

ESBES+ISPPP+ISB 2010 in Bologna - Last-Minute-Poster Programme

ID	POSTER No.	Topics/	Code	PAPER TITLE/PAPERTITLE NEW AUTOREN
9356	LMP_A_01.17	Preparative and industrial high resolution bioseparation	A_01	To achieve an efficiency purification do we need to use small particle HPLC media? <u>L. Lloyd</u> , S. Ball, K.J. Mapp, Varian Inc., Church Stretton/UK
9377	LMP_A_01.18	Preparative and industrial high resolution bioseparation	A_01	Development and optimization of a two-step MAb purification strategy using a micro scale approach V. Ravault, <u>V. Brochier</u> , R. Gantier, S. Bengio, Pall Life Sciences BioSeptra, Cergy/F; J. Paulsen, Fhl ITEM, Braunschweig/D
9386	LMP_A_03.06	Non-chromatographic separation processes for biomolecules	A_03	Formation of protein coated microcrystals for protein isolation, purification and concentration <u>A. Jawor-Baczynska</u> , J. Sefcik, Ch. van der Walle, B.D. Moore, University of Strathclyde, Glasgow/UK
9354	LMP_A_04.08	Process integration and primary recovery	A_04	Isolating and purifying of white proteins from alfalfa juice using ultrafiltration and size exclusion chromatography <u>L. Firdaous</u> , G. Le Flem, V. Delcourt, D. Vercaigne-Marko, P. Dhulster, University of Lille 1, Villeneuve d'Ascq/F
9357	LMP_A_04.09	Process integration and primary recovery	A_04	Purification of a fungal cutinase by foam fractionation: adaption of batch to continuous separation mode <u>J. Merz</u> , B. Burghoff, TU Dortmund/D; H. Zorn, University of Gießen/D; G. Schembecker, TU Dortmund/D
9374	LMP_A_04.10	Process integration and primary recovery	A_04	Process integration and optimization for food enzyme production including large scale purification J.L. Den Hollander, DSM, Delft/NL
9387	LMP_A_04.11	Process integration and primary recovery	A_04	Application of solid resins for controlled substrate supply to biocatalytic reactions <u>N. Al-Hague</u> , P. Tufvesson, R. Gani, J.M. Woodley, Technical University of Denmark, Kgs. Lyngby/DK
9392	LMP_A_04.12	Process integration and primary recovery	A_04	Efficient production and purification of a novel bacteriocin active against <i>Listeria monocitogenes</i> through fed-batch fermentation of <i>Enterococcus casseliflavus</i> CGA1 C. Schiraldi, <u>L. Andreozzi</u> , A. D'Avino, M. De Rosa, Second University of Naples/I
9394	LMP_A_07.25	Novel chemicals and enzymes	A_07	Kinetics of growth and sophorolipids production by <i>Rhodotorula bogoriensis</i> I.A. Ribeiro, M.F. Castro, <u>M.H. Ribeiro</u> , University of Lisbon/P

9373	LMP_A_09.06	Monitoring of mammalian cell cultivation	A_09	Gene expression profiling of CHO in bioreactors: response to fluid dynamic stress <u>J. Sieck</u> , W. Budach, T. Cordes, V. Rosha, H. Chassin, M. Rhiel, C. Leist, Novartis Pharma AG, Basel/CH
9378	LMP_A_09.07	Monitoring of mammalian cell cultivation	A_09	Comparison of monoclonal antibody production capabilities of hybridomas originated from different myeloma partners in different bioreactor systems <u>D. Ayyildiz Tamis</u> , A. Nalbantsoy, M. Elibol, S.I. Deliloglu Gurhan, Ege University, Izmir/TR
9381	LMP_A_15.08	Recombinant protein production	A_15	Structure function relationships of the viral autoprotease N^{pro} <u>M.R. Sponring</u> , M. Koll, U. Schreiner, R. Schneider, B. Auer, University of Innsbruck/A
9390	LMP_A_15.09	Recombinant protein production	A_15	Cell physiology and heterogeneity dynamics in the production of antibody fragments in <i>Bacillus megaterium</i> <u>F. David</u> , E. Franco-Lara, TU Braunschweig/D
9388	LMP_A_16.21	Biofuels and bioenergy, replacement of oil-based chemicals with bio-based	A_16	Process design for chemo-enzymatic synthesis of 2,5-furandicarboxylic acid <u>W. Fu</u> , J.S. Jensen, A. Riisager, Technical University of Denmark, Kgs. Lyngby/DK; S. Pedersen, Novozymes A/S, Bagsvaerd/DK; R. Gani, J. M. Woodley, Technical University of Denmark, Kgs. Lyngby/DK
9389 or 9391	LMP_A_16.22	Biofuels and bioenergy, replacement of oil-based chemicals with bio-based	A_16	Monitoring of biomass of cells during lignocellulosic fermentations <u>M. Garcia Albornoz</u> , G. Markx, P. Hughes, Heriot-Watt University, Edinburgh/UK or Monitoring live yeast cell concentrations in real time during lignocellulosic fermentations <u>M. Albornoz</u> , G. Markx, P. Hughes, Heriot Watt University, Edinburgh/UK
9367	LMP_A_17.07	Biomaterials engineering	A_17	Studies of the stability of octadecylphosphonic acid (OPA) Langmuir-Blodgett films on Si, Al, graphite and mica <u>R.K. Dey</u> , H.-Y. Nie, W.M. Lau, The University of Western Ontario, London/CDN
9393	LMP_A_17.08	Biomaterials engineering	A_17	Application of response surface methodology in biomaterials - optimized polyvinyl alcohol lens-shaped particles for enzyme immobilization M.A.P. Nunes, University of Lisbon/P; P. Fernandes, IBB-CEBQ-IST, Lisbon/P; <u>M.H.L. Ribeiro</u> , University of Lisbon/P
9366	LMP_B_18.09	Materials: affinity and chiral separations	B_18	Small-scale purification of histidine-tagged recombinant proteins using magnetic beads <u>T. Granér</u> , A. Bergh, F. Borg, S. Eriksson, G. Glad, H. Hedlund, U. Hellberg, GE Healthcare, Uppsala/S

