

## Author Index

- Ahmed, S.M., Casu, B., Cedro, A., Guerrini, M., Lanzarotti, E., Moltrasio, D., Naggi, A. and Torri, G.  
Disruption of micellar aggregates of ganglioside GM-1 by complexation with  $\alpha$ -cyclodextrin (109) 99
- Al-Angary, A.A., see El-Sayed, Y.M. (109) 107
- Al-Balla, S.R., see El-Sayed, Y.M. (109) 107
- Al-Meshal, M.A., see El-Sayed, Y.M. (109) 107
- Alderborn, G., see Eriksson, M. (109) 59
- Antipas, A.S., Vander Velde, D. and Stella, V.J.  
Factors affecting the deamidation of vancomycin in aqueous solutions (109) 261
- Arakawa, T., see Niven, R.W. (109) 17
- Attwood, D., see Higginbottom, S. (109) 173
- Barnwell, S.G., see Higginbottom, S. (109) 173
- Barzegar-Jalali, M. and Hanaee, J.  
Model for solubility estimation in mixed solvent systems (109) 291
- Beijnen, J.H., see Van der Houwen, O.A.G.J. (109) 191
- Bertoni, M., see Ferrari, F. (109) 115
- Buckton, G., see Sheridan, P.L. (109) 155
- Bult, A., see Van der Houwen, O.A.G.J. (109) 191
- Burns, S.J., see Higginbottom, S. (109) 173
- Cannon, J.B., see Lovell, M.W. (109) 45
- Caraballo, I., Fernandez-Arevalo, M., Holgado, M.A., Rabasco, A.M. and Leuenberger, H.  
Study of the release mechanism of carteolol inert matrix tablets on the basis of percolation theory (109) 229
- Caramella, C., see Ferrari, F. (109) 115
- Casu, B., see Ahmed, S.M. (109) 99
- Cedro, A., see Ahmed, S.M. (109) 99
- Chafetz, L., see Shah, K.P. (109) 271
- Chow, D., see Shah, J.C. (109) 283
- Climent, E., see Fabra-Campos, S. (109) 197
- Colarte, A.I., see Heinämäki, J.T. (109) 9
- Concheiro, A., see Landín, M. (109) 1
- Corrigan, O.I., see O'Reilly, J.R. (109) 147
- Cotton, M.L., Lamarche, P., Motola, S. and Vadas, E.B.  
L-649,923 – The selection of an appropriate salt form and preparation of a stable oral formulation (109) 237
- El-Sayed, Y.M., Al-Meshal, M.A., Al-Angary, A.A., Al-Balla, S.R. and Gouda, M.W.  
Effects of oral administration of colestipol and cholestyramine on the pharmacokinetics of ketoprofen administered intramuscularly in man (109) 107
- Eriksson, M. and Alderborn, G.  
Mechanisms for post-compaction changes in tensile strength of sodium chloride compacts prepared from particles of different dimensions (109) 59
- Eyer, P., see Thiermann, H. (109) 35
- Fabra-Campos, S., Climent, E., Sanchis-Cortés, A. and Plá-Delfina, J.M.  
Compared effects of synthetic and natural bile acid surfactants on xenobiotic absorption: IV. Studies with taurocholate in the rat small intestine (109) 197
- Farrar, C., see Niven, R.W. (109) 17
- Fernandez-Arevalo, M., see Caraballo, I. (109) 229
- Ferrari, F., Bertoni, M., Caramella, C. and La Manna, A.  
Description and validation of an apparatus for gel strength measurements (109) 115
- Ferreira, L.A.M., Seiller, M., Grossiord, J.L., Marty, J.P. and Wepierre, J.  
Vehicle influence on in vitro release of metronidazole: role of w/o/w multiple emulsion (109) 251
- Gómez-Amoza, J.L., see Landín, M. (109) 1
- Gouda, M.W., see El-Sayed, Y.M. (109) 107
- Grossiord, J.L., see Ferreira, L.A.M. (109) 251
- Guerrini, M., see Ahmed, S.M. (109) 99
- Gupta, P.K. and Robinson, J.R.  
