

Author Index

- Artursson, P., see Toth, I. (105) 241
- Aungst, B.J.
Site-dependence and structure-effect relationships for alkylglycosides as transmucosal absorption promoters for insulin (105) 219
- Aungst, B.J., see Hussain, M.A. (105) 7
- Azemar, N., see García-Celma, M.J. (105) 77
- Beijnen, J.H., see Van der Houwen, O.A.G.J. (105) 249
- Bekers, O., see Van der Houwen, O.A.G.J. (105) 249
- Benaji, B., Dine, T., Goudaliez, F., Luyckx, M., Brunet, C., Mallevais, M.L., Gressier, B., Cazin, M. and Cazin, J.C.
Compatibility study of methotrexate with PVC bags after repackaging into two types of infusion admixtures (105) 83
- Bourbouze, R., see Nimier, K. (105) 235
- Briggner, L.-E., Buckton, G., Bystrom, K. and Darcy, P.
The use of isothermal microcalorimetry in the study of changes in crystallinity induced during the processing of powders (105) 125
- Brunet, C., see Benaji, B. (105) 83
- Brunet, C., see Faouzi, M.A. (105) 89
- Buckton, G., see Briggner, L.-E. (105) 125
- Bult, A., see Van der Houwen, O.A.G.J. (105) 249
- Bystrom, K., see Briggner, L.-E. (105) 125
- Carson, J.H., see Lamson, M.J. (105) 259
- Cavallaro, G., see Giammona, G. (105) 57
- Cavalli, R., see Morel, S. (105) R1
- Cazin, J.C., see Benaji, B. (105) 83
- Cazin, J.C., see Faouzi, M.A. (105) 89
- Cazin, M., see Benaji, B. (105) 83
- Cazin, M., see Faouzi, M.A. (105) 89
- Charman, W.N., see Pochopin, N.L. (105) 169
- Chester, D.C., see Lamson, M.J. (105) 259
- Chetoni, P., Crotti, P. and Saettone, M.F.
Albuterol prodrugs for ocular administration: synthesis and evaluation of the physico-chemical and IOP-depressant properties of three albuterol triesters (105) 147
- Chiang, C.-C., see Pavliv, L. (105) 227
- Clancy, M.J., Corish, J. and Corrigan, O.I.
A comparison of the effects of electrical current and penetration enhancers on the properties of human skin using spectroscopic (FTIR) and calorimetric (DSC) methods (105) 47
- Corish, J., see Clancy, M.J. (105) 47
- Corrigan, O.I., see Clancy, M.J. (105) 47
- Corrigan, O.I., see O'Reilly, J.R. (105) 137
- Cortesi, R., Esposito, E., Menegatti, E., Gambari, R. and Nastruzzi, C.
Gelatin microspheres as a new approach for the controlled delivery of synthetic oligonucleotides and PCR-generated DNA fragments (105) 181
- Crotti, P., see Chetoni, P. (105) 147
- Darcy, P., see Briggner, L.-E. (105) 125
- Davies, N.M., Farr, S.J., Kellaway, I.W., Taylor, G. and Thomas, M.
A comparison of the gastric retention of alginate containing tablet formulations with and without the inclusion of excipient calcium ions (105) 97
- Dine, T., see Benaji, B. (105) 83
- Dine, T., see Faouzi, M.A. (105) 89
- El-Bagory, I., Reid, B.D. and Mitchell, A.G.
The effect of gamma radiation on the tableting properties of some pharmaceutical excipients (105) 255
- Esposito, E., see Cortesi, R. (105) 181
- Fakes, M.G., see Morris, K.R. (105) 209
- Faouzi, M.A., Dine, T., Luyckx, M., Gressier, B., Goudaliez, F., Mallevais, M.L., Brunet, C., Cazin, M. and Cazin, J.C.
Leaching of diethylhexyl phthalate from PVC bags into intravenous teniposide solution (105) 89
- Farr, S.J., see Davies, N.M. (105) 97
- Flinn, N., see Toth, I. (105) 241
- Florence, A.T., see Jani, P.U. (105) 157
- Florence, A.T., see Yoshioka, T. (105) 1
- Fowler, S., see Jones, D.S. (105) 71
- Freebern, K., see Pavliv, L. (105) 227
- Fujita, T., see Takakura, Y. (105) 19
- Furitsu, H., see Takakura, Y. (105) 19
- Gambari, R., see Cortesi, R. (105) 181
- García-Celma, M.J., Azemar, N., Pes, M.A. and Solans, C.
