



ELSEVIER

LIST OF CONTENTS

Number 1

Regular papers

Isoflavone content of the soy based supplements T. Nurmi (Helsinki, Kuopio, Finland), W. Mazur (Helsinki, Finland), S. Heinonen (Helsinki, Finland), J. Kokkonen (Finland), H. Adlercreutz (Helsinki, Finland)	1
Preparation of β -artemether liposomes, their HPLC–UV evaluation and relevance for clearing recrudescence parasitaemia in <i>Plasmodium chabaudi</i> malaria-infected mice B. Chimanuka (Brussels, Belgium; D.S. Bukavu, Congo), M. Gabriëls, M.-R. Detaevernier, J.A. Plaizier-Vercammen (Brussels, Belgium)	13
Determination of tacrine metabolites in microsomal incubate by high performance liquid chromatography–nuclear magnetic resonance/mass spectrometry with a column trapping system D. Bao, V. Thanabal, W.F. Pool (Ann Arbor, MI, USA)	23
A comparison of quantitative NMR and radiolabelling studies of the metabolism and excretion of Statil TM (3-(4-bromo-2-fluorobenzyl)-4-oxo-3H-phthalazin-1-ylacetic acid) in the rat E.M. Lenz (London, Macclesfield, UK), I.D. Wilson, B. Wright, E.A. Partridge, C.T. Rodgers (Macclesfield, UK), P.R. Haycock, J.C. Lindon, J.K. Nicholson (London, UK)	31
Investigation of critical factors for the resolution of SR695, a key impurity, from efavirenz in the reversed-phase assay of efavirenz dosage forms R.P. Weissburg, E.R. Montgomery, L.A. Junnier, J. Segretario, S. Cook, P.K. Hovsepian (Wilmington, DE, USA)	45
Benzophenone-3: rapid prediction and evaluation using non-invasive methods of in vivo human penetration C. Fernandez (Merida, Venezuela), F. Nielloud, R. Fortuné, L. Vian, G. Marti-Mestres (Montpellier, France)	57
Pharmacokinetic comparison of intravenous carbendazim and remote loaded carbendazim liposomes in nude mice L. Jia, M. Garza, H. Wong (San Antonio, TX, USA), D. Reimer, T. Redelmeier (Vancouver, Canada), J.B. Camden (Cincinnati, OH, USA), S.D. Weitman (San Antonio, TX, USA)	65
High-throughput miniaturized immunoassay for human interleukin-13 secreted from NK3.3 cells using homogenous time-resolved fluorescence K. Enomoto, A. Araki, T. Nakajima, H. Ohta, K. Dohi (Osaka, Japan), M. Préaudat, P. Seguin, G. Mathis (Bagnols sur Cèze, France), R. Suzuki, G. Kominami, H. Takemoto (Osaka, Japan)	73
Determination of iodine values according to Hanuš using 1,3-dibromo-5,5-dimethylhydantoin (DBH): Analytical methods of pharmacopeias with DBH: part 7 M. Hilp (Marburg, Germany)	81
Application of 1D ^1H NMR for fast non-targeted screening and compositional analysis of steroid cocktails and veterinary drug formulations administered to livestock A. Lommen, R. Schilt, J. Weseman, A.H. Roos (Wageningen, The Netherlands), J.W. van Velde (Arnhem, The Netherlands), M.W.F. Nielsen (Wageningen, The Netherlands)	87
Direct determination of pindolol enantiomers in human serum by column-switching LC-MS/MS using a phenylcarbamate- β -cyclodextrin chiral column A. Motoyama, A. Suzuki, O. Shirota, R. Namba (Yokohama-shi, Japan)	97
Chiral CE separation of warfarin in albumin containing samples W.-P. Yau, E. Chan (Singapore, Singapore)	107
Structure elucidation and conformational properties of eprosartan a non peptide Angiotensin II AT ₁ antagonist P. Zoumpoulakis (Athens, Greece), S.G. Grdadolnik (Ljubljana, Slovenia), J. Matsoukas (Patras, Greece), T. Mavromoustakos (Athens, Greece)	125

