



## Author Index Vol. 818

- Acampora, A., see Basilicata, P. 818(2005)293
- Aguiar, M., Gibbs, B.F. and Massé, R.  
Sensitive capillary chromatography mass spectrometric methods for the determination of salcatonin in human biological matrices 818(2005)301
- Anil, A., Pandit, R., Indap, M. and Lali, A.  
One step flow-through adsorptive purification of tubulin from tissue homogenate 818(2005)83
- Araki, K., Maruyama, T., Kamiya, N. and Goto, M.  
Metal ion-selective membrane prepared by surface molecular imprinting 818(2005)141
- Ariniemi, K., see Gunnar, T. 818(2005)175
- Arundell, M., see Patel, B.A. 818(2005)269
- Atsumi, R., see Oguma, T. 818(2005)249
- Bagheri, H., Es-haghi, A. and Rouini, M.-R.  
Sol-gel-based solid-phase microextraction and gas chromatography-mass spectrometry determination of dextromethorphan and dextrorphan in human plasma 818(2005)147
- Bartalis, J. and Halaweh, F.T.  
Relationship between cucurbitacins reversed-phase high-performance liquid chromatography hydrophobicity index and basal cytotoxicity on HepG2 cells 818(2005)159
- Basilicata, P., Miraglia, N., Pieri, M., Acampora, A., Soleo, L. and Sannolo, N.  
Application of the standard addition approach for the quantification of urinary benzene 818(2005)293
- Bauer, S., Mwinyi, J., Stoeckle, A., Gerloff, T. and Roots, I.  
Quantification of pravastatin in human plasma and urine after solid phase extraction using high performance liquid chromatography with ultraviolet detection 818(2005)257
- Bhattacharyya, D., see Chakraborty, P.D. 818(2005)67
- Björnstedt, R., see Strömberg, P. 818(2005)11
- Bonato, P.S., see de Oliveira, A.R.M. 818(2005)285
- Boschetti, E., see Brenac, V. 818(2005)61
- Breen, D., see Cordoba, A.J. 818(2005)115
- Brenac, V., Ravault, V., Santambien, P. and Boschetti, E.  
Capture of a monoclonal antibody and prediction of separation conditions using a synthetic multimodal ligand attached on chips and beads 818(2005)61
- Bérot, S., Compoint, J.P., Larré, C., Malabat, C. and Guéguen, J.  
Large scale purification of rapeseed proteins (*Brassica napus* L.) 818(2005)35
- Busnel, J.-M., Hennion, M.-C. and Peltre, G.  
Carrier ampholytes as potential buffers in electrophoresis: physico-chemical study 818(2005)99
- Butelman, E.R., see Schmidt, M.S. 818(2005)221
- Cabanne, C., Noubhani, A.M., Hocquellet, A., Dole, F., Dieryck, W. and Santarelli, X.  
Purification and on-column refolding of EGFP overexpressed as inclusion bodies in *Escherichia coli* with expanded bed anion exchange chromatography 818(2005)23
- Cansever, M.Ş. and Erim, F.B.  
Determination of urinary succinylacetone by capillary electrophoresis for the diagnosis of tyrosinemia type I 818(2005)309
- Cesarino, E.J., see de Oliveira, A.R.M. 818(2005)285
- Chakraborty, P.D. and Bhattacharyya, D.  
Isolation of fibronectin type III like peptide from human placental extract used as wound healer 818(2005)67
- Chang, S.-Y., see Sim, J.-S. 818(2005)133
- Chase, H.A.  
From nanoseparations to macropurifications (Editorial) 818(2005)3
- Cheng, R., see Zhang, W. 818(2005)227
- Cho, S.Y., see Sim, J.-S. 818(2005)133
- Choi, D.W., see Sim, J.-S. 818(2005)133
- Chun, I.K., see Gwak, H.S. 818(2005)109
- Cicci, D., see Oguma, T. 818(2005)249
- Clofent-Sánchez, G., see Robert, R. 818(2005)43
- Compoint, J.P., see Bérot, S. 818(2005)35
- Cordoba, A.J., Shyong, B.-J., Breen, D. and Harris, R.J.  
Non-enzymatic hinge region fragmentation of antibodies in solution 818(2005)115
- Créminon, C., see Todorova-Balvay, D. 818(2005)75
- Dadashzadeh, S., see Derakhshandeh, K. 818(2005)199
- Dadashzadeh, S., see Vali, A.M. 818(2005)205
- de Lamotte, F.  
Single step purification of a series of wheat recombinant proteins with expanded bed absorption chromatography 818(2005)29
- de Oliveira, A.R.M., Cesarino, E.J. and Bonato, P.S.  
