



## Author Index Vol. 817

- Abdel-Rehim, M., see Vita, M. 817(2005)303  
Abou-Auda, H.S., see Alkharfy, K.M. 817(2005)183  
Abou-Shaabani, R.R., see Alkharfy, K.M. 817(2005)183  
AbuRuz, S., Millership, J. and McElnay, J.  
The development and validation of liquid chromatography method for the simultaneous determination of metformin and glipizide, gliclazide, glibenclamide or glimperide in plasma 817(2005)277  
Ahmadiani, A., see Amini, H. 817(2005)193  
Albertoni, F., see Fotoohi, K. 817(2005)139  
Al-Hadiya, B.M., see Alkharfy, K.M. 817(2005)183  
Alkharfy, K.M., Khan, R.M.A., Al-Hadiya, B.M., Abou-Auda, H.S. and Abou-Shaabani, R.R.  
Liquid chromatographic assay of abouthiouzine in plasma and its application to pharmacokinetic studies 817(2005)183  
Amini, H. and Ahmadiani, A.  
Sensitive determination of clarithromycin in human plasma by high-performance liquid chromatography with spectrophotometric detection 817(2005)193  
Barbas, C., see Olmo, B. 817(2005)159  
Braun, M.P., see Xu, Y. 817(2005)287  
Brinkman, U.A.Th., see de Jong, A.G.(G.J.) 817(2005)1  
Bucolo, C., see Maltese, A. 817(2005)331  
Bult, A., see Stroink, T. 817(2005)49  
Campo, L., see Fustinoni, S. 817(2005)309  
Carvalho, R.S.H., Ianzer, D.A., Malavolta, L., Rodrigues, M.M., Cilli, E.M. and Nakaike, C.R.  
Polystyrene-type resin used for peptide synthesis: application for anion-exchange and affinity chromatography 817(2005)231  
Cataldo, D., see Chiap, P. 817(2005)109  
Chan, K.C., see Issaq, H.J. 817(2005)35  
Chen, B., see Xiao, W. 817(2005)153  
Chen, G., see Ye, J. 817(2005)187  
Chen, X., Huang, J., Kong, Z. and Zhong, D.  
Sensitive liquid chromatography-tandem mass spectrometry method for the simultaneous determination of paracetamol and guaifenesin in human plasma 817(2005)263  
Chen, X., see Li, K. 817(2005)271  
Cheng, C.-L., Chou, C.-H. and Hu, O.Y.-P.  
Determination of lamotrigine in small volumes of plasma by high-performance liquid chromatography 817(2005)199  
Cheng, Z., see Xiao, W. 817(2005)153  
Chiap, P., Piette, M., Evrard, B., Frankenne, F., Christiaens, B., Piel, G., Cataldo, D., Foidart, J.-M., Delattre, L., Crommen, J. and Hubert, Ph.  
Automated method for the determination of a new MMP inhibitor in ovine plasma and serum by coupling of restricted access material for on-line sample clean-up to liquid chromatography 817(2005)109  
Chou, C.-H., see Cheng, C.-L. 817(2005)199  
Christiaens, B., see Chiap, P. 817(2005)109  
Cilli, E.M., see Carvalho, R.S.H. 817(2005)231  
Cole, S., see Venn, R.F. 817(2005)77  
Conrads, T.P., see Issaq, H.J. 817(2005)35  
Creeke, P.I. and Seal, A.J.  
Quantitation of the niacin metabolites 1-methylnicotinamide and 1-methyl-2-pyridone-5-carboxamide in random spot urine samples, by ion-pairing reverse-phase HPLC with UV detection, and the implications for the use of spot urine samples in the assessment of niacin status 817(2005)247  
Crommen, J., see Chiap, P. 817(2005)109  
de Arruda Rolim Filho, L., see Rocco, S.A. 817(2005)297  
de Jong, A.G.(G.J.) and Brinkman, U.A.Th.  