Employment of on-line FT-IR spectroscopy to monitor the deprotection of a 9-fluorenylmethyl protected carboxylic acid peptide conjugate of doxorubicin	137
M. Cameron, G.X. Zhou, M.B. Hicks, V. Antonucci, Z. Ge, D.R. Lieberman, J.E. Lynch, Y.-J. Shi (Rahway, NJ, USA)	137
Moisture assay of an antifungal by near-infrared diffuse reflectance spectroscopy	145
A. Dunko, A. Dovletoglou (Rahway, NJ, USA)	145
Method development and validation for the GC-FID assay of tributyl phosphate in a phospholipid emulsion	155
E. Kessen, B. Thomas (Chapel Hill, NC, USA)	155
<i>Short communications</i>	
Spectrophotometric methods for the rapid determination of menadione and menadione sodium bisulphite and their application in pharmaceutical preparations	
P. Nagaraja, R.A. Vasantha, H.S. Yathirajan (Mysore, India)	161
Rapid determination of acetazolamide in human plasma	
A. Zarghi, A. Shafaati (Tehran, Iran)	169
Spectrophotometric determination of enrofloxacin and pefloxacin through ion-pair complex formation	
S. Mostafa (Ismailia, Egypt), M. El-Sadek (Zagazig, Egypt), E.A. Alla (Ismailia, Egypt)	173
LC determination of praziquantel in human plasma	
W. Ridtitid, M. Wongnawa, W. Mahatthanatrakul, J. Punyo, M. Sunphanich (Songkla, Thailand)	181
Number 2	
Publisher's note	v
<i>Regular papers</i>	
Stability indicating methods for the determination of diloxanide furoate	
N.Y. Hasan, M.A. Elkawy, B.E. Elzeany, N.E. Wagieh (Cairo, Egypt)	187
Determination of travoprost and travoprost free acid in human plasma by electrospray HPLC/MS/MS	
B.A. McCue, M.M. Cason, M.A. Curtis, R.D. Faulkner, D.C. Dahlin (Fort Worth, TX, USA)	199
Rapid microtiter plate assay for determination of inulin in human plasma and dialysate	
T.D. Nolin, I.V. Colaizzi, P.M. Palevsky, G.R. Matzke, R.F. Frye (Pittsburgh, PA, USA)	209
Voltammetric studies of the interaction of lumazine with cyclodextrins and DNA	
M.S. Ibrahim, I.S. Shehatta, A.A. Al-Nayeli (Al-Ain, United Arab Emirates)	217
Densitometric determination of diclofenac, 1-(2,6-dichlorophenyl)indolin-2-one and indolin-2-one in pharmaceutical preparations and model solutions	
J. Krzek, M. Starek (Cracow, Poland)	227
Development and validation of a photometric titration method for the quantitation of sodium chondroitin sulfate (bovine) in Cosequin® DS chewable tablet	
Z. Liang, C. Bonneville, T. Senez, T. Henderson (Edgewood, MD, USA)	245
Validation of a near-infrared transmission spectroscopic procedure, part A: validation protocols	
H. Mark (Suffern, NY, USA), G.E. Ritchie (Ardsley, NY, USA), R.W. Roller (Indianapolis, IN, USA), E.W. Ciurczak, C. Tso, S.A. MacDonald (Ardsley, NY, USA)	251
Simultaneous analysis of dehydroacetic acid, benzoic acid, sorbic acid and salicylic acid in cosmetic products by solid-phase extraction and high-performance liquid chromatography	
E. Mikami, T. Goto, T. Ohno, H. Matsumoto, M. Nishida (Nagoya, Japan)	261
An equivalent length model of microdialysis sampling	
S. Tong, F. Yuan (Durham, NC, USA)	269
Comparison of SPE and fast LC to eliminate mass spectrometric matrix effects from microsomal incubation products	
J.J. Zheng, E.D. Lynch, S.E. Unger (Newark, DE, USA)	279
Chiral high-performance liquid chromatographic analysis of the enantiomers of XK469, a new antitumor agent, in plasma and urine	
H. Zheng (Columbus, OH, USA), J.M. Covey (Bethesda, MD, USA), P.J. Tosca, N. Turner, K.K. Chan (Columbus, OH, USA)	287
A chromatographic method for the quantification of prostaglandin E ₁ and prostaglandin A ₁ encapsulated in an intravenous lipid formulation	
P.F. Glidden, D.B. Goldberg, C.M. Heldebrandt (City of Industry, CA, USA)	295
Determination of propylthiouracil using 1,3-dibromo-5,5-dimethylhydantoin (DBH): Analytical methods of pharmacopeias with DBH in respect to environmental and economical concern: part 9	
M. Hilp (Marburg, Germany)	303