Solid-phase microextraction and chiral HPLC analysis of ibuprofen in urine 818(2005)285
- Derakhshandeh, K. and Dadashzadeh, S.  
Liquid chromatographic quantitation of the lactone and the total of lactone and carboxylate forms of 9-nitrocamptothecin in human plasma 818(2005)199
- Deshmukh, N.R. and Lali, A.M.  
Adsorptive purification of pDNA on superporous rigid cross-linked cellulose matrix 818(2005)5
- Dieryck, W., see Cabanne, C. 818(2005)23
- Dole, F., see Cabanne, C. 818(2005)23
- Du, L., see Xu, Y. 818(2005)241
- Erim, F.B., see Cansever, M.Ş. 818(2005)309
- Es-haghi, A., see Bagheri, H. 818(2005)147
- Fu, I., see Xu, Y. 818(2005)241
- Gaudette, F., see Oguma, T. 818(2005)249
- Gauthier-Dubois, G., see Oguma, T. 818(2005)249
- Gerloff, T., see Bauer, S. 818(2005)257
- Gibbs, B.F., see Aguiar, M. 818(2005)301
- Goto, M., see Araki, K. 818(2005)141
- Grabnar, I., see Locatelli, I. 818(2005)191

- Grassi, J., see Todorova-Balvay, D. 818(2005)75
- Guéguen, J., see Bérot, S. 818(2005)35
- Guilbaud, R., see Oguma, T. 818(2005)249
- Gunnar, T., Ariniemi, K. and Lillsunde, P.  
Determination of 14 benzodiazepines and hydroxy metabolites, zaleplon and zolpidem as *tert*-butyldimethylsilyl derivatives compared with other common silylating reagents in whole blood by gas chromatography–mass spectrometry 818(2005)175
- Gwak, H.S., Noh, E.S., Lee, N.Y. and Chun, I.K.  
Determination of amosulalol in human plasma using solid-phase extraction combined with liquid chromatography and ultraviolet detection 818(2005)109
- Haddad, N.I.A. and Yuan, Q.  
Purification and some properties of Cu,Zn superoxide dismutase from *Radix lethospermi* seed, kind of Chinese traditional medicine 818(2005)123
- Halaweish, F.T., see Bartalis, J. 818(2005)159
- Harding, W., see Schmidt, M.S. 818(2005)221
- Harris, R.J., see Cordoba, A.J. 818(2005)115
- Hennion, M.-C., see Busnel, J.-M. 818(2005)99
- Ho, P.C., see Moaddel, R. 818(2005)263
- Ho, S.-T., see Liu, S.-Y. 818(2005)233
- Hocquellet, A., see Cabanne, C. 818(2005)23
- Hommerding, J., see Subramanian, A. 818(2005)89
- Hsu, C.-P., see Moaddel, R. 818(2005)263
- Indap, M., see Anil, A. 818(2005)83
- Jacobin, M.-J., see Robert, R. 818(2005)43
- Jain, M., see Singh, S.S. 818(2005)213
- Jiang, X.-l., see Xie, H.-T. 818(2005)167
- Jin, L.-T., see Zhang, W. 818(2005)227
- Jun, G., see Sim, J.-S. 818(2005)133
- Kamiya, N., see Araki, K. 818(2005)141
- Kim, Y.S., see Sim, J.-S. 818(2005)133
- Kmetec, V., see Locatelli, I. 818(2005)191
- Kreek, M.J., see Schmidt, M.S. 818(2005)221
- Kuei, C.-H., see Liu, S.-Y. 818(2005)233
- Lakhiai, H. and Muller, D.  
Purification of IgG and insulin on supports grafted by sialic acid developing “thiophilic-like” interactions 818(2005)53
- Lali, A., see Anil, A. 818(2005)83
- Lali, A.M., see Deshmukh, N.R. 818(2005)5
- Larré, C., see Bérot, S. 818(2005)35
- Lee, B.L., Ong, H.Y., Ong, Y.B. and Ong, C.N.  
A sensitive liquid chromatographic method for the spectrophotometric determination of urinary trans,trans-muconic acid 818(2005)277
- Lee, N.Y., see Gwak, H.S. 818(2005)109
- Li, H., see Xie, H.-T. 818(2005)167
- Lillsunde, P., see Gunnar, T. 818(2005)175
- Linhardt, R.J., see Sim, J.-S. 818(2005)133
- Liu, K.-S., see Liu, S.-Y. 818(2005)233
- Liu, S.-Y., Liu, K.-S., Kuei, C.-H., Tzeng, J.-I., Ho, S.-T. and Wang, J.-J.  