Coupled-column systems in the biosciences (Foreword) 817(2005)1  
de Jong, G.J., see Stroink, T. 817(2005)49  
Dean, D.C., see Xu, Y. 817(2005)287  
del Olmo, M., Zafra, A., Suárez, B., Gonzalez-Casado, A., Taufiki, J. and Vilchez, J.L.  
Use of solid-phase microextraction followed by on-column silylation for determining chlorinated bisphenol A in human plasma by gas chromatography-mass spectrometry 817(2005)167  
Delattre, L., see Chiap, P. 817(2005)109  
Demmelmaier, H., see Jacobs, R. 817(2005)145  
Dills, R.L., see Johns, D.O. 817(2005)255  
Donald, C.E., Stokes, P., O'Connor, G. and Woolford, A.J.  
A comparison of enzymatic digestion for the quantitation of an oligonucleotide by liquid chromatography-isotope dilution mass spectrometry 817(2005)173  
Drago, F., see Maltese, A. 817(2005)331  
Du, L., see Xu, Y. 817(2005)287  
Dumoulin, F., see Van den hauwe, O. 817(2005)215  
Elliott, C., see Van den hauwe, O. 817(2005)215  
Evrard, B., see Chiap, P. 817(2005)109  
Foà, V., see Fustinoni, S. 817(2005)309  
Foidart, J.-M., see Chiap, P. 817(2005)109  
Fotoohi, K., Skärby, T., Söderhäll, S., Peterson, C. and Albertoni, F.  
Interference of 7-hydroxymethotrexate with the determination of methotrexate in plasma samples from children with acute lymphoblastic leukemia employing routine clinical assays 817(2005)139  
Franchini, K.G., see Rocco, S.A. 817(2005)297  
Frankenne, F., see Chiap, P. 817(2005)109  
Fustinoni, S., Mercadante, R., Campo, L., Scibetta, L., Valla, C. and Foà, V.  
Determination of urinary *ortho*- and *meta*-cresol in humans by head-space SPME gas chromatography/mass spectrometry 817(2005)309  
García, A., see Olmo, B. 817(2005)159  
Gonzalez-Casado, A., see del Olmo, M. 817(2005)167  
Granger, J., see Wilson, I.D. 817(2005)67  
Grimes, B.A., see Hennessy, T.P. 817(2005)127  
Gu, J., see Li, K. 817(2005)271  
Hartl, W.H., see Jacobs, R. 817(2005)145

- Hassan, M., see Vita, M. 817(2005)303
- Hennessy, T.P., Quaglia, M., Kornýšová, O., Grimes, B.A., Lubda, D. and Unger, K.K.  
Dynamic electric field assisted multi-dimensional liquid chromatography of biological samples 817(2005)127
- Hu, O.Y.-P., see Cheng, C.-L. 817(2005)199
- Huang, J., see Chen, X. 817(2005)263
- Hubert, Ph., see Chiap, P. 817(2005)109
- Hyötyläinen, T. and Riekkola, M.-L.  
Solid-phase extraction or liquid chromatography coupled on-line with gas chromatography in the analysis of biological samples (Review) 817(2005)13
- Ianzer, D.A., see Carvalho, R.S.H. 817(2005)231
- Ikeda, H., see Kage, S. 817(2005)335
- Ikeda, N., see Kage, S. 817(2005)335
- Indjova, D., Kassabova, L. and Svinarov, D.  
Simultaneous determination of mycophenolic acid and its phenolic glucuronide in human plasma using an isocratic high-performance liquid chromatography procedure 817(2005)327
- Issaq, H.J., Chan, K.C., Janini, G.M., Conrads, T.P. and Veenstra, T.D.  
Multidimensional separation of peptides for effective proteomic analysis (Review) 817(2005)35
- Jacobs, R., Demmelmair, H., Rittler, P., Kellermann, J., Koletzko, B., Krick, M., Jauch, K.-W. and Hartl, W.H.  
