

## Author Index

- Artursson, P. and Sjöholm, I., Effect of opsonins on the macrophage uptake of polyacryl starch microparticles, 165  
Attia, M.A., see Kassem, M.A., 47  
Audus, K.L., see Rim, S., 79
- Bechard, S. and McMullen, J.N., Diffusional release of a solute from a porous polymeric matrix, 71  
Beihn, R.M., see Parr, A., 251  
Beijnen, J.H., Fokkens, R.H., Rosing, H. and Underberg, W.J.M., Degradation of mitomycin C in acid phosphate and acetate buffer solutions, 111  
Beijnen, J.H., Van der Houwen, O.A.G.J. and Underberg, W.J.M., Aspects of the degradation kinetics of doxorubicin in aqueous solution, 123  
Birmančević, M., see Sekulović, D., 269  
Bocci, V., Muscettola, M. and Naldini, A., The lymphatic route. IV. Pharmacokinetics of human recombinant interferon  $\alpha_2$  and natural interferon  $\beta$  administered intradermally in rabbits, 103  
Borchardt, R.T., see Rim, S., 79  
Boussard, P., Devleeschouwer, M.J., Otten, M. and Dony, J., Influence of chloramphenicol on the sensitivity of *Pseudomonas aeruginosa* to chloroxylenol and crystal violet, 91  
Boussard, P., see Devleeschouwer, M.J., 55  
Brookes, L.G., see Gilbert, J.C., 223  
Burgess, D.J. and Carless, J.E., Microelectrophoretic behaviour of gelatin and acacia complex coacervates and indomethacin microcapsules, 207  
Bye, A., see Gilbert, J.C., 223
- Carless, J.E., see Burgess, D.J., 207  
Coombes, R., see Jacobs, G.P., 151
- Davis, S.S., Hardy, J.G., Wilson, C.G., Feely, L.C. and Palin, K.J., Gastrointestinal transit of a controlled release naproxen tablet formulation, 85  
De Meere, A.L.J., see Grünbauer, H.J.M., 187  
Devleeschouwer, M.J., Boussard, P., Momin, P. and Dony, J., Difference of *Pseudomonas aeruginosa* sensitivity to chloroxylenol according to the culture medium, 55  
Devleeschouwer, M.J., see Vincke, B.J., 61  
Devleeschouwer, M.J., see Boussard, P., 91  
Dobrilovic, L., see Jacobs, G.P., 151  
Dony, J., see Devleeschouwer, M.J., 55  
Dony, J., see Vincke, B.J., 61  
Dony, J., see Boussard, P., 91  
Droin, A., see Eddine, A., 143
- Eddine, A., Droin, A., Taverdet, J.L. and Vergnaud, J.M., Effect of pH on drug release between sodium salicylate–Eudragit compound and gastric liquid: modelling of the process, 143
- Fassihi, A.R., Mechanisms of disintegration and compactibility of disintegrants in a direct compression system, 93  
Feely, L.C., see Davis, S.S., 85  
Fokkens, R.H., see Beijnen, J.H., 111
- Gilbert, J.C., Hadgraft, J., Bye, A. and Brookes, L.G., Drug release from Pluronic F-127 gels, 223  
Grünbauer, H.J.M., De meere, A.L.J. and Van Rooij, H.H., Local composition models in pharmaceutical chemistry. III. Prediction of drug solubility in binary aqueous mixtures, 187  
Guy, R.H. and Hadgraft, J., Interpretation and prediction of the kinetics of transdermal drug delivery: oestradiol, hyoscine and timolol, 159
- Habib, F.S., see Kassem, M.A., 47  
Hadgraft, J., Walters, K.A. and Wotton, P.K., Facilitated percutaneous absorption: a comparison and evaluation of two in vitro models, 257  
Hadgraft, J., see Guy, R.H., 159  
Hadgraft, J., see Gilbert, J.C., 223  
Hansen, S.H., HPLC assay of the opiates in opium and cough mixtures using dynamically modified silica and UV absorbance, fluorescence and electrochemical detection, 7  
Hardy, J.G., see Davis, S.S., 85  
Hemgesberg, E., see Loth, H., 265  
Higuchi, W.I., see Morimoto, Y., 31  
Hilton, J.E. and Summers, M.P., The effect of polyvinylpyrrolidones on intestinal ulceration caused by indomethacin, 13  
Hoelgaard, A., see Johansen, M., 199  
Hosoya, K., see Morimoto, Y., 31  
Howe, K.D., see Rosen, A., 171
- Jacobs, G.P., Dobrilovic, L., Coombes, R. and Raghaven, N., HPLC analysis of  $\gamma$ -irradiated  $\beta$ -lactam antibiotics, 151  
Jay, M., see Parr, A., 251  
Johansen, M., Møllgaard, B., Wotton, P.K., Larsen, C. and Hoelgaard, A., In vitro evaluation of dermal prodrug delivery – transport and bioconversion of a series of aliphatic esters of metronidazole, 199