Spectrophotometric and AAS determination of ramipril and enalapril through ternary complex formation M.M. Ayad, A.A. Shalaby, H.E. Abdellatef, M.M. Hosny (Zagazig, Egypt)	311
In vitro stability analyses as a model for metabolism of ferromagnetic particles (Clariscan TM), a contrast agent for magnetic resonance imaging T. Skotland, P.C. Sontum, I. Oulie (Oslo, Norway)	323
Fluorimetric determination of isoxsuprime hydrochloride in pharmaceuticals and biological fluids N.A.A. Alarfaj (Riyadh, Saudi Arabia)	331
Determination of selenium sulfide using 1,3-dibromo-5,5-dimethylhydantoin (DBH): Analytical methods of pharmacopeias with DBH in respect to environmental and economical concern Part 11 M. Hilp (Marburg, Germany)	337
Comparison of electrochemical detection of acetylcholine-induced nitric oxide release (NO) and contractile force measurement of rabbit isolated carotid artery endothelium E. Kilinc, G. Yetik, T. Dalbasti, M. Ozsoz (Izmir, Turkey)	345
Polarographic determination of berberine in the presence of H ₂ O ₂ in medicinal plants J.-F. Song, Y.-Y. He, W. Guo (Xian, People's Republic of China)	355
Spectrophotometric, spectrofluorimetric, HPLC and CZE determination of mirtazapine in pharmaceutical tablets L. Labat, P. Dallet, E. Kummer, J.P. Dubost (Bordeaux, France)	365
<i>Short communications</i>	
Spectrophotometric determination of meclozine HCl and papaverine HCl in their pharmaceutical formulations N.T. Abdel-Ghani, A.F. Shoukry, Y.M. Issa, O.A. Wahdan (Giza, Egypt)	373
Determination of organic acids in leaves and rinds of <i>Garcinia indica</i> (Desh.) by LC G.K. Jayaprakasha, K.K. Sakariah (Mysore, India)	379
Separation of <i>N</i> -alkyl phenothiazine sulfones by HPTLC using an optimum mobile phase C. Cimpoiu (Cluj-Napoca, Romania), S. Hodisan (Oradea, Romania), M. Toşa, C. Paizs, C. Majdik, F.-D. Irimie (Cluj-Napoca, Romania)	385
Simultaneous determination of dorzolamide HCl and timolol maleate in eye drops by two different spectroscopic methods N. Erk (Ankara, Turkey)	391
 Numbers 3–4	
<i>Review</i>	
The potential of flow-through optosensors in pharmaceutical analysis A. Molina Díaz, A. Ruiz Medina, M.L. Fernández de Córdova (Jaén, Spain)	399
<i>Regular papers</i>	
Validation of HPLC and GC–MS systems for bisphenol-A leached from hemodialyzers on the basis of FUMI theory Y. Hayashi, R. Matsuda, Y. Haishima, T. Yagami, A. Nakamura (Tokyo, Japan)	421
A validated LC method for the determination of clopidogrel in pharmaceutical preparations A. Mitakos, I. Panderi (Athens, Greece)	431
Rapid quantification of constituents in St. John's wort extracts by NIR spectroscopy I. Rager, G. Roos, P.C. Schmidt, K.-A. Kovar (Tuebingen, Germany)	439
RP-LC determination of oleane derivatives in <i>Terminalia arjuna</i> D.V. Singh, R.K. Verma, S.C. Singh, M.M. Gupta (Lucknow, India)	447
LC determination and degradation study of droperidol H. Trabelsi, S. Guettat, K. Bouzouita (Tunis, Tunisia), F. Safta (Monastir, Tunisia)	453
Determination of mineral content of active dry yeast used in pharmaceutical formulations G.A. Zachariadis, E.S. Raidou, D.G. Themelis, J.A. Stratis (Thessaloniki, Greece)	463
Evaluation of amino sugar, low molecular peptide and amino acid impurities of biotechnologically produced amino acids by means of CE N. Novatchev, U. Holzgrabe (Würzburg, Germany)	475
LC determination of aminoglutethimide enantiomers as dansyl and fluorescamine derivatives in tablet formulations N. Cesur (Beyazit, İstanbul, Turkey), T.I. Apak (Iowa City, IA, USA), H.Y. Aboul-Enein (Riyadh, Saudi Arabia), S. Özkiprimli (Beyazit, İstanbul, Turkey)	487
Determination of celecoxib, a COX-2 inhibitor, in pharmaceutical dosage forms by MEKC M.K. Srinivasu, D. Sreenivas Rao, G.O. Reddy (Miyapur, India)	493