Effect of meal viscosity on gastric pH and residual volume in the fasted dog (109) 91
- Gupta, P.K., see Lovell, M.W. (109) 45
- Hanaee, J., see Barzegar-Jalali, M. (109) 291
- Heinämäki, J.T., Colarte, A.I., Nordström, A.J. and Yliruusi, J.K.  
Comparative evaluation of ammoniated aqueous and organic-solvent-based cellulose ester enteric coating systems: a study on free films (109) 9

- Higginbottom, S., Mallinson, C.B., Burns, S.J., Attwood, D. and Barnwell, S.G.  
Ursodeoxycholic acid: Effects of formulation on in vitro dissolution (109) 173
- Holgado, M.A., see Caraballo, I. (109) 229
- Hsu, C.C., see Lovell, M.W. (109) 45
- Hu, P., see Sinko, P.J. (109) 125
- Hui, H.-W., see Lovell, M.W. (109) 45
- Ip, A.Y., see Niven, R.W. (109) 17
- Johnson, H.W., see Lovell, M.W. (109) 45
- Kaka, I., see Shah, J.C. (109) 283
- Kim, W.B., see Yoon, E.J. (109) 181
- Kleinebusdorff, P.  
Shrinking and swelling properties of pellets containing microcrystalline cellulose and low substituted hydroxypropylcellulose: I. Shrinking properties (109) 209
- Kleinebusdorff, P.  
Shrinking and swelling properties of pellets containing microcrystalline cellulose and low substituted hydroxypropylcellulose: II. Swelling properties (109) 221
- Klimmek, R., see Thiermann, H. (109) 35
- La Manna, A., see Ferrari, F. (109) 115
- Lamarche, P., see Cotton, M.L. (109) 237
- Landín, M., Martínez-Pacheco, R., Gómez-Amoza, J.L., Souto, C., Concheiro, A. and Rowe, R.C.  
Dicalcium phosphate dihydrate for direct compression: Characterization and intermanufacturer variability (109) 1
- Lanzarotti, E., see Ahmed, S.M. (109) 99
- Lau, S.W.J., see Shah, J.C. (109) 283
- Lee, E.D., see Yoon, E.J. (109) 181
- Lee, M.G., see Yoon, E.J. (109) 181
- Lee, S.D., see Yoon, E.J. (109) 181
- Leuenberger, H., see Caraballo, I. (109) 229
- Lovell, M.W., Johnson, H.W., Hui, H.-W., Cannon, J.B., Gupta, P.K. and Hsu, C.C.  
Less-painful emulsion formulations for intravenous administration of clarithromycin (109) 45
- Lundberg, B.  
The solubilization of lipophilic derivatives of podophyllotoxins in sub-micron sized lipid emulsions and their cytotoxic activity against cancer cells in culture (109) 73
- Mallinson, C.B., see Higginbottom, S. (109) 173
- Marriott, C., see Zeng, X.M. (109) 135
- Martin, G.P., see Zeng, X.M. (109) 135
- Martínez-Pacheco, R., see Landín, M. (109) 1
- Marty, J.P., see Ferreira, L.A.M. (109) 251
- Mittelman, S.D., see Niven, R.W. (109) 17
- Moltrasio, D., see Ahmed, S.M. (109) 99
- Motola, S., see Cotton, M.L. (109) 237
- Naggi, A., see Ahmed, S.M. (109) 99
- Niven, R.W., Ip, A.Y., Mittelman, S.D., Farrar, C., Arakawa, T. and Prestrelski, S.J.  
Protein nebulization: I. Stability of lactate dehydrogenase and recombinant granulocyte-colony stimulating factor to air-jet nebulization (109) 17
- Nordström, A.J., see Heinämäki, J.T. (109) 9
- O'Driscoll, C.M., see O'Reilly, J.R. (109) 147
- O'Reilly, J.R., Corrigan, O.I. and O'Driscoll, C.M.  
