

## Author index

- Ali, A.A. and Farouk, A., Comparative studies on the bioavailability of ampicillin anhydrate and trihydrate, 239
- Ali, H.M. Bioequivalence studies on two brands of bacampicillin, 91
- Ali, H.M., The effect of Sudanese food and chloroquine on the bioavailability of ampicillin from bacampicillin tablets, 185
- Ali, H.M., Farouk, A., Khalil, S.A.H. and El-Nakeeb, M.A., Correlation between microbiological and chemical assay of ampicillin in bioequivalence studies in man, 233
- Allen, J.C., see Morton, A.K., 321
- Attwood, D., Johansen, L., Tolley, J.A. and Rassing, J., A new ultrasonic method for the measurement of the diffusion coefficient of drugs within hydrogel matrices, 285
- Bardet, L., see Bourret, E., 81
- Barzegar-Jalali, M.B., Estimation of asymptotic values of absorption plots from early data points of the plots, 257
- Barzegar-Jalali, M., Estimation of parameters of one-compartment open model with constant intravenous infusion using early blood level data, 349
- Bolhuis, B.G., see Moolenaar, F., 353
- Bonbrow, M., see Touitou, E., 97
- Bourret, E. and Bardet, L., Approche du mécanisme de gélification des sols d'agarose II. Températures de gélification, 81
- Bottle, W., Woodage, T. and Waugh, A., Bromhexine: in vitro and in vivo studies of release from mono- and bi-component preparations, 305
- Bundgaard, H. and Johansen, M., Hydrolysis of N-Mannich bases and its consequences for the biological testing of such agents, 7
- Bundgaard, H. and Hansen, J., Nucleophilic phosphate-catalyzed degradation of penicillins: demonstration of a penicilloyl phosphate intermediate and transformation of ampicillin to a piperazinedione, 273
- Burt, H.M. and Mitchell, A.G., Crystal defects and dissolution, 137
- de Blaey, C.J., see Grijseels, H., 337
- Devleeschouwer, M.J. and Dony, J., An in vitro test for the evaluation of the efficacy of disinfectants, 49
- Dominguez-Gil, A., see Mariño, E.L., 263
- Dony, J., see Devleeschouwer, M.J., 49
- Edwards, H.E., see Morton, A.K., 321
- El-Nakeeb, M.A., see Ali, H.M., 233
- Ensing, J.G., see Moolenaar, F., 353
- Farouk, A., In vitro studies on cinchocaine-preservative combinations, 1
- Farouk, A., see Ali, H.M., 233
- Farouk, A., see Ali, A.A., 239
- FitzSimmons, R.A., see Moody, G., 75
- Gergich, G., see Zatz, J.L., 315
- Gopal, N.G.S. and Rajagopalan, S., Effect of gamma radiation and ethylene oxide on neomycin sulphate, 359
- Grijseels, H. and de Blaey, C.J., Dissolution at porous interfaces, 337
- Güngör, Ü., see Izgü, E., 107
- Hamaguchi, T., see Shinkuma, D., 17
- Hanocq, M., see Verbiess-Genard, N., 295
- Hansen, J., see Bundgaard, H., 273
- Helboe, P., see Majlat, P., 245
- Hirai, S., Yashiki, T. and Mima, H., Effect of surfactants on the nasal absorption of insulin in rats, 165
- Hirai, S., Yashiki, T. and Mima, H., Mechanisms for the enhancement of the nasal absorption of insulin by surfactants, 173
- Horikoshi, I., see Takeguchi, N., 153
- Howard, S.A., see Vongvirat, B., 199
- Howard, S.A., see Vongvirat, B., 213
- Ishizuka, Y., see Takeguchi, N., 153
- Izgü, E. and Güngör, Ü., The use of natural membranes for in vitro determination of absorption rates of drugs from suppository bases, 107