Imipramine hydrochloride and desipramine hydrochloride as new reagents for detection of microamounts of blood in urine A.A. Syed, M.F. Silwadi, B.A. Khatoon (Mysore, India)	501
Determination of bopindolol in pharmaceuticals by capillary isotachophoresis M. Urbánek, M. Pospíšilová, M. Polášek (Hradec Králové, Czech Republic)	509
LC determination of oxcarbazepine and its active metabolite in human serum H. Levert, P. Odou, H. Robert (Lille, France)	517
Spectrophotometric determination of metronidazole and tinidazole in pharmaceutical preparations P. Nagaraja, K.R. Sunitha, R.A. Vasanth, H.S. Yathirajan (Mysore, India)	527
Characterization of the similarity of chemical compounds using electrospray ionization mass spectrometry and multivariate exploratory techniques V. Schoonjans (Brussels, Belgium), N. Taylor, B.D. Hudson (Herts, UK), D.L. Massart (Brussels, Belgium)	537
Validation of a LC-fluorescence method for determination of free captopril in human plasma, using a pre-column derivatization reaction with monobromobimane F. Tache, A. Farca, A. Medvedovici, V. David (Bucharest, Romania)	549
Sensitive LC determination of ciprofloxacin in pharmaceutical preparations and biological fluids with fluorescence detection A. Zotoú, N. Miltiadou (Thessaloniki, Greece)	559
Simultaneous determination of terbinafine HCL and triamcinolone acetonide by UV derivative spectrophotometry and spectrodensitometry Y.S. El-Saharty, N.Y. Hassan, F.H. Metwally (Cairo, Egypt)	569
Application of the artificial neural network in quantitative structure-gradient elution retention relationship of phenylthiocarbamyl amino acids derivatives S.Y. Tham (Penang, Malaysia), S. Agatonovic-Kustrin (Adelaide, Australia)	581
Simultaneous spectrophotometric determination of chlorphenoxamine hydrochloride and caffeine in a pharmaceutical preparation using first derivative of the ratio spectra and chemometric methods E. Dinç, İ.M. Palabıyık, Ö. Üstündağ, F. Yurtsever, F. Onur (Ankara, Turkey)	591
Electrospray LC-MS/MS quantitation, stability, and preliminary pharmacokinetics of bradykinin antagonist polypeptide B201 (NSC 710295) in the mouse W.Y. Feng, K.K. Chan (Columbus, OH, USA), J.M. Covey (Rockville, MD, USA)	601
Polarographic determination of phenytoin and benzophenone (as impurity) in pharmaceutical preparations O.A. Razak, A.A. Gazy, A.M. Wahbi (EL-Messalah, Egypt)	613
Determination of flavonoids in <i>Semen Cuscutae</i> by RP-HPLC M. Ye, Y. Li, Y. Yan, H. Liu, X. Ji (Beijing, People's Republic of China)	621
Determination of betamethasone disodium phosphate in the in vitro media of PLGA microspheres by high-performance liquid chromatography L. Wang, Y.Y. Yang, T.S. Chung, X.Q. Chen (Singapore, Singapore)	629
High performance liquid chromatographic assay for the quantitation of total glutathione in plasma I.K. Abukhalaf, N.A. Silvestrov, J.M. Menter, D.A. von Deutsch, M.A. Bayorh, R.R. Socci, A.A. Ganafa (Atlanta, GA, USA)	637
Single-step extraction of fluconazole from plasma by ultra-filtration for the measurement of its free concentration by high performance liquid chromatography P.A. Majcherczyk, P. Moreillon, L.A. Decosterd, D. Sanglard, J. Bille, M.P. Glauser, O. Marchetti (Lausanne, Switzerland)	645
A validated high-performance liquid chromatographic method for the determination of glibenclamide in human plasma and its application to pharmacokinetic studies I. Niopas, A.C. Daftsios (Thessaloniki, Greece)	653
Evaluation of the excretion and metabolism of the new analgesic agent RWJ-22757 in male and female CR Wistar rats W.N. Wu, G.W. Caldwell, J.A. Masucci (Spring House, PA, USA)	659
Static headspace gas chromatographic analysis of the residual solvents in gel extrusion module tablet formulations Z. Li, Y.-H. Han, G.P. Martin (West Point, PA, USA)	673
Determination of picomole amounts of thiamine through flow-injection analysis based on the suppression of luminol-KIO ₄ chemiluminescence system Z. Song, S. Hou (Xi'an, People's Republic of China)	683
Stability of 5-acetamido-6-formylamino-3-methyluracil in buffers and urine P. Wong, G. Villeneuve, V. Tessier, K. Banerjee, H. Nedev, B.J. Jean-Claude, B. Leyland-Jones (Montreal, Canada) . .	693
Application of LC/MS/MS in the quantitation of SU101 and SU0020 uptake by 3T3/PDGFr cells Q. Zhang, W.L. Pang, H. Chen, J. Cherrington, K. Lipson, L. Antonian, L.K. Shawver (San Francisco, CA, USA) . .	701
LC and TLC determination of cinnarizine in pharmaceutical preparations and serum S.S.M. Hassan (Cairo, Egypt), M.A.F. Elmosallamy (Zagazig, Egypt), A.B. Abbas (Abu-Zabbal, Egypt)	711
Determination of triamterene by transitory retention in a continuous flow solid phase system with fluorimetric transduction A. Domínguez-Vidal, P. Ortega-Barrales, A. Molina-Díaz (Jaén, Spain)	721