Isolation of plasma albumin by ethanol extraction is inappropriate for isotope ratio measurements during the acute phase response 817(2005)145
- Janini, G.M., see Issaq, H.J. 817(2005)35
- Jauch, K.-W., see Jacobs, R. 817(2005)145
- Jiao, Z., see Shen, J. 817(2005)207
- Jin, L., see Xian, Y. 817(2005)239
- Johns, D.O., Dills, R.L. and Morgan, M.S.  
Evaluation of dynamic headspace with gas chromatography/mass spectrometry for the determination of 1,1,1-trichloroethane, trichloroethanol, and trichloroacetic acid in biological samples 817(2005)255
- Kage, S., Kudo, K., Ikeda, H., Tsujita, A. and Ikeda, N.  
Determination of bromide in whole blood and urine from humans using gas chromatography–mass spectrometry 817(2005)335
- Kassabova, L., see Indjova, D. 817(2005)327
- Kellermann, J., see Jacobs, R. 817(2005)145
- Khan, R.M.A., see Alkhafry, K.M. 817(2005)183
- Koletzko, B., see Jacobs, R. 817(2005)145
- Kong, Z., see Chen, X. 817(2005)263
- Kornýšová, O., see Hennessy, T.P. 817(2005)127
- Krick, M., see Jacobs, R. 817(2005)145
- Kudo, K., see Kage, S. 817(2005)335
- Lenz, E.M., see Wilson, I.D. 817(2005)67
- Li, K., Wang, Y., Gu, J., Chen, X. and Zhong, D.  
Determination of dioscin in rat plasma by liquid chromatography–tandem mass spectrometry 817(2005)271
- Li, X., see Wang, S. 817(2005)319
- Lingeman, H., see Stroink, T. 817(2005)49
- Liu, F., see Xian, Y. 817(2005)239
- Liu, H., Yang, C., Yang, Q., Zhang, W. and Zhang, Y.  
On-line combination of capillary isoelectric focusing and capillary non-gel sieving electrophoresis using a hollow-fiber membrane interface: a novel two-dimensional separation system for proteins 817(2005)119
- Lubda, D., see Hennessy, T.P. 817(2005)127
- Ma, R., see Wang, S. 817(2005)319
- Macrae, P., see Venn, R.F. 817(2005)77
- Major, H., see Wilson, I.D. 817(2005)67
- Malavolta, L., see Carvalho, R.S.H. 817(2005)231
- Maltese, A., Maugeri, F., Drago, F. and Bucolo, C.  
Simple determination of riluzole in rat brain by high-performance liquid chromatography and spectrophotometric detection 817(2005)331
- Marin, R.M., see Rocco, S.A. 817(2005)297
- Marín, A., see Olmo, B. 817(2005)159
- Marriott, P., see Williams, A. 817(2005)97
- Maugeri, F., see Maltese, A. 817(2005)331
- McElnay, J., see AbuRuz, S. 817(2005)277
- Mercadante, R., see Fustinoni, S. 817(2005)309
- Merson, J., see Venn, R.F. 817(2005)77
- Millership, J., see AbuRuz, S. 817(2005)277
- Mirzaei, H. and Regnier, F.  
Structure specific chromatographic selection in targeted proteomics (Review) 817(2005)23
- Morgan, M.S., see Johns, D.O. 817(2005)255
- Musson, D.G., see Xu, Y. 817(2005)287
- Nakaie, C.R., see Carvalho, R.S.H. 817(2005)231
- Ocenasek, J., see Potthast, F. 817(2005)225
- O'Connor, G., see Donald, C.E. 817(2005)173
- Olarte Guasca, A., see Williams, A. 817(2005)97
- Olmo, B., García, A., Marín, A. and Barbas, C.  
New approaches with two cyano columns to the separation of acetaminophen, phenylephrine, chlorpheniramine and related compounds 817(2005)159
- Ortiz, M.C., see Stroink, T. 817(2005)49
- Pang, E., see Williams, A. 817(2005)97
- Pedersen-Bjergaard, S. and Rasmussen, K.E.  
