



ACIB GmbH

Austrian Centre of Industrial Biotechnology

Program Satellite Session
“Biotechnology for Industrial
Production” as part of the ECB15

2012/09/23, Istanbul

Program

Satellite Symposium "Biotechnology for Industrial Production"

Time	Title	Speaker
11:00 a.m.	Industrial Biotechnology @ACIB	Anton Glieder
11:15 a.m.	How to design an optimal production host	Jürgen Zanghellini
11:30 a.m.	Bioprocess engineering of recombinant proteins: from μl to m^3 scale and from batch to continuous	Alois Jungbauer
11:45 a.m.	Advanced bioprocess monitoring key to process and systems understanding	Gerald Striedner
12:05 p.m.	<i>Lunch Break</i>	
12:45 p.m.	Enzymes go big: functionalisation of natural and synthetic polymers	Enrique-Herrero Acero
1:00 p.m.	Banning heavy metals from paints: Enzymatic hardening of alkyd resins	Kathrin Greimel
1:20 p.m.	Surfing the ω -transaminase and ene reductase wave: Biocatalytic asymmetric transformations for preparative organic synthesis	Wolfgang Kroutil
1:35 p.m.	Recombinant Human Flavin Monooxygenases: Expression and Moclobemide N-oxide Synthesis on Semi-Preparative Scale	Margit Winkler

Time	Title	Speaker
1:55 p.m.	<i>Coffee Break</i>	
2:15 p.m.	Mating Design and Evolution for Powerful Protein/Enzyme Engineering	Helmut Schwab
2:30 p.m.	Npro autoprotease fusion technology (NAFT), a platform for industrial peptide/protein production in E. coli	Rainer Schneider
2:50 a.m.	Engineering by design: Systems biology based development of biotechnological production strains	Diethard Mattanovich
3:05 p.m.	Novel human kidney cell lines for better prediction of nephrotoxicity	Regina Grillari
3:25 p.m.	Closing Remarks	Anton Glieder
