

## Author Index Vol. 690

- Alonso, R.M., see Barroso, M.B. 690(1997)105
- Alvarez, J.G., Slomovic, B. and Ludmir, J.  
Analysis of dipalmitoyl phosphatidylcholine in amniotic fluid by high-performance liquid chromatography 690(1997)338
- Aoki, I., see Monji, H. 690(1997)305
- Arendt, T., see Singh, A.K. 690(1997)327
- Aswania, O.A., Corlett, S.A. and Chrystyn, H.  
Development and validation of an ion-pair liquid chromatographic method for the quantitation of sodium cromoglycate in urine following inhalation 690(1997)373
- Au, J.L.-S., see Song, D. 690(1997)289
- Audran, M., see de Cazanove, F. 690(1997)203
- Auer, T., see Khoschorur, G. 690(1997)367
- Aznar, R., see Guitton, C. 690(1997)211
- Bandoh, T., see Kitamura, R. 690(1997)283
- Banmairuroi, V., see Karbwang, J. 690(1997)259
- Barkholt, L., see Svensson, J.-O. 690(1997)363
- Barroso, M.B., Meiring, H.D., de Jong, A., Alonso, R.M. and Jiménez, R.M.  
Gas chromatographic-mass spectrometric analysis of the loop diuretic torasemide in human urine 690(1997)105
- Bean, K.A. and Henion, J.D.  
Direct determination of anabolic steroid conjugates in human urine by combined high-performance liquid chromatography and tandem mass spectrometry 690(1997)65
- Beijnen, J.H., see Kaijser, G.P. 690(1997)131
- Benazzi, L., see Pietta, P.G. 690(1997)343
- Besacier, F., see Elbast, W. 690(1997)115
- Bessard, G., see Nicolle, E. 690(1997)89
- Blaschke, G., see Weinz, C. 690(1997)233
- Boisvert, J., Caillé, G., McGilveray, I.J. and Qureshi, S.A.  
Quantification of ketoprofen enantiomers in human plasma based on solid-phase extraction and enantioselective column chromatography 690(1997)189
- Brazier, J.L., see Elbast, W. 690(1997)115
- Bressolle, F., see de Cazanove, F. 690(1997)203
- Bressolle, F., see Guitton, C. 690(1997)211
- Bronner, U., see Ericsson, Ö. 690(1997)243
- Bult, A., see Kaijser, G.P. 690(1997)131
- Caillé, G., see Boisvert, J. 690(1997)189
- Calabrese, C.R. and Loadman, P.M.  
Analysis of the imidazoacridinone C1311 by high-performance liquid chromatography 690(1997)275
- Cheung, S., Nolte, H., Otton, S.V., Tyndale, R.F., Wu, P.H. and Sellers, E.M.  
Simultaneous gas chromatographic determination of methamphetamine, amphetamine and their *p*-hydroxylated metabolites in plasma and urine 690(1997)77
- Chrystyn, H., see Aswania, O.A. 690(1997)373
- Congpuong, K., see Karbwang, J. 690(1997)259
- Cooper, J.D.H., Thadwal, R. and Cooper, M.J.  
Determination of vitamin E in human plasma by high-performance liquid chromatography 690(1997)355
- Cooper, M.J., see Cooper, J.D.H. 690(1997)355
- Corlett, S.A., see Aswania, O.A. 690(1997)373
- Crane, J.N., see Tran, T.C. 690(1997)35
- Crooks, S.R.H., Elliott, C.T., Thompson, C.S. and McCaughey, W.J.  
Comparison and evaluation of the specificity and binding capacity of commercial and in house affinity columns used in sample preparation for analysis of growth-promoting drugs 690(1997)161
- Croubels, S.M., Vanoosthuyze, K.E.I. and Van Peteghem, C.H.  
Use of metal chelate affinity chromatography and membrane-based ion-exchange as clean-up procedure for trace residue analysis of tetracyclines in animal tissues and egg 690(1997)173
- De Cazanove, F., Kinowski, J.-M., Audran, M., Rochette, A. and Bressolle, F.  
Determination of nalbuphine in human plasma by high-performance liquid chromatography with electrochemical detection. Application to a pharmacokinetic study 690(1997)203
- De Jong, A., see Barroso, M.B. 690(1997)105
- Deruaz, D., see Elbast, W. 690(1997)115
- Deusch, J.C.  
Determination of *p*-hydroxyphenylpyruvate, *p*-hydroxyphenyllactate and tyrosine in normal human plasma by gas chromatography-mass spectrometry isotope-dilution assay 690(1997)1
- Devarajan, P.V., see Save, T.K. 690(1997)315
- Diasio, R.B., see Yan, J. 690(1997)295
- Dills, R.L. and Shen, D.D.  