Determination of 11-keto-boswellie acid in human plasma A. Kaunzinger (Frankfurt, Germany), A. Baumeister, K. Cuda, N. Häring (Neu-Ulm, Germany), B. Schug, H.H. Blume (Oberursel, Germany), K. Raddatz, G. Fischer (Eberbach, Germany), M. Schubert-Zsilavecz (Frankfurt, Germany)	729
Determination of celecoxib in pharmaceutical formulations using UV spectrophotometry and liquid chromatography R.N. Saha, C. Sajeev, P.R. Jadhav, S.P. Patil, N. Srinivasan (Pilani, India)	741
Voltammetric investigation of β -estradiol B. Salci, I. Biryol (Ankara, Turkey)	753
Study on the inclusion complexes of bromazepam with β - and β -hydroxypropyl-cyclodextrins H.A. Archontaki, M.V. Vertzoni, M.H. Athanassiou-Malaki (Athens, Greece)	761
LC determination of flavonoids: separation of quercetin, luteolin and 3-O-methylquercetin in <i>Achyrocline satureoides</i> preparations K.C.B. De Souza, E.E.S. Schapoval, V.L. Bassani (Porto Alegre, Brazil)	771
Spectrophotometric multicomponent resolution of a veterinary formulation containing oxfendazole and oxyclozanide by multivariate calibration–prediction techniques E. Dinç, M. Kanbur (Ankara, Turkey)	779
<i>Short communication</i>	
Determination of lacidipine from urine by HPTLC using off-line SPE V.R. Kharat (Nagpur, India), K.K. Verma (Jabalpur, India), J.D. Dhake (Nagpur, India)	789

