

Posters communications presented by BERG and/or BSRG members from 2008 - 2011

2011

International Poster Communications 2011

Azevedo, A.M., Gomes, A.G., Borlido, L., Prazeres, D.M.F., Aires-Barros, M.R., "Novel capture step for the purification of human monoclonal antibodies: Phenyl boronate chromatography", 16th International Conference on Biopartitioning and Purification | BPP2011, Puerto Vallarta, Mexico, September 2011

Azevedo, A.M., Lopes, N.S., Gomes, A.G., Borlido, L., Prazeres, D.M.F., Aires-Barros, M.R., "Phenyl boronate chromatography as a new platform in the downstream processing of monoclonal antibodies", 19th Biennial meeting of the International Society for Molecular Recognition | Affinity 2011, Tavira, Portugal, June 2011

Barbosa, H.S.C., Fernandes, T.G., Diogo, M.M., Cabral, J.M.S., "Modeling mouse embryonic stem cell self-renewal at different O₂ levels using a factorial design approach", 9th ISSCR Annual Meeting, Toronto, Canada, June 2011

Bernardes N., Ribeiro A.S., Seruca R., Paredes J., Fialho A.M. "Bacterial protein azurin as a new candidate drug to treat P-cadherin-overexpressing breast cancers" Biomarkers, Greece, 2011

Bessa, A., Madeia, P.P., Ribeiro, L.A., de Barros, D.P.C., Azevedo, A., Aires-Barros, M.R., Reis, C.A., Rodrigues, A.E., Zaslavsky, B.Y., "Solute descriptors for free amino acids obtained by partitioning in ATPS formed by different polymers", 16th International Conference on Biopartitioning and Purification | BPP2011, Puerto Vallarta, Mexico, September 2011

Borlido, L., Azevedo, A.M., Roque, A.C.A., Aires-Barros, M.R., "Feasibility of human antibody purification by boronic acid magnetic particles", 16th International Conference on Biopartitioning and Purification | BPP2011, Puerto Vallarta, Mexico, September 2011

Borlido, L., Azevedo, A.M., Roque, A.C.A., Aires-Barros, M.R., "Ion-exchange purification of human antibodies using negatively charged magnetic particles", 11th International Chemical and Biological Engineering Conference | CHEMPOR 2011, Lisbon, Portugal, September 2011

Cabrilo TR, Teixeira MC, Singh A, Prasad R, Sá-Correia I, The yeast plasma membrane transporter Pdr18 plays a role in sterol composition, conferring multidrug resistance (poster presentation at the MICROBIOTEC'11, 1-3 Dec 2011, Braga, Portugal, PS6:37).

Cabrilo TR, Teixeira MC, Singh A, Prasad R, Sá-Correia I. The yeast plasma membrane transporter Pdr18 plays a role in plasma membrane sterol composition, conferring resistance to the herbicide 2,4-D. (poster presentation at the 8th Lipidomics Meeting "Membranes and Bioactive Lipids", Lyon 26-28 October 2011)

Carvalho, R.Jr., Azevedo, A.M., Cramer, S.M., Aires-Barros, M.R., "Purification of monoclonal antibodies (mAbs) using continuous bed chromatography with cryogel monoliths support", 19th Biennial meeting of the International Society for Molecular Recognition | Affinity 2011, Tavira, Portugal, June 2011

Costa CP, Cabrilo TR, Nunes J, Sá-Correia I, Teixeira MC, The putative drug:H⁺ antiporter encoded by ORF CAGL0G08624g from *Candida glabrata*, confers multidrug resistance in yeast, similarly to its *S. cerevisiae* homolog Qdr2 (Poster presentation at the 25th International Conference on Yeast Genetics and Molecular Biology, 10-16 July 2011, Olsztyn-Kortowo, Poland).

