

Author Index

- Ackermann, C., see Van der Merwe, E. (44) 71
Ahmed, I. and Chaudhuri, B.
 Evaluation of buffer systems in ophthalmic product development (44) 97
Alsina, M.A., see Reig, F. (44) 257
Alsina, M.A., see Reig, F. (44) 269

Barnes, A.R. and Sugden, J.K.
 Detection of photolytically produced hydroxyl radicals by reaction with 2,2,2-trichloroethanol (44) 31
Becker, A.R., see Powell, M.F. (44) 225
Bell, A.E., see Martin, G.P. (44) 57
Benson, H.A.E., McElnay, J.C. and Harland, R.
 Phonophoresis of lignocaine and prilocaine from Emla cream (44) 65
Bridges, J.F., Woodley, J.F., Duncan, R. and Kopeček, J.
 Soluble *N*-(2-hydroxypropyl)methacrylamide copolymers as a potential oral, controlled-release, drug delivery system. I. Bioadhesion to the rat intestine in vitro (44) 213
Buckton, G.
 The assessment, and pharmaceutical importance, of the solid/liquid and the solid/vapour interface: a review with respect to powders (44) 1
Bundgaard, H., Nielsen, N.M. and Buur, A.
 Aspirin prodrugs: synthesis and hydrolysis of 2-acetoxybenzoate esters of various *N*-(hydroxyalkyl)amides (44) 151
Busquets, M.A., see Reig, F. (44) 257
Buur, A., see Bundgaard, H. (44) 151

Caramella, C., Colombo, P., Conte, U., Ferrari, F., Gazzaniga, A., LaManna, A. and Peppas, N.A.
 A physical analysis of the phenomenon of tablet disintegration (44) 177
Carrupt, P.-A., see Röthlisberger, T. (44) 141
Casabó, V.G., see Collado, E.F. (44) 187
Chaudhuri, B., see Ahmed, I. (44) 97
Chen, S., see Powell, M.F. (44) 225
Chien, Y.W., see Liu, J.-C. (44) 197
Collado, E.F., Fabra-Campos, S., Peris-Ribera, J.E., Casabó, V.G., Martín-Villodre, A. and Plá-Delfina, J.M.
 Absorption-partition relationships for true homologous series of xenobiotics as a possible approach to study mechanisms of surfactants in absorption. II. Aromatic amines in rat small intestine (44) 187
Colombo, P., see Caramella, C. (44) 177
Conte, U., see Caramella, C. (44) 177

Davis, S.S., see Feely, L.C. (44) 131
Davis, S.S., see Washington, C. (44) 169
Duncan, R., see Bridges, J.F. (44) 213

Eshra, A.G., Etman, M.A. and Naggar, V.F.
 Effect of milk and food on the bioavailability of ketoprofen in man (44) 9
Etman, M.A., see Eshra, A.G. (44) 9
Etter, J.-C., see Röthlisberger, T. (44) 141

Fabra-Campos, S., see Collado, E.F. (44) 187
Fairbrother, J.E., see Queen, D. (44) 25
Fassihi, A.R.
 Consolidation behaviour of polymeric substances in non-disintegration solid matrices (44) 249
Feely, L.C. and Davis, S.S.
 The influence of polymeric excipients on drug release from hydroxypropylmethylcellulose matrices (44) 131
Ferrari, F., see Caramella, C. (44) 177
Friedman, M., Harrari, D., Rimer, A. and Stabholz, A.
 Inhibition of plaque formation by a sustained release delivery system for cetylpyridinium chloride (44) 243
Fujihara, Y., see Kaneo, Y. (44) 265
Furuya, Y., see Takada, K. (44) 107

García Antón, J.M., see Reig, F. (44) 257
García Antón, J.M., see Reig, F. (44) 269
Gazzaniga, A., see Caramella, C. (44) 177
Gould, P.L., see Thomas, N.W. (44) 261

Habib, M.J. and Rogers, J.A.
 Kinetics of hydrolysis and stabilization of acetylsalicylic acid in liposome formulations (44) 235
Hannula, A.-M., see Marvola, M. (44) 159
Happonen, I., see Marvola, M. (44) 159
Harland, R., see Benson, H.A.E. (44) 65
Harrari, D., see Friedman, M. (44) 243
Higuchi, T., see Nghiem, B.T. (44) 125
Hung, C.T., Lam, F.C., Perrier, D.G. and Souter, A.
 A stability study of amphotericin B in aqueous media using factorial design (44) 117
Iguchi, S., see Kaneo, Y. (44) 265