- Kassem, M.A., Attia, M.A., Habib, F.S. and Mohamed, A.A., Activity of ophthalmic gels of betamethasone and phenylephrine hydrochloride in the rabbit's eye, 47
- Kou, F.Y., see Law, S.L., 237
- Larsen, C., see Johansen, M., 199
- Law, S.L., Lo, W.Y., Pai, S.H., Teh, G.W. and Kou, F.Y., The adsorption of bovine serum albumin by liposomes, 237
- Lo, W.Y., see Law, S.L., 237
- Loth, H. and Hemgesberg, E., Properties and dissolution of drugs micronized by crystallization from supercritical gases, 265
- Macheras, P., see Rosen, A., 171
- Mailloux, A.T., see Mitra, A.K., 133
- Malakh, A., see Najib, N.M., 229
- Martinez-Pacheco, R., Vila-Jato, J.L., Souto, C. and Ramos, T., Controlled release of cephalexin from double-layer tablets containing small proportions of acrylic resins, 99
- McMullen, J.N., see Bechard, S., 71
- Mitchell, A.G., see Suryanarayanan, R., 213
- Mitra, A.K. and Mailloux, A.T., Mitomycin C pharmacokinetics in rats – effect of dose size, 133
- Mohamed, A.A., see Kassem, M.A., 47
- Møllgaard, B., see Johansen, M., 199
- Momin, P., see Devleeschouwer, M.J., 55
- Morimoto, Y., Sugibayashi, K., Hosoya, K. and Higuchi, W.I., Penetration enhancing effect of Azone on the transport of 5-fluorouracil across the hairless rat skin, 31
- Muscettola, M., see Bocci, V., 103
- Nagappa, A.N., see Tandon, A., 39
- Najib, N.M., Suleiman, M. and Malakh, A., Characteristics of the in vitro release of ibuprofen from polyvinylpyrrolidone solid dispersions, 229
- Naldini, A., see Bocci, V., 103
- Nimmerfall, F. and Rosenthaler, J., Modified release of drug: a way to its quantification, 1
- Otten, M., see Boussard, P., 91
- Pai, S.H., see Law, S.L., 237
- Palin, K.J., see Davis, S.S., 85
- Parr, A., Beihn, R.M. and Jay, M., Radiolabeling of an enteric coated tablet by ( $n, \gamma$ ) radioactivation of erbium-170 for scintigraphic imaging, 251
- Patriarche, G.J., see Vincke, B.J., 61
- Prakongpan, S., see Swarbrick, J., 21
- Quincey, S.M., see Staniforth, J.N., 177
- Raghavan, N., see Jacobs, G.P., 151
- Ramos, T., see Martinez-Pacheco, R., 99
- Rim, S., Audus, K.L. and Borchardt, R.T., Relationship of octanol/buffer and octanol/water partition coefficients to transcellular diffusion across brain microvessel endothelial cell monolayers, 79
- Rosen, A., Macheras, P. and Howe, K.D., The use of constant volume ultrafiltration for dissolution studies, 171
- Rosenthaler, J., see Nimmerfall, F., 1
- Rosing, H., see Beijnen, J.H., 111
- Sekulović, D. and Birmančević, M., Investigation of the properties of phenacetin tablets: dependence on the concentration of binding and disintegration agents, 269
- Shah, V.P., Tymes, N.W., Yamamoto, L.A. and Skelly, J.P., In vitro dissolution profile of transdermal nitroglycerin patches using paddle method, 243
- Sjöholm, I., see Artursson, P., 165
- Skelly, J.P., see Shah, V.P., 243
- Souto, C., see Martinez-Pacheco, R., 99
- Srivastava, R.C., see Tandon, A., 39
- Staniforth, J.N. and Quincey, S.M., Granulation monitoring in a planetary mixer using a probe vibration analysis technique, 177
- Sugibayashi, K., see Morimoto, Y., 31
- Suleiman, M., see Najib, N.M., 229
- Summers, M.P., see Hilton, J.E., 13
- Suryanarayanan, R. and Mitchell, A.G., Phase transitions of calcium gluceptate, 213
- Suzuki, K., see Swarbrick, J., 21
- Swarbrick, J., Prakongpan, S. and Suzuki, K., Sustained release delivery systems. III. Preparation and in vitro dissolution of surface-reacted dapsone particles, 21
- Tandon, A., Nagappa, A.N. and Srivastava, R.C., Liquid membrane phenomenon in vitamin E: studies on  $\alpha$ -tocopherol, 39
- Taverdet, J.L., see Eddine, A., 143
- Teh, G.W., see Law, S.L., 237
- Tymes, N.W., see Shah, V.P., 243
- Underberg, W.J.M., see Beijnen, J.H., 111
- Underberg, W.J.M., see Beijnen, J.H., 123
- Van der Houwen, O.A.G.J., see Beijnen, J.H., 123
- Van Rooij, H.H., see Grünbauer, H.J.M., 187
- Vergnaud, J.M., see Eddine, A., 143
- Vila-Jato, J.L., see Martinez-Pacheco, R., 99
- Vincke, B.J., Devleeschouwer, M.J., Dony, J. and Patriarche, G.J.,  $\Delta 1,4$ -androsteradiene-3,17-dione using gas chromatography, 61
- Walters, K.A., see Hadgraft, J., 257
- Wilson, C.G., see Davis, S.S., 85
- Wotton, P.K., see Johansen, M., 199
- Wotton, P.K., see Hadgraft, J., 257
- Yamamoto, L.A., see Shah, V.P., 243