Bioanalysis of drugs by liquid-phase microextraction coupled to separation techniques (Review) 817(2005)3
- Pelikan, M., see Potthast, F. 817(2005)225
- Peterson, C., see Fotoohi, K. 817(2005)139
- Piel, G., see Chiap, P. 817(2005)109
- Piette, M., see Chiap, P. 817(2005)109
- Plumb, R., see Wilson, I.D. 817(2005)67
- Potthast, F., Ocenasek, J., Rutishauser, D., Pelikan, M. and Schlapbach, R.  
Database independent detection of isotopically labeled MS/MS spectrum peptide pairs 817(2005)225
- Quaglia, M., see Hennessy, T.P. 817(2005)127
- Rasmussen, K.E., see Pedersen-Bjergaard, S. 817(2005)3
- Regnier, F., see Mirzaei, H. 817(2005)23
- Regnier, F.E., see Riggs, L. 817(2005)89
- Regnier, F.E., see Seeley, E.H. 817(2005)81
- Riekkola, M.-L., see Hyötyläinen, T. 817(2005)13
- Riggs, L., Seeley, E.H. and Regnier, F.E.  
Quantification of phosphoproteins with global internal standard technology 817(2005)89
- Riggs, L.D., see Seeley, E.H. 817(2005)81
- Rittler, P., see Jacobs, R. 817(2005)145
- Rittner, R., see Rocco, S.A. 817(2005)297
- Rocco, S.A., Velho, J.A., Marin, R.M., de Arruda Rolim Filho, L., Vercesi, A.E., Rittner, R. and Franchini, K.G.  
High performance liquid chromatography analysis of a 4-anilinoquinazoline derivative (PD153035), a specific inhibitor of the epidermal growth factor receptor tyrosine kinase, in rat plasma 817(2005)297
- Rodrigues, M.M., see Carvalho, R.S.H. 817(2005)231
- Rutishauser, D., see Potthast, F. 817(2005)225
- Ryan, D., see Williams, A. 817(2005)97
- Schlapbach, R., see Potthast, F. 817(2005)225
- Scibetta, L., see Fustinoni, S. 817(2005)309
- Seal, A.J., see Creeke, P.I. 817(2005)247

- Seeley, E.H., Riggs, L.D. and Regnier, F.E.  
Reduction of non-specific binding in Ga(III) immobilized metal affinity chromatography for phosphopeptides by using endoproteinase glu-C as the digestive enzyme 817(2005)81
- Seeley, E.H., see Riggs, L. 817(2005)89
- Shen, J., Jiao, Z., Yu, Y.-Q., Zhang, M. and Zhong, M.-K.  
Quantification of total and free mycophenolic acid in human plasma by liquid chromatography with fluorescence detection 817(2005)207
- Sheng, L., see Wang, S. 817(2005)319
- Skansen, P., see Vita, M. 817(2005)303
- Skärby, T., see Fotoohi, K. 817(2005)139
- Söderhäll, S., see Fotoohi, K. 817(2005)139
- Soli, E.D., see Xu, Y. 817(2005)287
- Stokes, P., see Donald, C.E. 817(2005)173
- Stroink, T., Ortiz, M.C., Bult, A., Lingeman, H., de Jong, G.J. and Underberg, W.J.M.  
On-line multidimensional liquid chromatography and capillary electrophoresis systems for peptides and proteins (Review) 817(2005)49
- Sun, J., see Wang, S. 817(2005)319
- Suárez, B., see del Olmo, M. 817(2005)167
- Svinarov, D., see Indjova, D. 817(2005)327
- Taoufiki, J., see del Olmo, M. 817(2005)167
- Tsujita, A., see Kage, S. 817(2005)335
- Underberg, W.J.M., see Stroink, T. 817(2005)49
- Unger, K.K., see Hennessy, T.P. 817(2005)127
- Valla, C., see Fustinoni, S. 817(2005)309
- Van den hauwe, O., Dumoulin, F., Elliott, C. and Van Peteghem, C.  