Number 5

Review

HPLC separation of antibiotics present in formulated and unformulated samples S. Joshi (Roorkee, India)	795
--	-----

Regular papers

LC determination of diphenamid methylsulfate: application to stability study of stored pharmaceutical formulations J.J. Houri, G. Gouaillard, V. Acar, M.D. Le Hoang, D. Pradeau, F. Guyon (Paris, France)	811
Potentiometric and spectrofluorimetric studies on complexation of tenoxicam with some metal ions H.A. Mohamed, H.M.A. Wadood, O.A. Farghaly (Assiut, Egypt)	819
High resolution proton magnetic resonance spectroscopy of human cervical mucus U. Sahrbacher, A. Pehlke-Rimpf, G. Rohr, W. Eggert-Kruse (Heidelberg, Germany), H.R. Kalbitzer (Heidelberg, Regensburg, Germany)	827
Electrochemical analysis of acetaminophen using a boron-doped diamond thin film electrode applied to flow injection system N. Wangfuengkanagul, O. Chailapakul (Bangkok, Thailand)	841
Quantitation of vitamin C content in herbal juice using direct titration L. Suntornsuk, W. Gritsanapun, S. Nilkamhank, A. Paochom (Bangkok, Thailand)	849
RP–LC determination of 5-fluorouridine in nanoparticulate formulations P. Arbós, M.A. Campanero, J.M. Irache (Pamplona, Spain)	857
Sensitive NIRS measurement of increased moisture in stored hygroscopic freeze dried product A. Stokvold, K. Dyrstad, F.O. Libnau (Oslo, Norway)	867
The metabolism of 4-trifluoromethoxyaniline and [^{13}C]-4-trifluoromethoxyacetanilide in the rat: detection and identification of metabolites excreted in the urine by NMR and HPLC-NMR M. Tugnait (London, UK), E.M. Lenz (London, Macclesfield, UK), P. Phillips (Macclesfield, UK), M. Hofmann, M. Spraul (Rheinstetten, Germany), J.C. Lindon, J.K. Nicholson (London, UK), I.D. Wilson (Macclesfield, UK)	875
Hydrolytic degradation of nitrrendipine and nisoldipine A. Álvarez-Lueje, J. Sturm, J.A. Squella, L.J. Núñez-Vergara (Santiago, Chile)	887
LC-MS/MS identification of in vitro metabolites of a new H^+/K^+ ATPase inhibitor, KR-60436 produced by rat and human liver microsomes S.J. Choi, H.Y. Ji, S.K. Baek, H.-Y. Lee (Iksan, South Korea), J.-K. Choi, H.G. Cheon, D.H. Lee, H. Lim (Taejeon, South Korea), H.S. Lee (Iksan, South Korea)	897
Determination of zidovudine/lamivudine/nevirapine in human plasma using ion-pair HPLC B. Fan, J.T. Stewart (Athens, GA, USA)	903
The use of carbon paste electrode in the direct voltammetric determination of tryptophan in pharmaceutical formulations A.R. Fiorucci, É.T.G. Cavalheiro (São Carlos, Brazil)	909
Synthesis and characterization of pregabalin lactose conjugate degradation products M.J. Lovdahl, T.R. Hurley, B. Tobias, S.R. Priebe (Ann Arbor, MI, USA)	917