Solubilization of antifungal drugs in water/POE(20) sorbitan monooleate/oil systems (105) 77
- Gasco, M.R., see Morel, S. (105) R1
- Ghanem, A.-H., see Inamori, T. (105) 113

- Giammona, G., Cavallaro, G., Pitarresi, G., Ventura, C. and Palazzo, S.
Synthesis and therapeutic potential of a macromolecular prodrug of dinflunisal (105) 57
- Gibbons, W.A., see Toth, I. (105) 241
- Goudaliez, F., see Benaji, B. (105) 83
- Goudaliez, F., see Faouzi, M.A. (105) 89
- Gressier, B., see Benaji, B. (105) 83
- Gressier, B., see Faouzi, M.A. (105) 89
- Hashida, M., see Takakura, Y. (105) 19
- Herbette, L.G., see Lamson, M.J. (105) 259
- Higuchi, W.I., see Inamori, T. (105) 113
- Hillery, A., see Toth, I. (105) 241
- Hino, T., see Morishima, K. (105) 11
- Hussain, M.A. and Aungst, B.J.
Nasal mucosal metabolism of an LH-RH fragment and inhibition with boroleucine (105) 7
- Inamori, T., Ghanem, A.-H., Higuchi, W.I. and Srinivasan, V.
Macromolecule transport in and effective pore size of ethanol pretreated human epidermal membrane (105) 113
- Jani, P.U., McCarthy, D.E. and Florence, A.T.
Titanium dioxide (rutile) particle uptake from the rat GI tract and translocation to systemic organs after oral administration (105) 157
- Jiménez-Castellanos, M.R., Zia, H. and Rhodes, C.T.
Design and testing in vitro of a bioadhesive and floating drug delivery system for oral application (105) 65
- Jones, D.S. and Fowler, S.
A preliminary report concerning the effects of Brolene® on the adherence of *Candida albicans* to human buccal epithelial cells and on hyphal development in vitro (105) 71
- Jones, D.S., see Schep, L.J. (105) 39
- Kadir, F., see Zuidema, J. (105) 189
- Kawashima, Y., see Morishima, K. (105) 11
- Kawashima, Y., see Morishima, K. (105) 11
- Kellaway, I.W., see Davies, N.M. (105) 97
- Kramer, P.A., see Lamson, M.J. (105) 259
- Lamson, M.J., Herbette, L.G., Peters, K.R., Carson, J.H., Morgan, F., Chester, D.C. and Kramer, P.A.
Effects of hexagonal phase induction by dolichol on phospholipid membrane permeability and morphology (105) 259
- Li Wan Po, A., see McCallion, R. (105) 103
- Luyckx, M., see Benaji, B. (105) 83
- Luyckx, M., see Faouzi, M.A. (105) 89
- Machida, Y., see Ohara, N. (105) 31
- Mallevais, M.L., see Benaji, B. (105) 83
- Mallevais, M.L., see Faouzi, M.A. (105) 89
- McCallion, R. and Li Wan Po, A.
Modelling transepidermal water loss under steady-state and non-steady-state relative humidities (105) 103
- McCarthy, D.E., see Jani, P.U. (105) 157
- Menegatti, E., see Cortesi, R. (105) 181
- Mitchell, A.G., see El-Bagory, I. (105) 255
- Morel, S., Gasco, M.R. and Cavalli, R.
Incorporation in lipospheres of [D-Tri-6]LHRH (105) R1
- Morgan, F., see Lamson, M.J. (105) 259
- Morishima, K., Kawashima, Y., Takeuchi, H., Niwa, T., Hino, T. and Kawashima, Y.
Tabletting properties of bucillamine agglomerates prepared by the spherical crystallization technique (105) 11
- Morris, K.R., Fakes, M.G., Thakur, A.B., Newman, A.W., Singh, A.K., Venit, J.J., Spagnuolo, C.J. and Serajuddin, A.T.M.
An integrated approach to the selection of optimal salt form for a new drug candidate (105) 209
- Nagai, T., see Ohara, N. (105) 31
- Nastruzzi, C., see Cortesi, R. (105) 181
- Newman, A.W., see Morris, K.R. (105) 209
- Nimir, K., Robic, D. and Bourbouze, R.
Macromolecular aggregation of F1 and P1 fractions of RU 41740 an immunomodulating compound isolated from *Klebsiella pneumoniae*, as revealed by size exclusion high-performance liquid chromatography and light scattering detection (105) 235
- Nishikawa, M., see Takakura, Y. (105) 19
- Niwa, T., see Morishima, K. (105) 11
- O'Driscoll, C.M., see O'Reilly, J.R. (105) 137
- Ohara, N., Takayama, K., Machida, Y. and Nagai, T.