Coutinho CP, Carvalho CCCR, Madeira A, Pinto-de-Oliveira A, Sá-Correia I. "Burkholderia cenocepacia clonal phenotypic variation during long-term colonization of a cystic fibrosis patient lungs", Cellular Microbiology and Pathogenesis, Microbiotec'11, Braga, Portugal, 1-3/12, 2011.

de Barros, D.P.C., Madeia, P.P., Azevedo, A., Reis, C.A., Rodrigues, A.E., Baptista, A.M., Aires-Barros, M.R., "Amino acids partitioning in aqueous two-phase polymer/polymer systems", 19th Biennial meeting of the International Society for Molecular Recognition | Affinity 2011, Tavira, Portugal, June 2011

de Carvalho, C.C.C.R., "Improving the bioremediation abilities of Rhodococcus erythropolis", 15th International Biodeterioration & Biodegradation Symposium | IBBS-15, Wien, Austria, September 2011

Dias PJ, Monteiro PT, Oliveira AL, Freitas AT, Sá-Correia I, Teixeira MC, Insights into the transcription regulatory network controlling the multidrug resistance gene FLR1: a systems biology approach, 25th International Conference on Yeast Genetics and Molecular Biology, Olsztyn-Kortowo, Poland, 2011.

dos Santos, F., Lobato da Silva, C., Andrade, P.Z., Abecasis, M.M., Gimble, J.M., Campbell, A.M., Boucher, S., Roos, E., Kuligowski, S., Chase, L.G., Vemuri, M.C., Cabral, J.M.S., "Clinical grade expansion of human mesenchymal stem cells using a microcarrier-based system under serum-free and xeno-free conditions" 17th International Society for Cellular Therapy Annual Meeting | ISCT, Rotterdam, Netherlands, May 2011

Feliciano J.R., S.A. Sousa, P.F. Pinheiro, J.H. Leitão, "Functional characterization of the BceN protein involved in GDP-D-rhamnose biosynthesis by the Burkholderia cepacia complex". MICROBIOTEC 2011, Braga 1-3 Dezembro, Portugal, 2011

Feliciano, J.R., Sousa, S.A., Pinheiro, P.F., Leitão, J.H., "Functional characterization of the BceN protein involved in GDP-D-rhamnose biosynthesis by the Burkholderia cepacia complex." Microbiotec'11, Braga, Portugal, 1-3 December, 2011.

Fernandes-Platzgummer, A., Diogo, M.M., Lobato da Silva, C., Cabral, J.M.S., "Culture of embryonic stem cells in stirred biorreactors", 2nd ESACT Meeting, Vienna, Austria, May 2011

Ferreira AS, Silva IN, Becker JD, and Moreira LM., "Role of BceF tyrosine kinase in Burkholderia virulence and physiology", Meeting of the Irish Division of Society for General Microbiology, Dublin, Ireland, Poster 10, (2011).

Figueira, J.A., Sato, H.H., Fonseca, L.P., Fernandes, P., "Screening of methods for β -glucosidase immobilization", 9th Congress Carbohydrate Bioengineering Meeting | CBM9, Lisbon, Portugal, May 2011

Gomes, A.G., Azevedo, A.M., Santos, J.A.L., Aires-Barros, M.R., Prazeres, D.M.F., "A novel integrated plasmid purification process based on phenyl-boronate adsorption", 16th International Conference on Biopartitioning and Purification | BPP2011, Puerto Vallarta, Mexico, September 2011

Gomes, A.M.P., Prazeres, D.M.F., Santos, J.A.L., "Plasmid DNA recovery and purification by tangential flow filtration", International Congress on Membranes and Membranes Processes | ICOM2011, Amsterdam, Netherlands, July 2011

Grilo A.M., C.G. Ramos, S.A. Sousa, H. Nadais, J.H. Leitão, "Molecular characterization of microbial populations from UASB reactors treating dairy industry wastewaters". MICROBIOTEC 2011, Braga 1-3 Dezembro, Portugal, 2011

Grilo A.M., C.G. Ramos, S.A. Sousa, L. Arroja, I. Capela, J.H. Leitão, H. Nadais, "Optimizing energy production from wastewater by intermittent operation of anaerobic reactors". 19th European Biomass Conference and Exhibition, 6-10 June, Berlin, Germany, 2011

Grilo, A.M., Ramos, C.G., Sousa, S.A., Arroja, L.G., Capela, I.F., Leitão, J.H., Nadais, H.G., "Optimizing energy production from wastewater by intermittent operation of anaerobic reactors". 19th EUBCE, Berlin, Germany, 6-10 June, 2011.

Grilo, A.M., Ramos, C.G., Sousa, S.A., Nadais, H., Leitão, J.H., "Molecular characterization of microbial populations from UASB reactors treating dairy industry wastewaters." Microbiotec'11, Braga, Portugal, 1-3 December, 2011.

