

REFERENCES

- Andrew S. Janoff., (1999) "Liposomes rational design", The liposome company, Inc., Princeton, New Jersey, USA.
- Alian R., (1993) Pharmaceutical particulate carriers, 61, U.S.A.
- Baenholz, Y., and Crommelin, D. J. A., (1994) "Liposome as pharmaceutical dosage forms", Encyclopedia of pharmaceutical technology (J. Swarbrick, ed.), New York : Marcel Dekker, 1-39, U.S.A.
- Atmaca S., (1989) "Spectrophotometric determination of tranexamic acid with 2,4,6 trinitrobenzenesulfonic acid", Acta Pharmaceutica Turcica., 31:115-118.
- Bangham, A.D., Hill, M. W. , and Miller, G. A., (1974) "French pressure cell liposome: preparation, properties, and potential," Liposome technology, Vol. 1, G. Gregoriadis, ed. Boca Raton, FL: CRC Press, 37-49.
- Benita, S., (1996) Microencapsulation methods and industrial applications, Marcel Dekker, Inc., New York, 162.
- Benita, S., Plenecassagne, J. D., Caves, G., Drouin, D., Dong, P. L. H., and Sincholle, D., (1984) "Pilocarpine hydrochloride liposomes: Characterization *in vitro* and preliminary evaluation *in vivo* in rabbit eye", J. Microencapsulation. 1:203-216.
- Barza, M., Baum, J., and Szoka, F., (1984) "Pharmacokinetics of subconjunctival liposome-encapsulated gentamicin in normal rabbit eye", Invest. Ophthalmol. Vis. Sci. 25:486-490.
- Bally, M. B., Masin, D., Nayar, R., Cullis, P. R. and Mayer, L. D. (1994) "Transfer of liposomal drug carriers from the blood to the peritoneal cavity of normal and ascitic tumor-bearing mice", Cancer Chemother Pharmacol 34:137-146.
- Benita, S., Poly, P. A., and Delattre, J., (1984) "Radiopaque liposomes : effect of formulation condition on encapsulation efficiency", J. Pharm. Sci., 82:1751-1755.

- Borea, G., Montebugnoli, L., Capuzzi, P., and Magelli, C., (1993) "Tranexamic acid as a mouthwash in anticoagulant-treated patients undergoing oral surgery. An alternative method to discontinuing anticoagulant therapy", *Oral Surg Oral Med Oral Pathol.*, 75 (1):29-31.
- British Pharmacopoeia, (1995), London, UK.
- Bangham, A.D., Hill, M. W., and Miller, N. G. A., (1974) "Preparation and use of liposomes as models of biomembranes", *Methods Membr. Biol.*, 1:56-57.
- D.N. Travers and M. Cox., (1978) *Drug Dev. Ind. Pharm.*, 4, 157.
- Demel R. A., W. S. M. Geurts van Kessel, and L. L. M. van Denen., (1972) *Biochim. Biophys. Acta*, 266, 26.
- Drug facts and comparison, (1999) 394-395., Facts and comparison St. Louis, A Wolters Kluwer Company, Missouri, U.S.A.
- Denda, M., Kitamura, K., Elias, PM., and Feingold, KR., (1997) "trans-4-(Aminomethyl) cyclohexane carboxylic acid (T-AMCHA), an anti-fibrinolytic agent, accelerates barrier recovery and prevents the epidermal hyperplasia induced by epidermal injury in hairless mice and humans" *J. Invest. Dermatol.*, 109:84-90.
- Daan, J. A. Crommelin, and Schreier, H., (1994) "Liposomes" in *Colloidal drug delivery systems*, (Kreuter, J., ed.), 66:73-190, U.S.A. : Marcel Dekker, Inc.
- Foldvari, M., Gesztes, A., Mezei, M., Cardinal, L., Kowalczyk, I., and Behl, M., (1993) "Topical liposome local anesthetics : Design, optimization and evaluation of formulations" *Drug. Dev. Ind. Pharm.*, 19:2499-2517.
- Frosch P. J., *Irritative and kontaktallergische Nebenwirkungen von Akne-Externa*, (1985) *Hautarzt* 36:179.
- Frokjaer, S., Hjorth, E. L., and Worts, O., (1994) "Stability and storage of liposomes" *Optimization of drugdelivery* (H. Bundgaard, A., Bagger Hansen, and H. Kofod, eds.). Copenhagen: Munksgaard, 384-404.
- Francis J. Martin., (1990) "Pharmaceutical manufacturing of liposomes" in *Specialized drug delivery systems : Manufacturing and production technology*, 41:267-316, USA Marcel Dekker, Inc.