Methods to reduce background interferences in electron-capture gas chromatographic analysis of valproic acid and its unsaturated metabolites after derivatization with pentafluorobenzyl bromide 690(1997)139
- Elbast, W., Besacier, F., Deruaz, D. and Brazier, J.L.  
Gas chromatography-atomic emission detection for the measurement of isotopes. Application to bioequivalence studies 690(1997)115
- Elkhaïli, H., Linger, L., Monteil, H. and Jehl, F.  
High-performance liquid chromatographic assay for cefepime in serum 690(1997)181
- Elliott, C.T., see Crooks, S.R.H. 690(1997)161
- Ericsson, Ö., Schweda, E.K.H., Bronner, U., Rombo, L., Fridén, M. and Gustafsson, L.L.  
Determination of melarsoprol in biological fluids by high-performance liquid chromatography and characterisation of two stereoisomers by nuclear magnetic resonance spectroscopy 690(1997)243
- Fridén, M., see Ericsson, Ö. 690(1997)243
- Fukushima, T., see Koga, D. 690(1997)7
- Gardana, C., see Pietta, P.G. 690(1997)343
- Guimier, C., see Nicolle, E. 690(1997)89
- Guitton, C., Kinowski, J.-M., Aznar, R. and Bressolle, F.  
Determination of clozapine and its major metabolites in human plasma and red blood cells by high-performance liquid chromatography with ultraviolet absorbance detection 690(1997)211
- Gustafsson, L.L., see Ericsson, Ö. 690(1997)243
- Hall, T.W., see Taylor, W.G. 690(1997)123
- Härtl, A., see Mrestani, Y. 690(1997)321
- Henion, J.D., see Bean, K.A. 690(1997)65

- Hirai, T., Matsumoto, S. and Kishi, I.  
Determination of methotrexate and its main metabolite 7-hydroxymethotrexate in human urine by high-performance liquid chromatography with normal solid-phase extraction 690(1997)267
- Homma, H., see Koga, D. 690(1997)7
- Hörnsten, L., see Oliw, E.H. 690(1997)332
- Huang, T.-L., see Richards, M.P. 690(1997)43
- Huq, T.A., see Tran, T.C. 690(1997)35
- Iberer, F., see Khoschorur, G. 690(1997)367
- Imai, K., see Koga, D. 690(1997)7
- Imamura, T., see Jitsufuchi, N. 690(1997)153
- Ismail, S., see Jayaraman, S.D. 690(1997)253
- Jayaraman, S.D., Ismail, S., Nair, N.K. and Navaratnam, V.  
Determination of pyronaridine in blood plasma by high-performance liquid chromatography for application in clinical pharmacological studies 690(1997)253
- Jehl, F., see Elkhaili, H. 690(1997)181
- Jiang, Y., see Singh, A.K. 690(1997)327
- Jiménez, R.M., see Barroso, M.B. 690(1997)105
- Jitsufuchi, N., Kudo, K., Tokunaga, H. and Imamura, T.  
Selective determination of sultopride in human plasma using high-performance liquid chromatography with ultraviolet detection and particle beam mass spectrometry 690(1997)153
- Johansen, K., Krogh, M. and Rasmussen, K.E.  
Automated on-line dialysis, trace enrichment and high-performance liquid chromatography Inhibition of interaction with the dialysis membrane and disruption of protein binding in the determination of clozapine in human plasma 690(1997)223
- Kajiser, G.P., Beijnen, J.H., Bult, A., Keizer, H.J. and Underberg, W.J.M.  
Chromatographic analysis of the enantiomers of ifosfamide and some of its metabolites in plasma and urine 690(1997)131
- Kantes, H.L., see Tran, T.C. 690(1997)35
- Karbwang, J., Na-Bangchang, K., Molunto, P., Banmairuroi, V. and Congpuong, K.  
Determination of artemether and its major metabolite, dihydroartemisinin, in plasma using high-performance liquid chromatography with electrochemical detection 690(1997)259
- Keizer, H.J., see Kajiser, G.P. 690(1997)131
- Khoschorur, G., Semmelrock, H.J., Rödl, S., Auer, T., Petek, W., Iberer, F. and Tscheliessnigg, K.H.  
Rapid, sensitive high-performance liquid chromatographic method for the determination of cyclosporin A and its metabolites M1, M17 and M21 690(1997)367
- Kinowski, J.-M., see de Cazanove, F. 690(1997)203
- Kinowski, J.-M., see Guitton, C. 690(1997)211
- Kishi, I., see Hirai, T. 690(1997)267
- Kitamura, R., Bandoh, T., Tsuda, M. and Satoh, T.  
Determination of a new podophyllotoxin derivative, TOP-53, and its metabolite in rat plasma and urine by high-performance liquid chromatography with electrochemical detection 690(1997)283
- Koga, D., Santa, T., Fukushima, T., Homma, H. and Imai, K.  