Jalal, I., see Najib, N. (44) 43

- Kaneo, Y., Tanaka, T., Fujihara, Y., Mori, H. and Iguchi, S.
Delivery of glutathione, as a dextran conjugate, into the liver (44) 265
- Kenley, R.A., see Powell, M.F. (44) 225
- Kim, W.B., see Lee, K.C. (44) 49
- Kinget, R., see Provost, C. (44) 75
- Koh, I.B., see Lee, K.C. (44) 49
- Kojima, M., see Sasaki, H. (44) 15
- Kopeček, J., see Bridges, J.F. (44) 213
- Kopra, T., see Marvola, M. (44) 159
- Lack, L.J., see Thomas, N.W. (44) 261
- Lam, F.C., see Hung, C.T. (44) 117
- LaManna, A., see Caramella, C. (44) 177
- Lee, K.C., Koh, I.B., Kim, W.B. and Lee, Y.J.
Size and morphological analysis of albumin microspheres in the lungs and liver of mice (44) 49
- Lee, Y.J., see Lee, K.C. (44) 49
- Li, J., see Liu, J.-C. (44) 197
- Liu, J.-C., Sun, Y., Siddiqui, O., Chien, Y.W., Shi, W. and Li, J.
Blood glucose control in diabetic rats by transdermal iontophoretic delivery of insulin (44) 197
- Magill, A., see Powell, M.F. (44) 225
- Marriott, C., see Martin, G.P. (44) 57
- Marriott, C., see Queen, D. (44) 25
- Martin, G.P., Bell, A.E. and Marriott, C.
An in vitro method for assessing particle deposition from metered pressurised aerosols and dry powder inhalers (44) 57
- Martin, G.P., see Queen, D. (44) 25
- Martin-Villodre, A., see Collado, E.F. (44) 187
- Marvola, M., Hannula, A.-M., Westermarck, E., Happonen, I. and Kopra, T.
Disintegration of hard gelatin capsule formulations in the dog stomach — a radiological study (44) 159
- Mayer, J.M., see Röthlisberger, T. (44) 141
- McElnay, J.C., see Benson, H.A.E. (44) 65
- McTiernan, R.G., see Sloan, K.B. (44) 87
- Mestres, C., see Reig, F. (44) 269
- Mori, H., see Kaneo, Y. (44) 265
- Mori, Y., see Sasaki, H. (44) 15
- Muranishi, S., see Takada, K. (44) 107
- Naggar, V.F., see Eshra, A.G. (44) 9
- Najib, N. and Jalal, I.
Correlation between dissolution and disintegration rate constants for acetaminophen tablets (44) 43
- Nakamura, J., see Sasaki, H. (44) 15
- Nghiem, B.T. and Higuchi, T.
Esterase activity in snake skin (44) 125
- Nielsen, N.M., see Bundgaard, H. (44) 151
- Oka, T., see Takada, K. (44) 107
- Palin, K.J., see Thomas, N.W. (44) 261
- Peppas, N.A., see Caramella, C. (44) 177
- Peris-Ribera, J.E., see Collado, E.F. (44) 187
- Perrier, D.G., see Hung, C.T. (44) 117
- Plá-Delfina, J.M., see Collado, E.F. (44) 187
- Polli, G.P., see Williams, N.A. (44) 205
- Powell, M.F., Magill, A., Becker, A.R., Kenley, R.A., Chen, S. and Visor, G.C.
Non-steroidal anti-psoriatic prodrugs. II. Citric acid stabilization of lonapalene in various alcohol media and an ointment formulation (44) 225
- Provost, C. and Kinget, R.
Transparent oil-water gels: a study of some physicochemical and biopharmaceutical characteristics. Part I. Formation of transparent oil-water gels in the 4-component-system of Eumulgin B3, Cetiol HE, isopropyl palmitate, and water (44) 75
- Queen, D., Martin, G.P., Marriott, C. and Fairbrother, J.E.
Assessment of the potential of a new hydrocolloid dermatological patch (Actiderm) in the treatment of steroid-responsive dermatoses (44) 25
- Reig, F., Busquets, M.A., García Antón, J.M., Valencia, G. and Alsina, M.A.
Interaction of analgesics with lecithin and ganglioside monolayers (44) 257
- Reig, F., Mestres, C., García Antón, J.M., Valencia, G. and Alsina, M.A.
Penetration of morphine and naloxone in phosphatidylserine monolayers (44) 269
- Rimer, A., see Friedman, M. (44) 243
- Rogers, J.A., see Habib, M.J. (44) 235
- Röthlisberger, T., Testa, B., Carrupt, P.-A., Mayer, J.M. and Etter, J.-C.
The influence of hydration and structure-promoting effects on the viscosity of binary solvent mixtures (44) 141
- Sasaki, H., Kojima, M., Mori, Y., Nakamura, J. and Shibasaki, J.
Enhancing effect of pyrrolidone derivatives on transdermal drug delivery. I. (44) 15
- Sherertz, E.F., see Sloan, K.B. (44) 87
- Shi, W., see Liu, J.-C. (44) 197
- Shibasaki, J., see Sasaki, H. (44) 15
- Siddiqui, O., see Liu, J.-C. (44) 197
- Sloan, K.B., Sherertz, E.F. and McTiernan, R.G.
The effect of structure of Mannich base prodrugs on their ability to deliver theophylline and 5-fluorouracil through hairless mouse skin (44) 87
- Souter, A., see Hung, C.T. (44) 117
- Stabholz, A., see Friedman, M. (44) 243
- Sugden, J.K., see Barnes, A.R. (44) 31
- Sun, Y., see Liu, J.-C. (44) 197