Detection of synthetic glucocorticoid residues in cattle tissue and hair samples after a single dose administration using LC-MS/MS 817(2005)215
- Van Peteghem, C., see Van den hauwe, O. 817(2005)215
- Veenstra, T.D., see Issaq, H.J. 817(2005)35
- Velho, J.A., see Rocco, S.A. 817(2005)297
- Venn, R.F., Merson, J., Cole, S. and Macrae, P.  
96-Well solid-phase extraction: a brief history of its development (Review) 817(2005)77
- Vercesi, A.E., see Rocco, S.A. 817(2005)297
- Vita, M., Skansen, P., Hassan, M. and Abdel-Rehim, M.  
Development and validation of a liquid chromatography and tandem mass spectrometry method for determination of roscovitine in plasma and urine samples utilizing on-line sample preparation 817(2005)303
- Vílchez, J.L., see del Olmo, M. 817(2005)167
- Wang, G., see Wang, S. 817(2005)319
- Wang, H., see Xian, Y. 817(2005)239
- Wang, S., Wang, G., Li, X., Sun, J., Ma, R. and Sheng, L.  
Simultaneous determination of oxymatrine and its active metabolite matrine in dog plasma by liquid chromatography-mass spectrometry and its application to pharmacokinetic studies 817(2005)319
- Wang, Y., see Li, K. 817(2005)271
- Williams, A., Ryan, D., Olarte Guasca, A., Marriott, P. and Pang, E.  
Analysis of strawberry volatiles using comprehensive two-dimensional gas chromatography with headspace solid-phase microextraction 817(2005)97
- Williams, R., see Wilson, I.D. 817(2005)67
- Wilson, I.D., Plumb, R., Granger, J., Major, H., Williams, R. and Lenz, E.M.  
HPLC-MS-based methods for the study of metabolomics (Review) 817(2005)67
- Woolford, A.J., see Donald, C.E. 817(2005)173
- Xian, Y., Zhou, Y., Wang, H., Zhou, L., Liu, F. and Jin, L.  
Nanostructured electrode based on multi-wall carbon nanotubes/Pt microparticles nanocomposite for electrochemical determination of thiols in rat striatum by high performance liquid chromatography separation 817(2005)239
- Xiao, W., Chen, B., Yao, S. and Cheng, Z.  
Simultaneous determination of erythromycin propionate and base in human plasma by high-performance liquid chromatography-electrospray mass spectrometry 817(2005)153
- Xu, Y., Du, L., Soli, E.D., Braun, M.P., Dean, D.C. and Musson, D.G.  
Simultaneous determination of a novel KDR kinase inhibitor and its N-oxide metabolite in human plasma using 96-well solid-phase extraction and liquid chromatography/tandem mass spectrometry 817(2005)287
- Yang, C., see Liu, H. 817(2005)119
- Yang, Q., see Liu, H. 817(2005)119
- Yao, S., see Xiao, W. 817(2005)153
- Ye, J., Zeng, S., Zhang, W. and Chen, G.  
Ion-pair reverse-phase high performance liquid chromatography method for determination of Huperzine-A in beagle dog serum 817(2005)187
- Yu, Y.-Q., see Shen, J. 817(2005)207
- Zafra, A., see del Olmo, M. 817(2005)167
- Zeng, S., see Ye, J. 817(2005)187
- Zhang, M., see Shen, J. 817(2005)207
- Zhang, W., see Liu, H. 817(2005)119
- Zhang, W., see Ye, J. 817(2005)187
- Zhang, Y., see Liu, H. 817(2005)119
- Zhong, D., see Chen, X. 817(2005)263
- Zhong, D., see Li, K. 817(2005)271
- Zhong, M.-K., see Shen, J. 817(2005)207
- Zhou, L., see Xian, Y. 817(2005)239
- Zhou, Y., see Xian, Y. 817(2005)239