Lourenço N.M.T., Monteiro C.M., Afonso C.A.M., "One-pot enzymatic resolution of sec-alcohols", 10th International Symposium on Biocatalysis | Biotrans 2011, Sicily, Italy, October 2011

Lourenço N.M.T., Rocha, A., "Synthesis of new ionic liquids based on choline moiety", International Conference on Materials and Technologies for Green Chemistry, Tallinn, Estonia, September 2011

Marques, S., Alves, L., Matos, C.T., Roseiro, J.C., Santos, J.A.L., "Development of a membrane-recycle bioreactor for lactic acid production from recycled paper sludge", International Congress on Membranes and Membranes Processes| ICOM2011, Amsterdam, Netherlands, July 2011

Martins, J.D., Tavares, E., Gomes, A.M.P., Prazeres, D.M.F., Santos, J.A.L., "Mechanical cell lysis technique for plasmid DNA release", 8th European Congress of Chemical Engineering/ 1st European Congress of Applied Biotechnology | ECCE & ECAB, Berlin, Germany, September 2011

Martins, S.A.M., Trabuco, J.R.C., Antunes, P., Conde, J.P., Chu, V., Prazeres, D.M.F., "A microfluidic cell-based assay to monitor endogenous GPCR activation", European Lab Automation Congress | ELA 2011, Hamburg, Germany, June-July 2011

Mendes S., A. Farinha, C.G. Ramos, J.H. Leitão, C.A. Viegas, L.O. Martins, "Synergistic action of azoreductase and laccase leads to maximal decolourisation and detoxification of model dye-containing wastewaters", MICROBIOTEC 2011, Braga 1-3 Dezembro, Portugal, 2011

Mil-Homens D. and Fialho A.M. "Identification and characterization of novel multifunctional trimeric autotransporter adhesins in the cystic fibrosis pathogen *Burkholderia cenocepacia*" Gordon Research Conference "Microbial Adhesion & Signal Transduction" Salve Regina University Newport, RI July 24-29, 2011

Mira Nuno P, Andreia Madeira, Pedro Santos, Carla P Coutinho, Ana S Moreira, Ana Pinto-de-Oliveira and Isabel Sá-Correia, "Transcriptomic and proteomic analyses reveal *Burkholderia cenocepacia* adaptive strategies to long-term colonization of the lungs of a cystic fibrosis patient under antimicrobial therapy, Cellular Microbiology and Pathogenesis", Microbiotec'11, Braga, Portugal, 1-3/12, 2011.

Monteiro, C.M., Lourenço, N.M.T., Afonso, C.A.M., "Simple and more sustainable enzymatic resolution-separation of sec-alcohols based on nanofiltration", 10th International Symposium on Biocatalysis | Biotrans 2011, Sicily, Italy, October 2011

Moreira AS, Coutinho CP, Azevedo P, Lito L, Melo-Cristino J, Sá-Correia I. "Pulmonary co-infection by *Burkholderia dolosa* and *Burkholderia cenocepacia* and clonal variation during long-term colonization of a cystic fibrosis patient". Microbiotec'11, Braga, Portugal, 1-3/12, 2011.

Nascimento, K.S., Cavada, B.S., Azevedo, A.M., Aires-Barros, M.R., "Purification of the lectin *Canavalia brasiliensis* (ConBr) using aqueous two-phase extraction: Back-extraction studies", 19th Biennial meeting of the International Society for Molecular Recognition | Affinity 2011, Tavira, Portugal, June 2011

Novo, P., Moulas, G., Chu, V., Prazeres, D.M.F., Conde, J.P., "Lab-on-a-Chip ochratoxin a detection using competitive ELISA in microfluidics with integrated photodiode signal acquisition", Eurosensors XXV, Athens, Greece, September 2011

Oliveira, P.H., Boura, J.S., Abecasis, M.M., Gimble, J., da Silva, C.L., Cabral, J.M.S., "An appraisal of genetic stability during the ex-vivo expansion of human mesenchymal stem cells", 11th International Symposium on Mutations in the Genome, Santorini, Greece, June 2011

Oliveira, P.H., da Silva, C.L., Cabral, J.M.S., "Unusual DNA structures and instability motifs correlate with human mitochondrial deletion breakpoints involved in genetic disorders and cancer", 11th International Symposium on Mutations in the Genome, Santorini, Greece, June 2011

Ramos C.G., J.H. Leitão, "The cis-encoded h2cR small non-coding RNA of *Burkholderia cenocepacia* J2315 is a post-transcriptional negative regulator of hfq2". MICROBIOTEC 2011, 1-3 Dezembro, Braga, Portugal, 2011

Rodrigues, C.A.V., Diogo, M.M., Lobato da Silva, C., Cabral, J.M.S., "Scaling-up the expansion of mouse embryonic stem cell-derived neural stem cells in stirred bioreactors", 9th Annual Meeting | ISSCR, Toronto, Canada, June 2011

Santos MR, Marques AT, Moreira LM., "New molecular determinants of the symbiosis between *Sinorhizobium meliloti* and *Medicago sativa*", MicroBiotec'11, Braga, Portugal, PS9:13, (2011).