- Takada, K., Furuya, Y., Yoshikawa, H., Muranishi, S., Yasumura, T. and Oka, T.
Increased systemic availability of cyclosporin A by formulation design: pharmacokinetic consideration on its transport (44) 107
- Tanaka, T., see Kaneo, Y. (44) 265
- Testa, B., see Röthlisberger, T. (44) 141
- Thomas, N.W., Lack, L.J., Woodhouse, B.A., Palin, K.J. and Gould, P.L.
Formulation of Fenbufen suppositories. III. Histology of the rectal mucosa of rats following repeat dosing of Fenbufen in Witepsol H12 and PEG vehicles (44) 261
- Valencia, G., see Reig, F. (44) 257
- Valencia, G., see Reig, F. (44) 269
- Van der Merwe, E., Ackermann, C. and Van Wyk, C.J.
Factors affecting the permeability of urea and water through nude mouse skin in vitro. I. Temperature and time of hydration (44) 71
- Van Wyk, C.J., see Van der Merwe, E. (44) 71
- Visor, G.C., see Powell, M.F. (44) 225
- Washington, C. and Davis, S.S.
The production of parenteral feeding emulsions by Microfluidizer (44) 169
- Westermarck, E., see Marvola, M. (44) 159
- Williams, N.A. and Polli, G.P.
Differential scanning calorimetric studies on frozen cephalosporin solutions (44) 205
- Woodhouse, B.A., see Thomas, N.W. (44) 261
- Woodley, J.F., see Bridges, J.F. (44) 213
- Yasumura, T., see Takada, K. (44) 107
- Yoshikawa, H., see Takada, K. (44) 107

Noticeboard

11–16 June 1988

16th International Congress of Chemotherapy, Jerusalem, Israel. (Contact: Prof. E. Rubinstein, P.O.B. 983, Jerusalem 91009, Israel. Tel. (972) 2 527335, 533717 or 536151 (3149). Telex: 341171 KENS IL. Telefax: (972) 3 655674.

15–19 August 1988

15th International Symposium on Controlled Release of Bioactive Materials, European World Trade and Convention Center, Basel, Switzerland. (Contact: (For North America) Administrative Office, Controlled Release Society, 16 Nottingham Drive, Lincolnshire, IL 60015, U.S.A. Tel. (312) 940-4277. (For Other Countries) Symporg SA, 108 Route de Frontenex, CH-1208 Geneva, Switzerland. Tel. (41)-(22) 863744)

1–3 September 1988

8th CIRD Symposium "Advances in Skin Pharmacology: Pharmacology of Retinoids in the Skin", Cannes, France.

(Send approx. 300 word abstracts for formal or poster presentation to: Dr. B. Shroet, Centre International de Recherches Dermatologiques, Sophia Antipolis, F-06565 Valbonne, France.)

28–30 September 1988

Third International Conference on Drug Absorption, Edinburgh, U.K. (Contact: Dr. I. Sword, Inveresk Research International Ltd., Musselburgh EH21 7UB, Scotland, U.K. Tel.: (031) 665 6881; Telefax: (031) 665 9976; Telex: 727228.)

30 October–4 November 1988

The Federation of Analytical Chemistry and Spectroscopic Societies (FACSS) will hold a forum in the Hynes Convention Center, Boston, MA, U.S.A. (Contact: Edward G. Brame, Jr. (FACSS Exhibit Director), 13 North Cliffe Dr., Wilmington, DE 19089, U.S.A. Tel. (302) 798-5161.)