Determination of efavirenz, a selective non-nucleoside reverse transcriptase inhibitor, in human plasma using HPLC with post-column photochemical derivatization and fluorescence detection C.Z. Matthews, E.J. Woolf, R.S. Mazenko, H. Haddix-Wiener, C.M. Chavez-Eng, M.L. Constanzer (West Point, PA, USA), G.A. Doss (Rahway, NJ, USA), B.K. Matuszewski (West Point, PA, USA)	925
Rapid at-line analysis of coating thickness and uniformity on tablets using laser induced breakdown spectroscopy M.D. Mowery (West Point, PA, USA), R. Sing (Laval, Canada), J. Kirsch, A. Razaghi (West Point, PA, USA), S. Béchard (Laval, Canada), R.A. Reed (West Point, PA, USA)	935
Application of semi-automated metabolite identification software in the drug discovery process for rapid identification of metabolites and the cytochrome P450 enzymes responsible for their formation R. Ramanathan, D.L. McKenzie, M. Tugnait, K. Siebenaler (Ann Arbor, MI, USA)	945
An enzyme-linked immunosorbent assay for host cell protein contaminants in recombinant PEGylated staphylokinase mutant SY161 M. Wan, Y. Wang, S. Rabideau (Weston Parkway, NC, USA), R. Moreadith (Chapel Hill, NC, USA), J. Schrimsher, G. Conn (Weston Parkway, NC, USA)	953
Determination of delorazepam in urine by solid-phase microextraction coupled to high performance liquid chromatography A. Aresta, L. Monaci, C.G. Zambonin (Bari, Italy)	965
Interactions of oxyphenbutazone with different cyclodextrins in aqueous medium and in the solid state M.D. Veiga, M. Merino (Madrid, Spain)	973
Evaluation of the impurity profile of alcuronium by means of capillary electrophoresis M. Wedig, N. Novatchev, T. Worch, S. Laug, U. Holzgrabe (Würzburg, Germany)	983
Fast determination of retinol and α -tocopherol in plasma by LC M.A. Rodríguez-Delgado (La Laguna, Spain), J.F. Díaz-Flores Estévez, F. Díaz-Flores Estévez, C. Hernández Calzadilla (Santa Cruz de Tenerife, Spain), C. Díaz Romero (La Laguna, Spain)	991
<i>Short communications</i>	
LC determination and pharmacokinetics of meloxicam B. Dasandi, Shivaprakash, H. Saroj (Ahmedabad, India), K.M. Bhat (Gandhinagar, India)	999
Determination of matrine and oxymatrine in <i>Sophora subprostata</i> by CE Y.-R. Ku, L.-Y. Chang, J.-H. Lin, L.-K. Ho (Taipei, Taiwan, ROC)	1005

Number 6

Review

Development of validated stability-indicating assay methods—critical review M. Bakshi, S. Singh (Mohali, India)	1011
--	------

