

Author Index

- Aeed, P.A., see Scieszka, J.F. (53) 167
Ahlgren, R., see Wennergren, B. (53) 35
Aito, H., see Marvola, M. (53) 145
Akbuğa, J.
 Preparation and evaluation of controlled release furosemide microspheres by spherical crystallization (53) 99
Al-Assadi, H., see Baillie, A.J. (53) 241
Alexander, J., see Carter, K.C. (53) 129
Aungst, B.J. and Rogers, N.J.
 Comparison of the effects of various transmucosal absorption promoters on buccal insulin delivery (53) 227

Baillie, A.J., Al-Assadi, H. and Florence, A.T.
 Influence of non-ionic surfactant structure on motility inhibition of *Tetrahymena elliotti*: a model for surfactant-membrane interactions (53) 241
Baillie, A.J., see Carter, K.C. (53) 129
Barry, M.D. and Rowe, R.C.
 The characterisation by small-angle X-ray scattering of a pharmaceutical gel with a lamellar structure (53) 139
Bégué, J.-M., see Rolland, A. (53) 67
Boddé, H.E., Kruithof, M.A.M., Brussee, J. and Koerten, H.K.
 Visualisation of normal and enhanced HgCl₂ transport through human skin in vitro (53) 13
Boddé, H.E., see Tiemessen, H.L.G.M. (53) 119
Bodor, N., Venkatraghavan, V., Winwood, D., Estes, K. and Brewster, M.E.
 Improved delivery through biological membranes. XLI.
 Brain-enhanced delivery of chlorambucil (53) 195
Bodor, N., see El-Koussi, A.A. (53) 189
Boussard, P., Devleeschouwer, M.J. and Dony, J.
 Prevention of the adhesion of *Pseudomonas aeruginosa* to human buccal epithelial cells (53) 253
Brewster, M.E., see Bodor, N. (53) 195
Brussee, J., see Boddé, H.E. (53) 13
Butterworth, P., see Thomas, N.W. (53) 261

Carlucci, G., Colanzi, A., Mazzeo, P. and Quaglia, M.G.
 Determination of 2-aminopyridine in piroxicam by derivative UV-spectrophotometry (53) 257
Carter, K.C., O'Grady, J., Dolan, T.F., Baillie, A.J., Alexander, J. and Keys, J.
 A direct comparison of sodium stibogluconate treatment in two animal models of human visceral leishmaniasis, mouse and hamster (53) 129
Chiam, S.-F., see Hu, O.Y.-P. (53) 85
Cho, M.J., see Scieszka, J.F. (53) 167
Chu, M.-L., see Hu, O.Y.-P. (53) 85

Chung, P.-H., see Hu, O.Y.-P. (53) 85
Colanzi, A., see Carlucci, G. (53) 257

Davis, S.S., see Johnson, O.L. (53) 237
Davis, S.S., see Khosla, R. (53) 107
Devleeschouwer, M.J., see Boussard, P. (53) 253
Dolan, T.F., see Carter, K.C. (53) 129
Dony, J., see Boussard, P. (53) 253

Ebian, A.R., see Nada, A.H. (53) 175
Eickhoff, W.M., see Fong, G.W. (53) 91
El-Koussi, A.A. and Bodor, N.
 Formation of propranolol in the iris-ciliary body from its propranolol ketoxime precursor - a potential antiglaucoma drug (53) 189
Elkins, J., see Shah, V.P. (53) 53
El Sirag, O., see El Turabi, H. (53) 249
El Turabi, H., El Sirag, O., Homeida, M.M.A., Harron, D.W.G. and Leahey, W.J.
 Paracetamol pharmacokinetics in patients with hepatosplenic schistosomiasis (53) 249
Elujuba, A.A., Nagels, L., Sofowora, A. and van Dongen, W.
 Chromatographic analysis of antischistling compounds in *Zanthoxylum* species (53) R1
Estes, K., see Bodor, N. (53) 195
Etman, M.A., see Nada, A.H. (53) 175