Liquid chromatographic-atmospheric pressure chemical ionization mass spectrometric determination of anandamide and its analogs in rat brain and peripheral tissues 690(1997)7
- Krogh, M., see Johansen, K. 690(1997)223
- Kudo, K., see Jitsufuchi, N. 690(1997)153
- Linger, L., see Elkhaili, H. 690(1997)181
- Loadman, P.M., see Calabrese, C.R. 690(1997)275
- Lu, Z., see Yan, J. 690(1997)295
- Ludmir, J., see Alvarez, J.G. 690(1997)338
- Manka, A.M., see Walters, A.E. 690(1997)99
- Margolis, S.A. and Schapira, R.M.  
Liquid chromatographic measurement of L-ascorbic acid and D-ascorbic acid in biological samples 690(1997)25
- Matsumoto, S., see Hirai, T. 690(1997)267
- Mauri, P.L., see Pietta, P.G. 690(1997)343
- McCaughy, W.J., see Crooks, S.R.H. 690(1997)161
- McGilveray, I.J., see Boisvert, J. 690(1997)189
- Meiring, H.D., see Barroso, M.B. 690(1997)105
- Mitamura, K., see Shimada, K. 690(1997)348
- Molunto, P., see Karbwang, J. 690(1997)259
- Monji, H., Yamaguchi, M., Aoki, I. and Ueno, H.  
Highly sensitive high-performance liquid chromatographic determination method for a new erythromycin derivative, EM523, and its major metabolites in human plasma and urine using post-column tris(2,2'-bipyridine) ruthenium(III) chemiluminescence detection 690(1997)305
- Monteil, H., see Elkhaili, H. 690(1997)181
- Mrestani, Y., Neubert, R., Schiewe, J. and Härtl, A.  
Application of capillary zone electrophoresis in cephalosporin analysis 690(1997)321
- Myrdal, P.B., see Walters, A.E. 690(1997)99
- Na-Bangchang, K., see Karbwang, J. 690(1997)259
- Nair, N.K., see Jayaraman, S.D. 690(1997)253
- Nakatani, I., see Shimada, K. 690(1997)348
- Navaratnam, V., see Jayaraman, S.D. 690(1997)253
- Neubert, R., see Mrestani, Y. 690(1997)321
- Nicolle, E., Veitl, S., Guimier, C. and Bessard, G.  
Modified method of nalbuphine determination in plasma: validation and application to pharmacokinetics of the rectal route 690(1997)89
- Nolte, H., see Cheung, S. 690(1997)77
- Oliw, E.H., Hörnsten, L. and Sprecher, H.  
Oxygenation of 5,8,11-eicosatrienoic acid by prostaglandin H synthase-2 of ovine placental cotyledons: isolation of 13-hydroxy-5,8,11-eicosatrienoic and 11-hydroxy-5,8,12-eicosatrienoic acids 690(1997)332
- Ottom, S.V., see Cheung, S. 690(1997)77
- Parmar, D.V., see Save, T.K. 690(1997)315
- Petek, W., see Khoschorur, G. 690(1997)367
- Pietta, P.G., Mauri, P.L., Gardana, C. and Benazzi, L.  
Assay of soluble guanylate cyclase activity by isocratic high-performance liquid chromatography 690(1997)343
- Pinsuwan, S., see Walters, A.E. 690(1997)99
- Qureshi, S.A., see Boisvert, J. 690(1997)189
- Rasmussen, K.E., see Johansen, K. 690(1997)223
- Richards, M.P. and Huang, T.-L.  
Metalloprotein analysis by capillary isoelectric focusing 690(1997)43
- Rochette, A., see de Cazanove, F. 690(1997)203
- Rodgers, J.P., see Stanley, S.M.R. 690(1997)55
- Rödl, S., see Khoschorur, G. 690(1997)367
- Rombo, L., see Ericsson, Ö. 690(1997)243
- Salado C., S. and Vera-Avila, L.E.  
On-line solid-phase extraction and high-performance liquid chromatographic determination of chlorthalidone in urine 690(1997)195
- Santa, T., see Koga, D. 690(1997)7
- Satoh, T., see Kitamura, R. 690(1997)283

- Save, T.K., Parmar, D.V. and Devarajan, P.V.  
High-performance thin-layer chromatographic determination of ibuprofen in plasma 690(1997)315
- Säwe, J., see Svensson, J.-O. 690(1997)363
- Schapira, R.M., see Margolis, S.A. 690(1997)25
- Schiebel, H.-M., see Weinz, C. 690(1997)233
- Schiewe, J., see Mrestani, Y. 690(1997)321
- Schweda, E.K.H., see Ericsson, Ö. 690(1997)243
- Sellers, E.M., see Cheung, S. 690(1997)77
- Semmelrock, H.J., see Khoschorur, G. 690(1997)367
- Shen, D.D., see Dills, R.L. 690(1997)139
- Shimada, K., Mitamura, K. and Nakatani, I.  