- Gesztes A. and Mezei M., (1988) "Topical anesthesia of the liposome-encapsulated tetracaine", *Anesth. Analg.* 67:1079.
- Guru V., Scott A., and Daniel L., (1993) *Liposome drug delivery systems*, U.S.A.
- Guren, D., Gabizon, A., and Barenholz, Y. (1990) "The influence of physical characteristics of liposomes on their pharmacological behaviour", *Biochim. Biophys. Acta* 1029: 285-294.
- Garbizon, A. and Papahadjopoulos, D., (1988) "Liposome formulation with prolonged circulation time in blood and enhance uptake tumors", *Proc. Natl. Acad. Sci. USA* ,85:694-6953.
- Gabizon, A., Chemla, M., Tzemach, D., Horowitz, A. T. and Goren, D. (1996) "Liposome longevity and stability circulation: effects on the in vivo delivery to tumors and therapeutic efficacy of encapsulate anthracyclines", *J. Drug Target* 3:391-398.
- Gregoriadis, G., Neerunjun, D. E. and Hunt, R., (1977) "Attempts to improve localization in tumor tissues", *Life Sci* , 21: 357-370.
- Gregoriadis, G., ed., (1988) *Liposome as drug carriers : Recent trends and progress*, John Wiley and Sons, Chichester.
- Grit, M., Zuidam, W. J. M., and Crommelin, D. J. A., (1993) "Analysis of saturated soybean phosphatidylcholine in aqueous liposome dispersions", *J. Pharm. Sci.*, 82:326-366.
- Grit, M., Crommelin, D. J. A., (1993) "The effect of surface charge on the hydrolysis kinetics of partially hydrogenated egg phosphatidylcholine in aqueous liposome dispersions", *Biochim. Biophys. Acta*, 1167:49-55.
- James K., (1994) *Colloidal drug delivery systems*, 66:111, U.S.A.
- Jin-Chul, K., Eun-Ok, L., Jong-Yung, K., Soo Kyoung, B., Tae-Boo, c., and Jong-Duk, K. (1997) "Hemolytic and antifungal activity of liposome-entrapped amphotericin B prepared by the precipitation method", *Pharm. Dev. Tech.*, 2(3):275-284.
- Kim. JS., Heath. TD., (1996) "Improved in vitro growth inhibitory effect of N-(phosphonacetyl)-L-aspartic acid in immunoliposomes", *J-Controlled-Release*, 40 (Jun), pp 101-109.
- ring H. C., Zienicke H., Schafer-Korting M., and Braun-Falco O., (1991) "Liposome encapsulation improves efficacy of betamethasone dipropionate in atopic eczema but not in psoriasis vulgaris", *Eur. J. Clin. Pharmacol.*, 29:349.

- Kubo, A., Nakamura, K. and Sammiya, T., (1993) "Indium-111-labeled liposomes: dosimetry and tumor detection in patients with cancer", *Eur. J. Nucl. Med.*, 20:107-113.
- Kathlem, P., (1999) Martindale, Pharmaceutical Press, London, UK.
- Lasic, D., (1992) *Liposomes*, American Sci 80:20-31.
- Lichtenberg, D., and Berenholz, Y., (1988) *Methods of biological analysis*, (d. Glick, ed.), John Wiley & Sons, Inc., New York, 33:337-461.
- Law, S. L., and Hung, H. Y., (1998) "Properties of acyclovir-containing liposomes for potential ocular delivery", *Int. J. Pharm.*, 161:253-259.
- Lauer A. C., Lieb L. M., Ramachandran C., Flynn G. L., and Weiner N. D., (1995) "Transfollicular Drug Delivery", *Pharm. Res.* 12:179-186.
- Li L., Margolis L. B., and Lishko L. V., (1992) "Product-delivering liposomes specifically target entrapped melanin to hair follicles in histocultured intact skin, *In Vitro Cell*", *Dev. Biol.* 28A:679-681.
- Li L., Lishko L. V., and Hoffman R. M., (1993a) "Liposomes can specifically target entrapped melanin to hair follicles in histocultured skin, *In Vitro Cell*", *Dev. Biol.* 29A:192-194.
- Li L., Lishko L. V., and Hoffman R. M., (1993b) "Liposomes targeting high molecular weight DNA to hair follicles in histocultured skin: a model for gene therapy of the hair growth process, *In Vitro Cell*", *Dev. Biol.* 29A:258-260.
- Lopez-Bersetin, G., Hopfer, R. L., Metha, K., and Juliano, R. L., (1984) "Liposome-encapsulated amphotericin B for treatment of disseminated candidiasis in neutropenic mice" *J. Infect. Dis.*, 150:278-283.
- Lieb L., Ramachandran C., Flynn G., and Weiner N., (1992) "Topical delivery enhancement with multilamellar liposomes into pilosebaceous units: in vitro evaluation using fluorescent techniques and the hamster ear model", *J. Invest. Dermatol.* 99: 108.
- Mayer, L. D., Nayar, R., Thies, R. L., Boman, N. L., Cullis, P. R. and Bally, M. B., (1993) "Identification of vesicle properties that enhance the antitumour activity of liposomal vincristine against murine L1210 leukemia", *Cancer Chemother Pharmacol* 33:17-24.
- Mayer, L. D. and St-Onge, G. (1995) "Determination of free and liposome-associated doxorubicin and vincristine levels in plasma under equilibrium conditions employing ultrafiltration techniques", *Anal Biochem* 232:149-57.