Combined effect of *d*-limonene and temperature on the skin permeation of ketoprofen (105) 31
- O'Reilly, J.R., Corrigan, O.J. and O'Driscoll, C.M.
The effect of simple micellar systems on the solubility and intestinal absorption of clofazimine (B663) in the anaesthetised rat (105) 137
- Oussoren, C., see Zuidema, J. (105) 189
- Palazzo, S., see Giammona, G. (105) 57
- Pavliv, L., Freebern, K., Wilke, T., Chiang, C.-C., Shetty, B. and Tyle, P.
Topical formulation development of a novel thymidine synthase inhibitor for the treatment of psoriasis (105) 227
- Pes, M.A., see García-Celma, M.J. (105) 77
- Peters, K.R., see Lamson, M.J. (105) 259
- Pitarresi, G., see Giammona, G. (105) 57
- Pochopin, N.L., Charman, W.N. and Stella, V.J.
Kinetics of rearrangement and hydrolysis of amino acid derivatives of prazosin (105) 169
- Reid, B.D., see El-Bagory, I. (105) 255
- Rhodes, C.T., see Jiménez-Castellanos, M.R. (105) 65

- Roberts, R.J., Rowe, R.C. and York, P.
The Poisson's ratio of microcrystalline cellulose (105) 177
- Robic, D., see Nimier, K. (105) 235
- Rowe, R.C., see Roberts, R.J. (105) 177
- Saettone, M.F., see Chetoni, P. (105) 147
- Schep, G.P., see Schep, L.J. (105) 39
- Schep, L.J., Jones, D.S., Schep, G.P. and Shepherd, M.G.
A method to study the adherence of *Candida albicans* to human buccal epithelial cells in vitro using $^{35}\text{SO}_4$ radiolabelled blastospores and a PercollTM gradient (105) 39
- Serajuddin, A.T.M., see Morris, K.R. (105) 209
- Sezaki, H., see Takakura, Y. (105) 19
- Shepherd, M.G., see Schep, L.J. (105) 39
- Shetty, B., see Pavliv, L. (105) 227
- Singh, A.K., see Morris, K.R. (105) 209
- Solans, C., see García-Celma, M.J. (105) 77
- Spagnuolo, C.J., see Morris, K.R. (105) 209
- Srinivasan, V., see Inamori, T. (105) 113
- Stella, V.J., see Pochopin, N.L. (105) 169
- Sternberg, B., see Yoshioka, T. (105) 1
- Takakura, Y., Fujita, T., Furitsu, H., Nishikawa, M., Sezaki, H. and Hashida, M.
Pharmacokinetics of succinylated proteins and dextran sulfate in mice: Implications for hepatic targeting of protein drugs by direct succinylation via scavenger receptors (105) 19
- Takayama, K., see Ohara, N. (105) 31
- Takeuchi, H., see Morishima, K. (105) 11
- Taylor, G., see Davies, N.M. (105) 97
- Teeuwsen, J., see Van der Houwen, O.A.G.J. (105) 249
- Thakur, A.B., see Morris, K.R. (105) 209
- Thomas, M., see Davies, N.M. (105) 97
- Titulaer, H.A.C., see Zuidema, J. (105) 189
- Toth, I., Flinn, N., Hillery, A., Gibbons, W.A. and Artursson, P.
Lipidic conjugates of luteinizing hormone releasing hormone (LHRH)⁺ and thyrotropin releasing hormone (TRH)⁺ that release and protect the native hormones in homogenates of human intestinal epithelial (Caco-2) cells (105) 241
- Tyle, P., see Pavliv, L. (105) 227
- Underberg, W.J.M., see Van der Houwen, O.A.G.J. (105) 249
- Van der Houwen, O.A.G.J., Teeuwsen, J., Bekers, O., Beijnen, J.H., Bult, A. and Underberg, W.J.M.
Degradation kinetics of 7-N-(*p*-hydroxyphenyl)mitomycin C (M-83) in aqueous solution in the presence of γ -cyclo-dextrin (105) 249
- Venit, J.J., see Morris, K.R. (105) 209
- Ventura, C., see Giammona, G. (105) 57
- Wilke, T., see Pavliv, L. (105) 227
- York, P., see Roberts, R.J. (105) 177
- Yoshioka, T., Sternberg, B. and Florence, A.T.
Preparation and properties of vesicles (niosomes) of sorbitan monoesters (Span 20, 40, 60 and 80) and a sorbitan triester (Span 85) (105) 1
- Zia, H., see Jiménez-Castellanos, M.R. (105) 65
- Zuidema, J., Kadir, F., Titulaer, H.A.C. and Oussoren, C.
Release and absorption rates of intramuscularly and subcutaneously injected pharmaceuticals (II) (105) 189