Santos MR, Marques AT, Moreira LM., "Role of the Cpx two-component regulatory system and a MFS transporter in the symbiosis between *Sinorhizobium meliloti* and leguminous plants", 17th International Congress on Nitrogen Fixation, Fremantle, Australia, P14, (2011).

Silva, I.N., Ferreira, A.S., Tavares, A.C., Moreira, L.M., "Mucoïd morphotype variation of *Burkholderia multivorans* during chronic persistence in the airways of cystic fibrosis patients", Microbiotec'11, Braga, Portugal, December (2011);

Sousa S.A., L. Pereira, J.R. Feliciano, C. Frazão, J.H. Leitão, "Type II phosphomannose isomerase BceA as a new target for the development of new antimicrobials against *Burkholderia cepacia* complex bacteria". 4th Congress of European Microbiologists FEMS 2011, 25-30 June Geneve, Switzerland, 2011

Sousa S.A., L. Pereira, J.R. Feliciano, C. Frazão, J.H. Leitão, "Exploiting the type II phosphomannose isomerase BceA as a target for the development of new antimicrobials against *Burkholderia cepacia* complex bacteria", MICROBIOTEC 2011, Braga 1-3 Dezembro, Portugal, 2011

Sousa, A.F., Pirzgalska, R.M., Galhoz, T.M., Andrade, P.Z., Azevedo, A.M., da Silva, C.L., Aires-Barros, M.R., Cabral, J.M.S., "Novel selection method for human hematopoietic stem cell isolation", 19th Biennial meeting of the International Society for Molecular Recognition | Affinity 2011, Tavira, Portugal, June 2011

Sousa, S.A., Pereira, L., Feliciano, J.R., Frazão, C., Leitão, J.H., "Exploiting the type II phosphomannose isomerase BceA as a target for the development of new antimicrobials against *Bcc* bacteria." Microbiotec'11, Braga, Portugal, 1-3 December, 2011.

Sousa, S.A., Pereira, L., Feliciano, J.R., Frazão, C., Leitão, J.H., "Type II phosphomannose isomerase BceA as a new target for the development of new antimicrobials against *Burkholderia cepacia* complex bacteria." 4rd Congress of European Microbiologists (FEMS 2011), Genève, Switzerland, 25–30 June, 2011.

Székely, G., Bandarra, J., Heggie, W., Ferreira, F., Sellergren, B., "Molecularly imprinted polymers and organic solvent nanofiltration – A hybrid process for removal of 1,3-diisopropylurea impurity from Active Pharmaceutical Ingredients", 19th Biennial meeting of the International Society for Molecular Recognition | Affinity 2011, Tavira, Portugal, June 2011

Székely, G., Bandarra, J., Heggie, W., Sellergren, B., Ferreira, F., "Organic solvent nanofiltration for removal of genotoxins from active pharmaceutical ingredient", International conference of membranes and membrane processes | ICOM, Amsterdam, Netherlands, July 2011

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Barbosa, H.S.C., Fernandes, T.G., Dias, T.P., Diogo, M.M., Cabral, J.M.S., "A factorial design approach for modeling mouse embryonic stem cell self-renewal at different O₂ levels", 4th Joint National Congress of Microbiology and Biotechnology | Microbiotec11, Braga, Portugal, December 2011

Bernardes N, Ribeiro AS, Mota B, Matos RG, Arraiano CM, Seruca R, Paredes J and Fialho AM. Bacterial protein azurin as a new candidate drug to treat P-cadherin overexpressing breast cancer cells. 2nd I3S Scientific Retreat, Póvoa de Varzim, 5-6 May 2011