Regular papers

Stability indicating methods for the determination of loratadine in the presence of its degradation product N.A. El Ragehy, A.M. Badawey, S.Z.-E. Khateeb (Cairo, Egypt)	1041
Stability indicating LC method for the estimation of venlafaxine in pharmaceutical formulations S.N. Makhija, P.R. Vavia (Mumbai, India)	1055
Determination of the absolute configuration of 2-hydroxyglutaric acid and 5-oxoproline in urine samples by high-resolution NMR spectroscopy in the presence of chiral lanthanide complexes D. Bal, W. Gradowska, A. Gryff-Keller (Warsaw, Poland)	1061
Determination of ethylenediamine tetraacetic acid in injection forms by ion-pair chromatography C. Pistos, M. Parissi-Poulou (Athens, Greece)	1073
Accelerated dissolution testing for improved quality assurance P.-O. Quist, G. Östling (Södertälje, Sweden)	1081
Simultaneous spectrophotometric determination of mefenamic acid and paracetamol in a pharmaceutical preparation using ratio spectra derivative spectrophotometry and chemometric methods E. Dinç, C. Yücesoy, F. Onur (Ankara, Turkey)	1091
Examination of rofecoxib solution decomposition under alkaline and photolytic stress conditions B. Mao, A. Abraham, Z. Ge, D.K. Ellison, R. Hartman, S.V. Prabhu, R.A. Reamer, J. Wyvratt (Rahway, NJ, USA) .	1101
Simultaneous development of six LC–MS–MS methods for the determination of multiple analytes in human plasma W. Naidong, H. Bu, Y.-L. Chen, W.Z. Shou, X. Jiang, T.D.J. Halls (Madison, WI, USA)	1115
2,6-Dichloroquinone chlorimide and 7,7,8,8-tetracyanoquinodimethane reagents for the spectrophotometric determination of salbutamol in pure and dosage forms G.G. Mohamed, S.M. Khalil, M.A. Zayed, M.A.E.-H. El-Shall (Giza, Egypt)	1127

Quantitative analysis of mannitol polymorphs. FT-Raman spectroscopy S.N. Campbell Roberts, A.C. Williams, I.M. Grimsey (Bradford, UK), S.W. Booth (Hoddesdon, UK)	1135
Quantitative analysis of mannitol polymorphs. X-ray powder diffractometry—exploring preferred orientation effects S.N. Campbell Roberts, A.C. Williams, I.M. Grimsey (Bradford, UK), S.W. Booth (Hoddesdon, UK)	1149
Optimization and validation of a CZE method for rufloxacin hydrochloride determination in coated tablets S. Furlanetto, S. Orlandini, E.L. Porta, S. Coran, S. Pinzauti (Florence, Italy)	1161
Simultaneous analysis of flunitrazepam and its major metabolites in human plasma by high performance liquid chromatography tandem mass spectrometry M. Kollroser, C. Schober (Graz, Austria)	1173
Quantification of the anti-leukemia drug STI571 (Gleevec TM) and its metabolite (CGP 74588) in monkey plasma using a semi-automated solid phase extraction procedure and liquid chromatography-tandem mass spectrometry R. Bakhtiar, L. Khemani, M. Hayes, T. Bedman, F. Tse (East Hanover, NJ, USA)	1183
<i>Short communications</i>	
LC determination of enrofloxacin M.J. e Souza, C.F. Bittencourt, L.M. Morsch (Santa Maria, Brazil)	1195
LC determination of piroxicam in human plasma S. Dadashzadeh, A.M. Vali, N. Rezagholi (Tehran, Iran)	1201
Selective spectrophotometric determination of phenolic β -lactam antibiotics H. Salem (Minia, Egypt), G.A. Saleh (Assiut, Egypt)	1205
Spectrophotometric determination of alendronate in pharmaceutical formulations via complex formation with Fe(III) ions J. Kuljanin, I. Janković, J. Nedeljković (Belgrade, Yugoslavia), D. Prstojević, V. Marinković (Leskovac, Yugoslavia) . .	1215
Automatic potentiometric flow titration procedure for ascorbic acid determination in pharmaceutical formulations A.P.S. Paim (São Paulo, Brazil), C.M.N.V. Almeida (Porto, Portugal), B.F. Reis (São Paulo, Brazil), R.A.S. Lapa (Porto, Portugal), E.A.G. Zagatto (São Paulo, Brazil), J.L.F. Costa Lima (Porto, Portugal)	1221
Announcement	1227
Volume contents	1231
Author Index	1239
Subject Index	1245