Feely, L.C., see Khosla, R. (53) 107
Florence, A.T., see Baillie, A.J. (53) 241
Fong, G.W. and Eickhoff, W.M.
 Liquid chromatographic determination of amines in complex cough-cold formulations (53) 91
Fujita, Y., see Katsu, T. (53) 61

Gould, P.L., see Thomas, N.W. (53) 261
Greenway, M.J., see Jones, S.P. (53) 43
Guillouzo, A., see Rolland, A. (53) 67

Harboe, E., Larsen, C., Johansen, M. and Olesen, H.P.
 Macromolecular prodrugs. XIV. Absorption characteristics of naproxen after oral administration of a dextran T-70-naproxen ester prodrug in pigs (53) 157
Harron, D.W.G.
 Digoxin pharmacokinetic modelling - 10 years later (53) 181
Harron, D.W.G., see El Turabi, H. (53) 249
Homeida, M.M.A., see El Turabi, H. (53) 249

- Hu, O.Y.-P., Liou, W.-S., Su, T.-J., Chiam, S.-F., Lai, J.-S., Chu, M.-L. and Chung, P.-H.
Pharmacokinetic properties of intramuscular gentamicin in Chinese subjects (53) 85
- Imai, T., Saito, Y., Matsumoto, H., Satoh, T. and Otagiri, M.
Influence of egg albumin on dissolution of several drugs (53) 7
- Johansen, M., see Harboe, E. (53) 157
- Johnson, O.L., Washington, C., Davis, S.S. and Schaupp, K.
The destabilization of parenteral feeding emulsions by heparin (53) 237
- Jones, S.P., Greenway, M.J. and Orr, N.A.
The influence of receptor fluid on in vitro percutaneous penetration (53) 43
- Junginger, H.E., see Tiemessen, H.L.G.M. (53) 119
- Kannikoski, A., see Marvola, M. (53) 145
- Katsu, T., Kuroko, M., Sanchika, K., Morikawa, T., Kurosaki, Y., Nakayama, T., Kimura, T. and Fujita, Y.
Interaction of 1-dodecylazacycloheptan-2-one (Azone) with erythrocyte membrane (53) 61
- Kellaway, I.W., see Smart, J.D. (53) 79
- Keys, J., see Carter, K.C. (53) 129
- Khosla, R., Feely, L.C. and Davis, S.S.
Gastrointestinal transit of non-disintegrating tablets in fed subjects (53) 107
- Kimura, T., see Katsu, T. (53) 61
- Koerten, H.K., see Boddé, H.E. (53) 13
- Krahn, F.U. and Mielck, J.B.
Effect of type and extent of crystalline order on chemical and physical stability of carbamazepine (53) 25
- Kruithof, M.A.M., see Boddé, H.E. (53) 13
- Kuroko, M., see Katsu, T. (53) 61
- Kurosaki, Y., see Katsu, T. (53) 61
- Lai, J.-S., see Hu, O.Y.-P. (53) 85
- Lam, S.-Y., see Shah, V.P. (53) 53
- Larsen, C., see Harboe, E. (53) 157
- Leahy, W.J., see El Turabi, H. (53) 249
- Le Verge, R., see Rolland, A. (53) 67
- Li, V.H.-K. and Robinson, J.R.
Solution viscosity effects on the ocular disposition of cromolyn sodium in the albino rabbit (53) 219
- Lindberg, J., see Wennergren, B. (53) 35
- Liou, W.-S., see Hu, O.Y.-P. (53) 85
- Marvola, M., Kannikoski, A., Aito, H. and Nykänen, S.
The effect of food on gastrointestinal transit and drug absorption of a multiparticulate sustained-release verapamil formulation (53) 145
- Matsumoto, H., see Imai, T. (53) 7
- Mazzeo, P., see Carlucci, G. (53) 257
- Mielck, J.B., see Krahn, F.U. (53) 25
- Mikos, A.G. and Peppas, N.A.