Boura, J.S., dos Santos, F., Gimble, J.M., Cardoso, C., Madeira, C., Cabral, J.M.S., da Silva, L. C., "Non-viral gene delivery to mesenchymal stem cells of human sources using cationic liposomes", 6th International Meeting of the Portuguese Society for Stem Cells and Cellular Therapy | SPCE-TC, Cantanhede, Portugal, April 2011

Carvalho M.F.N.N., P.F. Pinheiro, J.H. Leitão, J.R. Feliciano, "First insights into the biological activity of camphor type species". XXII Encontro Nacional da SPQ - 100 Anos de Química em Portugal, Braga 3-6 July, Portugal, 2011

Coutinho C.P., Sarraguça M.C., Sarraguça J.M., Soares L.M., Miranda M., Guiomar R., Machado J., Preisner O.E., Sá-Correia I., Menezes J.C., Lopes J.A., "Fourier-Transform Infrared Spectroscopy in Bacteriology", Encontro Nacional REQUIMTE, Fátima, Portugal, 13/1-14/1, 2011.

Coutinho, C.P., de Carvalho, C.C.C.R., Madeira, A., Pinto-de-Oliveira, A., Sá-Correia, I., "Burkholderia cenocepacia clonal phenotypic variation during long-term colonization of a cystic fibrosis patient lungs", 4th Joint National Congress of Microbiology and Biotechnology | Microbiotec11, Braga, Portugal, December 2011

Cunha R, Silva IN, Ferreira AS, Moreira LM., "Biofilm formation and protein-protein interaction within the exopolysaccharide biosynthetic enzymes of Burkholderia cepacia complex isolates", Jornadas de Engenharia Química e Biológica 2011, IST, Lisboa, Portugal, (2011).

Fernandes, T.G., Rodrigues, C.A.V., Miranda, C.C., Diogo, M.M., Cabral, J.M.S., "Towards fully defined culture systems for human induced pluripotent stem cell expansion", 6th International Meeting of the Portuguese Society for Stem Cells and Cell Therapy | SPCE-TC, Cantanhede, Portugal, April 2011

Ferreira, A.S., Silva, I.N., Becker, J.D., Moreira, L.M., "Role of tyrosine phosphorylation in the regulation of Burkholderia cell physiology", Bioengineering (ENBENG) 1st Portuguese Meeting, Oeiras, Portugal, March (2011).

Madeira A., Mira N.P., Santos P.M., Coutinho C.P., Pinto-de-Oliveira A., Moreira A.S., Roma-Rodrigues C., Sá-Correia I., "OMICS approaches to reveal Burkholderia cenocepacia adaptive strategies to long-term residence in the lungs of cystic fibrosis patients under antibiotic therapy", 1st Portuguese Meeting in Bioengineering, Portuguese chapter of IEEE EMBS, Oeiras, Portugal, 1-4/03, 2011.

Monteiro, M.E., Raiado-Pereira, L., Mateus, M., Prazeres, D.M.F., "Design of a liposome-based chromatographic membrane and its use for final plasmid DNA purification from Escherichia coli lysate contaminants", 4th Joint National Congress of Microbiology and Biotechnology | Microbiotec11, Braga, Portugal, December 2011

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Aguiar-Oliveira, E., Fernandes, P., Cabral, J.M.S., Maugeri, F., "Characterization of invertase from baker's yeast and inulinase from Aspergillus niger immobilized in an inorganic solid-acid support", 8th European Symposium on Biochemical Engineering Science | ESBES, Bologna, Italy, September 2010

Andrade, P.Z., dos Santos, F., Almeida-Porada, G., da Silva, C.L., Cabral, J.M.S., "Towards optimal culture conditions for the ex-vivo expansion of umbilical cord blood hematopoietic stem/progenitor cells, SBE's 2nd International Conference on Stem Cell Engineering, Boston, USA, May 2010

André, C., Amaro, C., Castanheira, I., Mateus, M., Bordado, J., "UPLC-MS/MS method to determine primary aromatic amines from agglomerated cork stoppers", European Federation of Food Science & Technology Annual Meeting (Food and Health) | EFFoST 2010, Dublin, Ireland, November 2010

Azevedo, A.M., Gomes, A.G., Borlido, L., Prazeres, D.M.F., Aires-Barros, M.R., "Capture of human monoclonal antibodies from cell culture supernatants by phenyl boronate chromatography", 30th International Symposium on the Separation of Proteins, Peptides and Polynucleotides | ISPPP, Bologna, Italy, September 2010