Characterization of monoglucuronides of vitamin D<sub>2</sub> and 25-hydroxyvitamin D<sub>2</sub> in rat bile using high-performance liquid chromatography-atmospheric pressure chemical ionization mass spectrometry 690(1997)348
- Shimizu, M., Wang, X. and Yamada, S.  
Fluorimetric assay of 1 $\alpha$ ,25-dihydroxyvitamin D<sub>3</sub> in human plasma 690(1997)15
- Siliveru, M. and Stewart, J.T.  
Stereoselective determination of mepivacaine in human serum using a brush-type chiral stationary phase and solid-phase extraction 690(1997)359
- Singh, A.K., White, T., Arendt, T. and Jiang, Y.  
Analysis of selenium in bovine liver by gas chromatography with mass-selective, electron-capture and nitrogen-phosphorus detection 690(1997)327
- Slomovic, B., see Alvarez, J.G. 690(1997)338
- Smith, L., see Stanley, S.M.R. 690(1997)55
- Song, D., Wientjes, M.G. and Au, J.L.-S.  
Isocratic high-performance liquid chromatographic determination of thiacetazone by direct injection of plasma into an internal surface reversed-phase column 690(1997)289
- Sprecher, H., see Oliw, E.H. 690(1997)332
- Stanley, S.M.R., Smith, L. and Rodgers, J.P.  
Biotransformation of 17-alkylsteroids in the equine: gas chromatographic-mass spectral identification of ten intermediate metabolites of methyltestosterone 690(1997)55
- Stewart, J.T., see Siliveru, M. 690(1997)359
- Strein, T.G., see Tran, T.C. 690(1997)35
- Svensson, J.-O., Barkholt, L. and Säwe, J.  
Determination of acyclovir and its metabolite 9-carboxymethoxymethylguanine in serum and urine using solid-phase extraction and high-performance liquid chromatography 690(1997)363
- Taylor, W.G., Vedres, D.D. and Hall, T.W.  
Capillary gas chromatographic determination of permethrin insecticide by transesterification 690(1997)123
- Thadwal, R., see Cooper, J.D.H. 690(1997)355
- Thompson, C.S., see Crooks, S.R.H. 690(1997)161
- Tokunaga, H., see Jitsufuchi, N. 690(1997)153
- Tran, T.C., Huq, T.A., Kantes, H.L., Crane, J.N. and Strein, T.G.  
Determination of creatinine and other uremic toxins in human blood sera with micellar electrokinetic capillary electrophoresis 690(1997)35
- Tscheliessnigg, K.H., see Khoschorur, G. 690(1997)367
- Tsuda, M., see Kitamura, R. 690(1997)283
- Tyndale, R.F., see Cheung, S. 690(1997)77
- Ueno, H., see Monji, H. 690(1997)305
- Underberg, W.J.M., see Kaijser, G.P. 690(1997)131
- Vanoosthuyze, K.E.I., see Croubels, S.M. 690(1997)173
- Van Peteghem, C.H., see Croubels, S.M. 690(1997)173
- Vedres, D.D., see Taylor, W.G. 690(1997)123
- Veitl, S., see Nicolle, E. 690(1997)89
- Vera-Avila, L.E., see Salado C., S. 690(1997)195
- Walsh, G.M., see Yan, J. 690(1997)295
- Walters, A.E., Myrdal, P.B., Pinsuwan, S., Manka, A.M. and Yalkowsky, S.H.  
Determination of melanotan II in rabbit urine using solid-phase extraction sample preparation followed by reversed-phase high-performance liquid chromatography 690(1997)99
- Wang, X., see Shimizu, M. 690(1997)15
- Weinz, C., Blaschke, G. and Schiebel, H.-M.  
Investigation of the stereoselective in vitro biotransformation of glutethimide by high-performance liquid chromatography and capillary electrophoresis 690(1997)233
- Wheeler, R.H., see Yan, J. 690(1997)295
- White, T., see Singh, A.K. 690(1997)327
- Wientjes, M.G., see Song, D. 690(1997)289
- Wu, P.H., see Cheung, S. 690(1997)77
- Yalkowsky, S.H., see Walters, A.E. 690(1997)99
- Yamada, S., see Shimizu, M. 690(1997)15
- Yamaguchi, M., see Monji, H. 690(1997)305
- Yan, J., Lu, Z., Walsh, G.M., Wheeler, R.H. and Diasio, R.B.  
High-performance liquid chromatographic determination of 9-(3-pyridylmethyl)-9-deazaguanine (BCX-34) in biological fluids 690(1997)295