- Maeda, K., and Naganuma M., (1998) "Topical trans-4-aminomethylcyclohexane carboxylic acid prevents ultraviolet radiation-induced pigmentation", J. Photochem Photobiol B., 134-141.
- Manosroi, A., (1995) Liposome technology, Thailand : Faculty of pharmacy, Chiang Mai University. (อรัญญา มโนสร้อย., 2538 เทคโนโลยีไลโปโซม : ภาควิชาเทคโนโลยีเภสัชกรรม คณะเภสัชศาสตร์ มหาวิทยาลัยเชียงใหม่.)
- Manosroi, A., (2000) Stability of tranexamic acid in aqueous solution (unpublished paper), Thailand : Faculty of Pharmacy, Chiang Mai University. (อรัญญา มโนสร้อย., 2543: ภาควิชาเทคโนโลยีเภสัชกรรม คณะเภสัชศาสตร์ มหาวิทยาลัยเชียงใหม่.)
- Mitsuhiro, D., Kenji, K., Peter, M. Elias, and Kenneth, R., (1997) "trans-4-aminomethylcyclohexane carboxylic acid (T-AMCHA), an anti-fibrinolytic agent, accelerates barrier recovery and prevents the epidermal hyperplasia induced by epidermal injury in hairless mice and humans", J. Invest. Dermatol., 109:84-90.
- Mezei-M., ., (1991) "Delivering the good ", Can-Pharm-J, 124(3):132-134,136,140, 155.
- Mihalko, P. J., Schreier, H., and Abra, R. M., (1988) in Liposomes as drug carriers (Gregoriadis, G. ed.), John Wiley, New York.
- Mezei, M., (1985) "Topical in pharmaceutical sciences 1985", Elsevier Sci. Pub., Amsterdam, 345-358.
- Mezei, M., (1990), M.U.S. Patent 4 897 269.
- Mezei, M., (1980), M.U.S. Patent 4 761 288.
- Mezei, M., (1990), European Patent 0 177 223 B1. 41
- Maeda, K., and Naganuma, M., (1998) "Topical trans-4-aminomethylcyclohexanecarboxylic acid prevents ultraviolet radiation-induced pigmentation", J. Photochem. Photobiol B., 47:136-141.
- Mezei, M., (1988) "Liposomes in the topical application of drug : A review", in liposomes as drug carriers. G. Gregoriadis, ed. New York, NY : John Wiley & Sons Ltd, 663-677.
- Mezei, M., (1988) "controlled release dosage forms", Tipnis, H. P. (ed.), p 34 and 47.
- Oku, N., Namba, Y., Takeda, A. and Okada, S., (1993) "Tumor imaging with technetium-99m-DTPA encapsulated in RES-avoiding liposomes", Nucl Med Biol 20:407-412.
- Ogihara-Umeda, I., Sasaki, T., Kojima, S. and Nishigori, H., (1996) "Optimal radiolabeled liposomes for tumor imaging", J. Nucl Med 37:326-332.