Badenes, S.M., Lemos, F., Cabral, J.M.S., "Enzymatic continuous production of biodiesel in a membrane bioreactor", 8th European Symposium on Biochemical Engineering Science | ESBES, Bologna, Italy, September 2010

Borlido, L., Azevedo, A.M., Hussain, A., Roque, A.C.A., Aires-Barros, M.R., "Purification of human antibodies using gum arabic coated magnetic particles", 8th European Symposium on Biochemical Engineering Science | ESBES, Bologna, Italy, September 2010

de Carvalho, C.C.C.R., "Adaptation of bacteria to extreme conditions: can we create extremophiles?", 8th European Symposium on Biochemical Engineering Science | ESBES, Bologna, Italy, September 2010

de Carvalho, C.C.C.R., "Production of energy with Rhodococcus cells", 8th European Symposium on Biochemical Engineering Science | ESBES, Bologna, Italy, September 2010

de la Vega, J., Monteiro, G.A., Prazeres, D.M.F., "Impact of downstream processing on transient transfection of chinese hamster ovary cells", 8th European Symposium on Biochemical Engineering Science | ESBES, Bologna, Italy, September 2010

Dias PJ, Teixeira MC, Santos PM, Telo JP, Lourenço AB, Sá-Correia I, Mechanistic insights into the response and resistance to the agricultural fungicide mancozeb using Omics approaches, 4th Conference on Physiology of Yeast and Filamentous Fungi (PYFF4), Rotterdam, Netherlands, 1-4 June, 2010.

Dias PJ, Teixeira MC, Santos PM, Telo JP, Lourenço AB, Sá-Correia I, Mechanistic insights into the response and resistance to the agricultural fungicide mancozeb using Omics approaches (oral presentation at the 4th Conference on Physiology of Yeast and Filamentous Fungi, 1-4 June 2010, Rotterdam, The Netherlands (Book of Abstracts page 36)).

dos Santos, F., Andrade, P.Z., Abecasis, M.M., Gimble, J., da Silva C.L., Cabral, J.M.S., "Ex-vivo expansion of human mesenchymal stem cells on microcarriers under low serum and serum-free culture conditions", SBE's 2nd International Conference on Stem Cell Engineering, Boston, USA, May 2010

Fernandes, T.G., Diogo, M.M., Fernandes-Platzgummer, A.M., da Silva, C.L., Cabral, J.M.S., "Different stages of pluripotency determine distinct patterns of proliferation, metabolism and lineage commitment of embryonic stem cells under hypoxia", International Scientific Symposium: "Stem Cells in Biology and Disease", Lisboa, Portugal, May 2010

Fernandes-Platzgummer, A., Diogo, M.M., da Silva, C.L., Cabral, J.M.S., "Scale-up of mouse embryonic stem cell expansion: from spinner-flask to a fully controlled bioreactor", SBE's 2nd International Conference on Stem Cell Engineering, Boston, USA, May 2010

Ferreira, A.S., Silva, I.N., Becker, J.D., Cunha, R.M.S., Mil-Homens, D., Fialho, A.M., Moreira, L.M., "Mucoïd phenotype switch in Burkholderia multivorans during chronic pulmonary infection in patients with cystic fibrosis", EMBO conference series: At the joint edge of cellular microbiology & cell biology, Krakow, Poland, (2010)

Ferreira, I.F., de Carvalho, C.C.C.R., Wang, D.I.C., Aires-Barros, M.R., "Desulfurization of crude oil compounds by Rhodococcus erythropolis cells in biphasic media", 8th European Symposium on Biochemical Engineering Science | ESBES, Bologna, Italy, September 2010

Gomes, A.G., Azevedo, A.M., Santos, J.A.L., Aires-Barros, M.R., Prazeres, D.M.F., "A novel integrated plasmid purification process based on phenyl-boronate adsorption", 30th International Symposium on the Separation of Proteins, Peptides and Polynucleotides | ISPPP, Bologna, Italy, September 2010

Gomes, A.G., Raiado-Pereira, L., Azevedo, A.M., Aires-Barros, M.R., Prazeres, D.M.F., Mateus, M., "Phenyl-boronate membrane affinity chromatography as an approach to purify plasmid DNA", 8th European Symposium on Biochemical Engineering Science | ESBES, Bologna, Italy, September 2010

Lopes, G.A., Prazeres, D.M.F., Monteiro, G.A., Prather, K.L.J., "IS2 Insertions in a pVAX1-based plasmid, hosted in DH5 α grown under different conditions", Boston Bacterial Meeting, Boston, USA, June 2010

Madeira A., Santos P.M., Coutinho C.P., Pinto-de-Oliveira A., Sá-Correia I., "Molecular strategies employed by Burkholderia cenocepacia to adapt to the airways of cystic fibrosis patients under antimicrobial therapy, as revealed by quantitative proteomics", EMBO/FEBS Lecture Course 'Host-Microbes Interactions' (organizers: P. COSSART and R. KOLTER , 1-9 Set, 2010, Spetses, Grécia.