Simultaneous determination of buprenorphine and its prodrug, buprenorphine propionate, by high-performance liquid chromatography with fluorescence detection: application to pharmacokinetic studies in rabbits 818(2005)233
- Locatelli, I., Kmetec, V., Mrhar, A. and Grabnar, I.  
Determination of warfarin enantiomers and hydroxylated metabolites in human blood plasma by liquid chromatography with achiral and chiral separation 818(2005)191
- Lohray, B., see Singh, S.S. 818(2005)213
- Malabat, C., see Bérot, S. 818(2005)35
- Maruyama, T., see Araki, K. 818(2005)141
- Massé, R., see Aguiar, M. 818(2005)301
- Merlin, G., see Sahin, A. 818(2005)19
- Miraglia, N., see Basilicata, P. 818(2005)293
- Moaddel, R., Yamaguchi, R., Ho, P.C., Patel, S., Hsu, C.-P., Subrahmanyam, V. and Wainer, I.W.  
Development and characterization of an immobilized human organic cation transporter based liquid chromatographic stationary phase 818(2005)263
- Mrhar, A., see Locatelli, I. 818(2005)191
- Muller, D., see Lakhiai, H. 818(2005)53
- Murry, D.J., see Schmidt, M.S. 818(2005)221
- Musson, D.G., see Xu, Y. 818(2005)241
- Mwinyi, J., see Bauer, S. 818(2005)257
- Noh, E.S., see Gwak, H.S. 818(2005)109
- Noubhani, A.M., see Cabanne, C. 818(2005)23
- Noubhani, A.M., see Robert, R. 818(2005)43
- Oguma, T., Cicci, D., Gaudette, F., Gauthier-Dubois, G., Guilbaud, R. and Atsumi, R.  
Validation study of a method for assaying DE-310, a macromolecular carrier conjugate containing an anti-tumor camptothecin derivative, and the free drug in human plasma by HPLC and LC/MS/MS 818(2005)249
- O'Hare, D., see Patel, B.A. 818(2005)269
- Ong, C.N., see Lee, B.L. 818(2005)277
- Ong, H.Y., see Lee, B.L. 818(2005)277
- Ong, Y.B., see Lee, B.L. 818(2005)277
- Pandit, R., see Anil, A. 818(2005)83
- Parker, K.H., see Patel, B.A. 818(2005)269
- Patel, B.A., Arundell, M., Parker, K.H., Yeoman, M.S. and O'Hare, D.  
Simple and rapid determination of serotonin and catecholamines in biological tissue using high-performance liquid chromatography with electrochemical detection 818(2005)269
- Patel, S., see Moaddel, R. 818(2005)263
- Peltre, G., see Busnel, J.-M. 818(2005)99
- Pieri, M., see Basilicata, P. 818(2005)293
- Prisinzano, T.E., see Schmidt, M.S. 818(2005)221
- Ravault, V., see Brenac, V. 818(2005)61
- Robert, R., Noubhani, A.M., Jacobin, M.-J., Santarelli, X. and Clofent-Sánchez, G.  
Improvement in production and purification bioprocesses of bacterially expressed anti-alphaIIbeta3 human single-chain FV antibodies 818(2005)43
- Roots, I., see Bauer, S. 818(2005)257
- Rose, M.J., see Xu, Y. 818(2005)241
- Rotticci-Mulder, J., see Strömberg, P. 818(2005)11
- Rouini, M.-R., see Bagheri, H. 818(2005)147
- Sahin, A., Tetaud, E., Merlin, G. and Santarelli, X.  
*LdARL-1* His-tagged recombinant protein: purification by immobilized metal affinity expanded bed adsorption 818(2005)19
- Sannolo, N., see Basilicata, P. 818(2005)293
- Santambien, P., see Brenac, V. 818(2005)61
- Santarelli, X.  
Preface 818(2005)1
- Santarelli, X., see Cabanne, C. 818(2005)23
- Santarelli, X., see Robert, R. 818(2005)43
- Santarelli, X., see Sahin, A. 818(2005)19
- Schmidt, M.S., Prisinzano, T.E., Tidgewell, K., Harding, W., Butelman, E.R., Kreek, M.J. and Murry, D.J.  
Determination of Salvinorin A in body fluids by high performance liquid chromatography–atmospheric pressure chemical ionization 818(2005)221

- Schmidt, S.R., see Strömberg, P. 818(2005)11  
 Shafaghi, B., see Vali, A.M. 818(2005)205  
 Shah, B., see Singh, S.S. 818(2005)213  
 Shah, R., see Singh, S.S. 818(2005)213  
 Sharma, K., see Singh, S.S. 818(2005)213  
 Shyong, B.-J., see Cordoba, A.J. 818(2005)115  
 Sim, J.-S., Jun, G., Toida, T., Cho, S.Y., Choi, D.W., Chang, S.-Y., Linhardt, R.J. and Kim, Y.S.  