- Omaina, N. El-Gazayerly., Ahmed, H. Hikal., (1997) "Preparation and evaluation of acetazolamide liposomes as an ocular delivery system", *Int. J. Pharm.*, 15:121-127.
- Presant, C. A., Proffitt, R. T. and Turner, A. F., (1988) "Successful imaging of human cancer with Indium-III labeled phospholipid vesicles", *Cancer* 62: 905-911.
- Pascual, R.D., (1998), Mims Annual, Medimedia International group, Singapore, 958-960
- Presant, C. A., Blayney, D., Proffitt, R. T., Turner, A. F., Williams, L. E., Nadel, H. I., Kennedy, P., Wiseman, C., Gala, K. and Crossley, R. J., (1990) "Preliminary report: imaging of Kaposi sarcoma and lymphoma in AIDS with indium-111-labelled liposomes", *Lancet* 335:1307-1309.
- Patel, H., Ryman M., Ryman B., (1981) "Systemic and oral administration of liposomes", in *liposome: From physical structure to therapeutic applications*, C. G. Knight, ed. New York, 409-411.
- Poste, G., Kirsh, R., and Koestler, T., (1984) "The challenge of liposome targetting in vivo", in *Liposome technology: Targetting drug delivery and biological interaction*. G. Gregoriadis, ed. Boca Raton, FL: CRC Press, 1-28.
- Patel, H. M., and Ryman, B. E., (1981) "Systemic and oral administration of liposomes", in *Liposome: from Physical structure to therapeutic applications*. Knight, C. G., ed. New York., 409-441.
- Poste, G., Kirsh, R., and Koestler, T., (1984) "The challenge of liposome targeting in vivo", in *Liposome technology: Targeted drug delivery and biological interaction*. Gregoriadis, G., ed., 1-28.
- Shek P. N. and Barber R. F., (1986) *Modern Med. (Canada)*, 41, 314.
- Smolin, G., Okumoto, M., Feller, S., and Condon, D., (1981) "Idoxuridine-liposome therapy for herpes simplex keratitis", *Am. J. Ophthalmol.* 91:220-225.
- Shaeffer, H. E., and Krphn, D. L., (1982) "Liposomes in topical drug delivery", *Invest. Ophthalmol. Vis. Sci.* 21:220-227.
- Singh, K., and Mezei, M., (1983) "Liposomal ophthalmic drug delivery system I. Triamcinolone acetonide", *Int. J. Pharm.* 16:339-344.
- Singh, K., and Mezei, M., (1984) "Liposomal ophthalmic drug delivery system II. Dihydrastreptomycin sulfate", *Int. J. Pharm.* 19:263-269.

- Stratford, R. E., Jr., Yang, D. C., Redell, M. A., and Lee, V. H. L., (1983) "Effect of topically applied liposomes on disposition of epinephrin and innulin in the albino rabbit eye", *Int. J. Pharm.* 13:263-272.
- Soltan Monem, A., Fadel, M. Ali., and Medhat W. Ismail., (2000) "Prolong effect of liposomes encapsulating pilocarpine HCL in normal and glaucomatous rabbits", *Int. J. Pharm.*, 198:29-38.
- Sarbolouki, M. N., and Toliat, T., (1998) "Storage stabilized MLV and REV liposomes containing sodium metotrexate (aqueous & lyophilized)", *PDA J. Pharm. Sci. & Tech.*, vol. 52:23-27.
- Rahman, A., Treat, J., Roe, J. K., Potkul, L. A. and Alvord, W.G. (1990) "Phase I clinical trial and pharmacokinetic evaluation of liposomal encapsulated doxorubicin", *J Clin Oncol* 8:1093-1100.
- Swarbrick, J., and Boylan, J., (1994) "Liposomea as pharmaceutical dosage forms", in *Encyclopedia of pharmaceutical technology*, 9:1-9, USA : Marcel Dekker, Inc.
- Rukvatin, J., (1995) The data analysis of the accerelated and long term drug stability testing, Thailand : Department of medical sciences, ministry of public health. (จุไรรัตน์ รักวาทิน. 2538 การวิเคราะห์ข้อมูลการศึกษาคงสภาพของยาแบบเร่งและแบบระยะยาว : กองวิเคราะห์ยา กรมวิทยาศาสตร์การแพทย์.)
- Sarrinen-Savolainen, P., Jarvinen, T., Taipale, H., (1997) "Method for evaluating drug release from liposomes in sink conditions", *Int. J. Pharm.*, 159:27-33.
- Tibbelin, A., Aust, R., Bende, M., Petruson, B., Rundcrantz, H., and Alander, U., (1995) "Effect of local tranexamic acid gel in the treatment of epitaxis", *J. Otorhinolaryngol Relat Spec.*, 57:207-209.
- Touitou, E., Junginger, H. E., Weiner, N. D., Nagai, T., and Mezei, M., (1994) "Liposomes as carriers for topical and transdermal delivery", *J. Pharm. Sci.*, 83 (9):1189-1203.
- Taylor, K. M. G., Taylor, G., Kellaway, I. J., and Stevens, J., (1990) "Drug entrapment and releae from multilamellar and reverse-phase evaporation liposomes", *Int. J. Pharm.*, 58:49-55.
- Tibbelin, A., Aust, R., Bende, M., Holgersson, M., Petruson, B., Rundcrantz, H., Alander, U., (1995) "Effect of local tranexamic acid gel in the treatment of epistaxis", *J. Otorhinolaryngol Relat Spec.*, 57(4):207-9

Waly NG., (1995) " Local anti-fibrinolytic treatment with tranexamic acid in hemophilic children undergoing dental extractions ", Egypt Dent J.,41(1):961-968.

Weissmann, G., Cohen, C., and Hoffstein, S. (1977) "Introduction of missing enzymes into the cytoplasm of cultured mammalian cells by means of fusion-prone liposomes", Trans. Assoc. Am. Phys., 89:171-183.

มหาวิทยาลัยเชียงใหม่
Chiang Mai University