	Matthew	Discovery of novel biocatalysts from nature: a promising route to reduce pollution
17	Kihira	Chie	Alterations of glucose metabolism in Escherichia coli mutants defective in respiratory-chain enzymes
19	Kolkenbrock	Stephan	Chitin deacetylases - Towards the patterns of acetylation
21	Krainer	Florian	Identification of horseradish peroxidase isoenzymes for heterologous expression in Pichia pastoris
23	Liesegang	Heiko	The impact of comparative genomics on rational strain design
25	Mustafi	Nurije	Development of a novel biosensor for the intracellular detection of L-Methionine
27	Netzer	Roman	Biosynthetic pathway for sarcinaxanthin in Micrococcus luteus and functional analysis of C50 carotenoid cyclases
29	Rademacher	Antje	Metagenome analysis of microbial biofilms in a thermophilic leach-bed system converting silage to biogas
31	Rytter	Jakob Vang	Redirecting carbon fluxes in Corynebacterium glutamicum
33	Spath	Katharina	Break on through to the other side – electroporation of heavily transformable industrial lactic acid bacteria
35	Steinkämper	Anne	Friulimicin biosynthesis in Actinoplanes friuliensis
37	Troeschel	Sonja	pEBP18 - a novel broad-host-range shuttle-vector - applied to mine enzymes from the metagenome 'butchery'
39	Várnai	Anikó	Structural factors affecting enzymatic conversion and enzyme adsorption during hydrolysis of pretreated spruce
41	Volmer	Jan	Solvent Tolerant Pseudomonas Strains – A Platform for Redox Biocatalysis with Toxic Reactants
43	Winn	Michael	Scoping the Biocatalytic Potential of an Artificially Engineered Biofilm

LIST OF POSTERS TO BE PRESENTED:

Poster Session II (even numbers) - Monday 22 Nov. 18.15

No.	Surname	First Name	Poster Title
2	Biedendieck	Rebekka	In vitro characterization of Escherichia coli phage K1E RNA polymerase and its in vivo application for protein production in Bacillus megaterium
4	Bott	Michael	Serin/threonine phosphorylation in Corynebacterium glutamicum and its impact for glutamate production
6	De Almeida	Alejandra	D-Lactate Synthesis Elimination Increases Poly(3-Hydroxybutyrate) and Ethanol Synthesis from Glycerol in Recombinant Escherichia coli
8	Egger	Esther	Identification of strong promoters functional in different Lactobacillus strains
10	Fischer	Nicole	Regulation of friulimicin production in Actinoplanes friuliensis
12	Garrido	Sharon Marie	Expressions of genes for fatty acid metabolism and the cutinase and hydrophobin protein productions in the farA disruptants of A.oryzae
14	Hanreich	Angelika	Analysis of the metaproteome of biogas producing communities
16	Heinl	Stefan	Sequencing and characterization of two small cryptic plasmids derived from a Lactobacillus buchneri strain isolated from silage
18	Knuf	Christoph	Physiological characterization of Aspergillus oryzae
20	Kozaczuk	Anna	Expression of recombinant thymosin β 4 in E.coli
22	Lara	Alvaro R.	New strains and cultivation techniques for the production of plasmid DNA by Escherichia coli
24	Maldonado-Larrosa	Barbara Maria	Transcriptomics-based gene selection for improved production of recombinant proteins in Streptomyces
26	Nampoothiri	K. Madhavan	Genetically engineered C. glutamicum capable of glutamate production using hemicellulosic hydrolysate of wheat bran as feed stock
28	Pudlik	Agata Maria	Citrate uptake in exchange with intermediates of the citrate metabolic pathway in Lactococcus lactis IL1403
30	Rohe	Peter	Bioprocess development with higher throughput: Optimizing heterologous protein expression in the microtiterplate
32	Sauvageau	Dominic	Viral production in a disruptive process: the effect of self-cycling operation on the production of bacteriophages
34	Stammen	Simon	High-yield intra- and extracellular protein production using Bacillus megaterium
36	Sulong	Moohamad Ropaning	Isolation, Cloning and Expression of a Thermostable Maltogenic Amylase Gene from a Local Isolate
38	Valiev	Abduvali	Cellulase and polyphenol oxidase production by southern pine beetle symbiont Entomocorticium sp.A
40	Vidal	Rebeca	Light-driven ethanol production from co2 by genetically engineered strains of the cyanobacterium Synechocystis sp. PCC 6803
42	Weber	Stefan	Genome-wide analysis of the transportome of the industrial filamentous fungal strain Penicillium chrysogenum
44	Wollherr	Antje	The impact of comparative genomics on rational strain design

INSTRUCTIONS:

All posters (odd and even numbers) will be on display for the duration of the conference. Presenters of *ODD* number posters are asked to be beside their poster during Poster Session I - Sunday 21 Nov. 18.00

Presenters of *EVEN* number posters are asked to be beside their poster during Poster Session II - Monday 22 Nov. 18.15