9372	LMP_B_18.10	Materials: affinity and chiral separations	B_18	AbSolute™ by Novasep: Innovative high performance protein A media - improvement of antibody capture productivity by 2X to 3X compared with industry standards L. Pegon, M. Holzer, Novasep Process, Pompey/F; Y. Ruland, Novasep Asia, Shanghai/PRC; <u>H. Osuna-Sanchez</u> , Novasep Process, Pompey/F
9351	LMP_B_20.06	Bioanalysis: chemical analysis and bioactivity	B_20	Protein cleavage optimization for the characterization of drug-protein adducts <u>L. Switzar</u> , H. Lingeman, W.M.A. Niessen, M. Giera, H. Irth, VU University Amsterdam/NL
9383	LMP_B_21.04	Bioanalysis: biomarkers	B_21	A comprehensive approach to developing selective and sensitive bioanalytical methods for peptide therapeutics in human plasma <u>D. Rodriguez Cabaleiro</u> , Waters Europe, Guyancourt/F; E. Chambers, J. Wheaton, D. Diehl, Waters Corporation, Milford/USA
9369	LMP_B_23.09	Fundamentals: experimental assessment of chromatographic phenomena	B_23	Large pore ion exchange resins for biochromatography <u>K. Nakamura</u> , S. Masumoto, Tosoh Corporation, Yamaguchi/J
9362	LMP_B_24.12	Biopharmaceuticals	B_24	Enrichment of therapeutic monoclonal antibody variants using ion exchange displacement chromatography <u>T. Zhang</u> , J. Bourret, Y. Kao, T. Cano, Genentech, South San Francisco, CA/USA
9384	LMP_B_24.13	Biopharmaceuticals	B_24	Biomolecule Separations by UPLC-SEC <u>D. Rodriguez Cabaleiro</u> , Waters, Guyancourt/F; E. Bouvier, S. Serpa, N. Brady, K. Wyndham, N. Lawrence, P. Hong, U. Neue, T. Walter, Waters Corporation, Milford/USA
9385	LMP_B_24.14	Biopharmaceuticals	B_24	Manufacturing of an Anticalin® by intracellular soluble expression in <i>E. coli</i> - a case study E. Vasilieva, A. Kern, B. Schöner, <u>M. Zandian</u> , M. Berkemeyer, Boehringer Ingelheim RCV GmbH & Co KG, Vienna/A; G. Matschiner, H.-J. Christian, Pieris AG, Freising-Weihenstephan/D
9376	LMP_B_25.01	Data processing	B_25	Evaluation of chromatographic separations for selective protein quantification based on a multivariate calibration model <u>S. Hansen</u> , J. Hubbuch, Karlsruhe Institute of Technology/D
9353	LMP_C_26.03	Thermodynamics of biomolecules	C_26	Comparing approaches for drug-like molecules solubility calculations F.L. Mota, A.J. Queimada, University of Porto/P; <u>S.P. Pinho</u> , Instituto Politécnico de Bragança, Bragança/P; E.A. Macedo, University of Porto/P

9358	LMP_C_26.04	Thermodynamics of biomolecules	C_26	Microcalorimetrics studies of the thermodynamics and binding mechanism between L-tyrosinamide and aptamer P.-H. Lin, S.-L. Yen, M.-S. Lin, <u>W.-Y. Chen</u> , National Central University, Jhongli/RC
9371	LMP_C_26.05	Thermodynamics of biomolecules	C_26	Thermodynamics of ion pair formations in proteins <u>V. Petrauskas</u> , E. Maksimaviciute, D. Matulis, Institute of Biotechnology, Vilnius/LT
9379	LMP_C_26.06	Thermodynamics of biomolecules	C_26	A calorimetric investigation of cyclodextrins binding to lysozyme <u>G. Rezaei Behbehani</u> , Islamic Azad University, Takestan/IR; A.A. Divsalar, University of Tehran/IR; A. Taherkhani, Islamic Azad University, Takestan/IR
9380	LMP_C_26.07	Thermodynamics of biomolecules	C_26	A calorimetric study of the interaction between mushroom tyrosinase and phenyl dithiocarbamate at two different temperatures M. Mirzaie, Islamic Azad University, Takestan/IR
9359	LMP_C_28.07	Thermodynamics of bioprocesses	C_28	Sequence effect of peptide retention in RP-HPLC by thermodynamics analysis C.-W. Tasi, <u>R.-C. Ruaan</u> , National Central University, Jhongli/RC; C.-I. Liu, Mei-Ho Institute of Technology, Pintung/RC; H.-H. Tsai, National Central University, Jhongli/RC
9382	LMP_C_29.02	Modeling and simulation in biothermodynamics	C_29	Thermodynamic findings regarding the enzymatic hydrolysis of lignocellulosic biomass <u>P. Blomberg</u> , D. Barth, VTT, Espoo/FIN