The effect of mixed micellar systems, bile salt/fatty acids, on the solubility and intestinal absorption of clofazimine (B663) in the anaesthetised rat (109) 147
- Patel, N.R., see Sinko, P.J. (109) 125
- Plá-Delfina, J.M., see Fabra-Campos, S. (109) 197
- Prestrelski, S.J., see Niven, R.W. (109) 17
- Rabasco, A.M., see Caraballo, I. (109) 229
- Roberts, R.J. and Rowe, R.C.  
The unit cell dimensions of (R,S)-propranolol hydrochloride - A confirmatory study using data from powder X-ray diffraction (109) 83
- Robinson, J.R., see Gupta, P.K. (109) 91
- Rowe, R.C., see Landín, M. (109) 1
- Rowe, R.C., see Roberts, R.J. (109) 83
- Sanchis-Cortés, A., see Fabra-Campos, S. (109) 197
- Seiller, M., see Ferreira, L.A.M. (109) 251
- Shah, J.C., Kaka, I., Tenjarla, S., Lau, S.W.J. and Chow, D.  
Analysis of percutaneous permeation data: II. Evaluation of the lag time method (109) 283
- Shah, K.P. and Chafetz, L.  
Use of sparingly soluble salts to prepare oral sustained release suspensions (109) 271
- Sheridan, P.L., Buckton, G. and Storey, D.E.  
The extent of errors associated with contact angles. II. Factors affecting data obtained using a Wilhelmy plate technique for powders (109) 155
- Shim, H.J., see Yoon, E.J. (109) 181
- Simamora, P., see Surakitbanharn, Y. (109) 27
- Sinko, P.J., Patel, N.R. and Hu, P.  
Site-specific oral absorption of didanosine: in situ characterization and correlation with extent of absorption in vivo (109) 125
- Souto, C., see Landín, M. (109) 1
- Spöhrer, U., see Thiermann, H. (109) 35
- Stella, V.J., see Antipas, A.S. (109) 261
- Storey, D.E., see Sheridan, P.L. (109) 155
- Surakitbanharn, Y., Simamora, P., Ward, G.H. and Yalkowsky, S.H.  
Precipitation of pH solubilized phenytoin (109) 27
- Tenjarla, S., see Shah, J.C. (109) 283
- Thiermann, H., Spöhrer, U., Klimmek, R. and Eyer, P.  
Operational evaluation of wet/dry autoinjectors containing atropine in solution and powdered HI 6 or HLÖ 7 (109) 35
- Torri, G., see Ahmed, S.M. (109) 99

- Underberg, W.J.M., see Van der Houwen, O.A.G.J. (109) 191
- Vadas, E.B., see Cotton, M.L. (109) 237
- Van der Houwen, O.A.G.J., Beijnen, J.H., Bult, A. and Underberg, W.J.M.  
A general approach to the interpretation of pH buffer catalyzed degradation profiles (109) 191
- Vander Velde, D., see Antipas, A.S. (109) 261
- Ward, G.H., see Surakitbanharn, Y. (109) 27
- Wepierre, J., see Ferreira, L.A.M. (109) 251
- Yalkowsky, S.H., see Surakitbanharn, Y. (109) 27
- Yang, J., see Yoon, E.J. (109) 181
- Yliruusi, J.K., see Heinämäki, J.T. (109) 9
- Yoon, E.J., Lee, E.D., Yoon, W.H., Shim, H.J., Lee, S.D., Kim, W.B., Yang, J. and Lee, M.G.  
Pharmacokinetics, tissue distribution and biliary excretion of FT-ADM after intravenous administration of DA-125, a prodrug of FT-ADM to dogs. A new adriamycin analog containing fluorine (109) 181
- Yoon, W.H., see Yoon, E.J. (109) 181
- Zeng, X.M., Martin, G.P. and Marriott, C.  
Tetrandrine delivery to the lung: The optimisation of albumin microsphere preparation by central composite design (109) 135