Marques, M.P.C., Fernandes, P., "Miniature bioreactors for inulin hydrolysis", 8th European Symposium on Biochemical Engineering Science | ESBES, Bologna, Italy, September 2010

Marques, M.P.C., Fernandes, P., de Carvalho, C.C.C.R., "Lab-scale bioproduction of siderophores", 14th International Biotechnology Symposium and Exhibition Biotechnology for the Sustainability of Human Society | IBS 2010, Rimini, Italy, September 2010

Marques, M.P.C., Fernandes, P., de Carvalho, C.C.C.R., "Siderophores: from strain screening to lab-scale production", 8th European Symposium on Biochemical Engineering Science | ESBES, Bologna, Italy, September 2010

Mil-Homens D., Fialho A.M. "Identification of novel adhesins as key virulence determinants in Burkholderia cenocepacia" 110th American Society of Microbiology, San Diego, CA, USA, May 23-27, 2010

Mira, N.P., Palma, M., Keller, G., Becker, J., Winge, D. R. and Sá-Correia, I., Haa1p-mediated response and resistance of Saccharomyces cerevisiae to acetic acid. Physiology of Yeast and Filamentous Fungi, Rotterdam, Netherlands, 1-4 June 2010

Monteiro PT, Dias PJ, Ropers D, Oliveira AL, Sá-Correia I, Teixeira MC, Freitas AT, Computational modeling and analysis of the Yeast FLR1 Regulatory Network in Mancozeb-challenged Cells, 11th International Conference on Systems Biology, Edinburgh, 10-15 October.

Monteiro PT, Dias PJ, Ropers D, Oliveira AL, Sá-Correia I, Teixeira MC, Freitas AT (2010). Computational modeling and analysis of the yeast FLR1 regulatory network in mancozeb-challenged cells, 11th International Conference on Systems Biology (ICSB'10), Edinburgh, Scotland, UK.

Nascimento, K.S., Cavada, B.S., Azevedo, A.M., Aires-Barros, M.R., "Potential application of PEG600-phosphate aqueous two-phase systems in the purification of Leguminosae family lectins", 8th European Symposium on Biochemical Engineering Science | ESBES, Bologna, Italy, September 2010

Nunes, M.A.P., Afonso, A.I., Fernandes, P., Ribeiro, M.H.L., "A novel encapsulation method for naringinase in different-shaped particles of alginate, polyvinyl alcohol and polyvinyl alcohol-alginate hydrogels", 8th European Symposium on Biochemical Engineering Science | ESBES, Bologna, Italy, September 2010

Nunes, M.A.P., Fernandes, P., Ribeiro, M.H.L., "Application of response surface methodology in biomaterials – optimized polyvinyl alcohol lens-shaped particles for enzyme immobilization", 8th European Symposium on Biochemical Engineering Science | ESBES, Bologna, Italy, September 2010

Oliveira, P.H., Prather, J.K., Prazeres, D.M.F., Monteiro, G.A., "Genome-wide analysis of DNA repeats in bacterial plasmids identifies genetically unstable hotspots and candidate regions for minimization", 30th International Symposium on the Separation of Proteins, Peptides and Polynucleotides | ISPPP, Bologna, Italy, September 2010

Raiado-Pereira, L., Prazeres, D.M.F., Mateus, M., "Fundamental analysis of HIC membrane adsorbers for purification of plasmid DNA", 8th European Symposium on Biochemical Engineering Science | ESBES, Bologna, Italy, September 2010

Ramos C.G., J.H. Leitão, "Regulatory hierarchy: Hfq orchestrates hfq2 expression in Burkholderia cenocepacia J2315". The Non Coding Genome EMBO-EMBL Symposium, 13-16 October, Heidelberg, Germany, 2010

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