Measurement of the surface tension of mucin solutions (53) 1
- Mollee, H., see Tiemessen, H.L.G.M. (53) 119
- Morikawa, T., see Katsu, T. (53) 61
- Nada, A.H., Etman, M.A. and Ebian, A.R.
In vitro adsorption of mepyramine maleate onto some adsorbents and antacids (53) 175
- Nagels, L., see Elujoba, A.A. (53) R1
- Nakayama, T., see Katsu, T. (53) 61
- Nicklasson, M., see Wennergren, B. (53) 35
- Nilsson, G., see Wennergren, B. (53) 35
- Nyberg, G., see Wennergren, B. (53) 35
- Nykänen, S., see Marvola, M. (53) 145
- O'Grady, J., see Carter, K.C. (53) 129
- Olesen, H.P., see Harboe, E. (53) 157
- Orr, N.A., see Jones, S.P. (53) 43
- Otagiri, M., see Imai, T. (53) 7
- Palm, B., see Wennergren, B. (53) 35
- Park, K.
A new approach to study mucoadhesion: colloidal gold staining (53) 209
- Peppas, N.A., see Mikos, A.G. (53) 1
- Persson, C., see Wennergren, B. (53) 35
- Quaglia, M.G., see Carlucci, G. (53) 257
- Robinson, J.R., see Li, V.H.-K. (53) 219
- Rogers, N.J., see Aungst, B.J. (53) 227
- Rolland, A., Bégué, J.-M., Le Verge, R. and Guillouzo, A.
Increase of doxorubicin penetration in cultured rat hepatocytes by its binding to polymethacrylic nanoparticles (53) 67
- Rowe, R.C.
Interactions in coloured powders and tablet formulations: a theoretical approach based on solubility parameters (53) 47
- Rowe, R.C.
Surface free energy and polarity effects in the granulation of a model system (53) 75
- Rowe, R.C., see Barry, M.D. (53) 139
- Saito, Y., see Imai, T. (53) 7
- Sanchika, K., see Katsu, T. (53) 61
- Satoh, T., see Imai, T. (53) 7
- Schaupp, K., see Johnson, O.L. (53) 237
- Scieszka, J.F., Aeed, P.A., Welch, D.R. and Cho, M.J.
Neutrophil-mediated transfer of polar substances from liposomes to mammary tumor cells in vitro (53) 167
- Shah, V.P., Elkins, J., Lam, S.-Y. and Skelly, J.P.
Determination of in vitro drug release from hydrocortisone creams (53) 53
- Skelly, J.P., see Shah, V.P. (53) 53
- Smart, J.D. and Kellaway, I.W.
Pharmaceutical factors influencing the rate of gastrointestinal transit in an animal model (53) 79
- Sofowora, A., see Elujoba, A.A. (53) R1
- Su, T.-J., see Hu, O.Y.-P. (53) 85

- Thomas, N.W., Butterworth, P. and Gould, P.L.
The effect of Polyethylene glycol 1540 and Witepsol H12
suppositories on the store of rectal mucus in the rat (53)
261
- Tiemessen, H.L.G.M., Boddé, H.E., Mollee, H. and Junginger,
H.E.
A human stratum corneum–silicone membrane sandwich to
simulate drug transport under occlusion (53) 119
- Van Dongen, W., see Elujoba, A.A. (53) R1
- Venkatraghavan, V., see Bodor, N. (53) 195
- Washington, C., see Johnson, O.L. (53) 237
- Welch, D.R., see Scieszka, J.F. (53) 167
- Wennergren, B., Lindberg, J., Nicklasson, M., Nilsson, G.,
Nyberg, G., Ahlgren, R., Persson, C. and Palm, B.
A collaborative in vitro dissolution study: comparing the
flow-through method with the USP paddle method using
USP prednisone calibrator tablets (53) 35
- Winwood, D., see Bodor, N. (53) 195