- Jamali, F., Khazainia, T. and Tehrani, M.R., Absorption rate limited metabolism of salicylate in man: a consideration in bioavailability assessment, 221
- Johansen, L., see Attwood, D., 285
- Johansen, M., see Bundgaard, H., 7
- Kashiwagura, T., see Takeguchi, N., 153
- Kellaway, I.W. and Najib, N.M., Hydrophilic polymers as stabilisers and flocculants of sulphadimidine suspensions, 59
- Khalil, S.A.H., see Ali, H.M., 233
- Khazainia, T., see Jamali, F., 221
- Kinkel, J.F.M., Tomlinson, E. and Smit, P., Thermodynamics and extrathermodynamics of organic solute liquid—liquid distribution between water and 2,2,4-trimethylpentane, 121
- Kristensen, A.K., see Majlat, P., 245
- Luzzi, L.A., see Vongvirat, B., 199
- Luzzi, L.A., see Vongvirat, B., 213
- Majlat, P., Helboe, P. and Kristensen, A.K., Separation and quantitative determination of homatropine methylbromide and opium alkaloids in admixture in pharmaceutical preparations by gas-liquid and high-performance liquid chromatography, 245
- Mariño, E.L., Dominguez-Gil, A., Tabernero, J.M. and Rubio, F., Pharmacokinetics of cefadroxil in patients with terminal renal impairment, 263
- Mauger, J.W., see Vongvirat, B., 199
- Mauger, J.W., see Vongvirat, B., 213
- Midgley, J.M., see Vincent, W.R., 191
- Mima, H., see Hirai, S., 165
- Mima, H., see Hirai, S., 173
- Mitchell, A.G., see Burt, H.M., 137
- Mizuno, N., see Shinkuma, D., 17
- Molle, L., see Verbiese-Génard, N., 295
- Moody, G., Rubinstein, M.H. and FitzSimmons, R.A., Tablet lubricants I. Theory and modes of action, 75
- Moolenaar, F., Ensing, J.G., Bolhuis, B.G. and Visser, J., Absorption rate and bioavailability of promethazine from rectal and oral dosage forms, 353
- Morii, M., see Takeguchi, N., 153
- Morton, A.K., Edwards, H.E., Allen, J.C. and Phillips, G.O., An evaluation of the oral administration of commercial and fractionated heparin samples in rats, 321
- Muro, C., see Shinkuma, D., 17
- Myron, M.C., see Reynolds, D.L., 67
- Najib, N.M., see Kellaway, I.W., 59
- Ohto, F., see Shinkuma, D., 17
- Patel, J.P. and Repta, A.J., Enol esters as potential pro-drugs II. In vitro aqueous stability and enzyme-mediated hydrolysis of several enol esters of acetophenone, 29
- Patton, T.F., see Reynolds, D.L., 67
- Phillips, G.O., see Allen, J.C., 321
- Rajagopalan, S., see Gopal, N.G.S., 359
- Rassing, J., see Attwood, D., 285
- Repta, A.J., see Patel, J.P., 29
- Repta, A.J., see Reynolds, D.L., 67
- Reynolds, D.L., Ulrich, K.K., Patton, T.F., Repta, A.J., Sternson, L.A., Myron, M.C. and Taylor, S.A., Plasma levels of 1,4-dihydroxy-5,8-bis((2-[(2-hydroxyethyl)amino]ethyl)amino)-9,10-anthracenedione dihydrochloride (DHAD) in humans, 67
- Rubinstein, M.H., see Moody, G., 75
- Rubio, F., see Mariño, E.L., 263
- Sarpotdar, P., see Zatz, J.L., 315
- Schulman, S.G., see Vincent, W.R., 191
- Shinkuma, D., Hamaguchi, T., Muro, C., Ohto, F., Yamanaka, Y. and Mizuno, N., Bioavailability of phenytoin from oil suspension and emulsion in dogs, 17
- Smit, P., see Kinkel, J.F.M., 121
- Sorel, R.H.A., see Vincent, W.R., 191
- Sternson, L.A., see Reynolds, D.L., 67
- Tabernero, J.M., see Mariño, E.L., 263
- Takeguchi, N., Morii, M., Kashiwagura, T., Ishizuka, Y. and Horikoshi, I., Amino acid permeability of liposomal membranes measured by light scattering method: a simulation with a method of cumulants, 153
- Taylor, S.A., see Reynolds, D.L., 67
- Tehrani, M.R., see Jamali, F., 221
- Tolley, J.A., see Attwood, D., 285
- Tomlinson, E., see Kinkel, J.F.M., 121
- Toutou, E. and Bonbrow, M., Deviation of dissolution behaviour of benzoic acid from theoretical predictions with lowering of temperature: limitations as a model dissolution substance, 97

- Ulrich, K.K., see Reynolds, D.L., 67
- van Damme, M., see Verbiese-Génard, N., 295
- van Oort, W., see Vincent, W.R., 191
- Verbiese-Génard, N., Hanocq, M., van Damme, M. and Molle, L., High performance liquid chromatographic capacity factor and partition coefficient relationship in a benzamide series, 295
- Vincent, W.R., Schulman, S.G., Midgley, J.M., van Oort, W. and Sorel, R.H.A., Prototropic acid metal complexation equilibria of nalidixic acid in the physiological pH region, 191
- Visser, J., see Moolenaar, F., 353
- Vongvirat, B., Howard, S.A., Mauger, J.W. and Luzzi, L.A., Design and evaluation of a rotating filter-magnetic basket apparatus: table and basket position, 199
- Vongvirat, B., Mauger, J.W., Howard, S.A. and Luzzi, L.A., Evaluation of a rotating filter apparatus: hydrodynamic characterization through modeling, 213
- Waugh, A., see Bowtle, W., 305
- Wong, A., see Zatz, J.L., 315
- Woodage, T., see Bowtle, W., 305
- Yamanaka, Y., see Shinkuma, D., 17
- Yashiki, T., see Hirai, S., 165
- Yashiki, T., see Hirai, S., 173
- Zatz, J.L., Sarpotdar, P., Gergich, G. and Wong, A., Effect of surfactants on the flocculation of magnesium carbonate suspensions by xanthan gum, 315