     Quantitative analysis of chondroitin sulfate in raw materials, ophthalmic solutions, soft capsules and liquid preparations 818(2005)133  
 Simon, S., see Todorova-Balvay, D. 818(2005)75  
 Singh, S., see Singh, S.S. 818(2005)213  
 Singh, S.S., Jain, M., Sharma, K., Shah, B., Vyas, M., Thakkar, P., Shah, R., Singh, S. and Lohray, B.  
     Quantitation of itopride in human serum by high-performance liquid chromatography with fluorescence detection and its application to a bioequivalence study 818(2005)213  
 Soleo, L., see Basilicata, P. 818(2005)293  
 Srikrishnan, T., see Todorova-Balvay, D. 818(2005)75  
 Stoeckle, A., see Bauer, S. 818(2005)257  
 Strömberg, P., Rotticci-Mulder, J., Björnstedt, R. and Schmidt, S.R.  
     Preparative parallel protein purification (P4) 818(2005)11  
 Subrahmanyam, V., see Moaddel, R. 818(2005)263  
 Subramanian, A. and Hommerding, J.  
     The use of confocal laser scanning microscopy to study the transport of biomacromolecules in a macroporous support 818(2005)89  
 Sun, J.-G., see Xie, H.-T. 818(2005)167  
 Tetaud, E., see Sahin, A. 818(2005)19  
 Thakkar, P., see Singh, S.S. 818(2005)213  
 Tidgewell, K., see Schmidt, M.S. 818(2005)221  
 Todorova-Balvay, D., Simon, S., Crémillon, C., Grassi, J., Srikrishnan, T. and Vijayalakshmi, M.A.  
     Copper binding to prion octarepeat peptides, a combined metal chelate affinity and immunochemical approaches 818(2005)75  
 Toida, T., see Sim, J.-S. 818(2005)133  
 Tucker, I., see Xie, H.-T. 818(2005)167  
 Tzeng, J.-I., see Liu, S.-Y. 818(2005)233  
 Vali, A.M., Shafaghi, B. and Dadashzadeh, S.  
     Simple and sensitive high performance liquid chromatographic method for the simultaneous quantitation of the lactone and carboxylate forms of topotecan in human plasma 818(2005)205  
 Vijayalakshmi, M.A., see Todorova-Balvay, D. 818(2005)75  
 Vyas, M., see Singh, S.S. 818(2005)213  
 Wainer, I.W., see Moaddel, R. 818(2005)263  
 Wan, F., see Zhang, W. 818(2005)227  
 Wang, G.-J., see Xie, H.-T. 818(2005)167  
 Wang, J.-J., see Liu, S.-Y. 818(2005)233  
 Wang, R., see Xie, H.-T. 818(2005)167  
 Wang, W., see Xie, H.-T. 818(2005)167  
 Woolf, E.J., see Xu, Y. 818(2005)241  
 Xie, H.-T., Wang, G.-J., Sun, J.-G., Tucker, I., Zhao, X.-C., Xie, Y.-Y., Li, H., Jiang, X.-I., Wang, R., Xu, M.-J. and Wang, W.  
     High performance liquid chromatographic-mass spectrometric determination of ginsenoside Rg3 and its metabolites in rat plasma using solid-phase extraction for pharmacokinetic studies 818(2005)167  
 Xie, Y.-Y., see Xie, H.-T. 818(2005)167  
 Xu, H., see Zhang, W. 818(2005)227  
 Xu, M.-J., see Xie, H.-T. 818(2005)167  
 Xu, Y., Du, L., Rose, M.J., Fu, I., Woolf, E.J. and Musson, D.G.  
     Concerns in the development of an assay for determination of a highly conjugated adsorption-prone compound in human urine 818(2005)241  
 Yamaguchi, R., see Moaddel, R. 818(2005)263  
 Ye, X., see Zhang, W. 818(2005)227  
 Yeoman, M.S., see Patel, B.A. 818(2005)269  
 Yuan, Q., see Haddad, N.I.A. 818(2005)123  
 Zhang, W., Wan, F., Zhu, W., Xu, H., Ye, X., Cheng, R. and Jin, L.-T.  
     Determination of glutathione and glutathione disulfide in hepatocytes by liquid chromatography with an electrode modified with functionalized carbon nanotubes 818(2005)227  
 Zhao, X.-C., see Xie, H.-T. 818(2005)167  
 Zhu, W., see Zhang, W. 818(2005)227