บรรณานุกรม

กิติศักดิ์ ศรีภา, คนาวรรณ พจนาคม, จิราภรณ์ อังวิทยาธรณ์, เฉลิมเกียรติ สงคราม, ชนกพรหม์ สุคนธ์พันธุ์, พรชัย โรจน์สิทธิศักดิ์, พรรณรัตน์ อกนิษฐาพิชาติ, ภูธร แคนยุกต์, เรืองวิทย์ กิจบรรณเตช, จีระศักดิ์ สามี, สุรชัย จูมพระบุตร และโอภา วัชระคุปต์. (2551). *เคมีของยา ฉบับ 1*. กรุงเทพฯ: พี.เอส.พรินท์.

Ahmed, S., Kishikawa, N., Ohyama, K., Wada, M., Nakashima, K., & Kuroda, N. (2009). Selective determination of doxorubicin and doxorubicinol in rat plasma by HPLC with photosensitization reaction followed by chemiluminescence detection. *Talanta*, *78*, 94-100.

Anderson, A. B., Gergen, J., & Arriaga, E. A. (2002). Detection of doxorubicin and metabolites in cell extracts and in single cells by capillary electrophoresis with laser-induced fluorescence detection. *Journal of Chromatography B*, *769*, 97-106.

Arnold, R. D., Slack, J. E., & Straubinger, R. M. (2004). Quantification of doxorubicin and metabolites in rat plasma and small volume tissue samples by liquid chromatography/ electrospray tandem mass spectroscopy. *Journal of Chromatography B*, *808*, 141-152.

Azhagvuel, S., & Sekar, R. (2007). Method development and validation for the simultaneous determination of cetirizine dihydrochloride, paracetamol, and phenylpropanolamine hydrochloride in tablets by capillary zone electrophoresis. *Journal of Pharmaceutical and Biomedical Analysis*, *43*, 873-878.

Badea, I., Lazăr, L., Moja, D., Nicolescu, D., & Tudose, A. (2005). A HPLC method for the simultaneous determination of seven anthracyclines. *Journal of Pharmaceutical and Biomedical Analysis*, *39*, 305-309.

Cai, C., Chen, X., & Gong, H. (2009). Interaction of anticancer drug methotrexate with nucleic acids analyzed by multi-spectroscopic method. *Spectrochimica Acta Part A*, *72*, 46-49.

Chen, G., Fawcett, J. P., Mikov, M., & Tucker, I. G. (2009). Simultaneous determination of methotrexate and its polyglutamate metabolites in Caco-2 cells by liquid chromatography-tandem mass spectrometry. *Journal of Pharmaceutical and Biomedical Analysis*, *50*, 262-266.

Eksborg, S., & Nilsson, B. (1989). Reversed-phase liquid chromatographic determination of idarubicin and its 13-hydroxy metabolite in human plasma. *Journal of Chromatography B: Biomedical Sciences and Applications*, *488*(2), 427-434.

Fogli, S., Dancsi, F., Innocenti, F., Di Paolo, D., Bocci, G., Barbara, C., & Del Tacca, M. (1999). An improved HPLC method for therapeutic drug monitoring of daunorubicin, idarubicin, doxorubicin, epirubicin, and their 13-dihydro metabolites in human plasma. *Journal of Chromatography B*, *21*(2), 367-375.

Gavenda, A., Ševcík, J., Psotová, J., Bednár, P., Barták, P., Adamovský, P., & Šimánek, V. (2001). Determination of anthracycline antibiotics doxorubicin and daunorubicin by capillary electrophoresis with UV absorption detection. *Electrophoresis*, *22*, 2782-2785.

Griese, N., Blaschke, G., Boos, J., & Hempel, G. (2002). Determination of free and liposome-associated daunorubicin and daunorubicinol in plasma by capillary electrophoresis. *Journal of Chromatography A, 979*, 379-388.

Grossman, P. D., & Colburn, J. C. (1992). *Capillary electrophoresis. The theory and practical.* San Diego: Eds, Academic Press.

Hu, Q., Zhang, L., Zhou, T., & Fang, Y. (2000). Determination of daunorubicin in human urine by capillary zone electrophoresis with amperometric detection. *Analytica Chimica Acta*, *416*, 15-19.

ICH Harmonised Tripartite Guideline. (1996, November). *Validation of Analytical Procedures: Methodology Q2(R1).*Retrieved September 23, 2009, from http://www.ich.org/LOB/media/MEDIA417.pdf

Jiang, H., & Wang, X-M. (2009). Highly sensitive detection of daunorubicin based on carbon nanotubes-drug supramolecular interaction. *Electrochemistry Communications*, *11*, 126-129.

Kuhlmann, O., Hofmann, S., & Weiss, M. (1999). Determination of idarubicin and idarubicinol in rat plasma using reversed-phase high-performance liquid chromatography and fluorescence detection. *Journal of Chromatography B*, *728*, 279-282.

Kuo, C-Y., Wu, H-L., Kou, H-S., Chiou, S-S., Wu, D-C., & Wu, S-M. (2003). Simultaneous determination of methotrexate and its eight metabolites in human whole blood by capillary zone electrophoresis. *Journal of Chromatography A*, *1014*, 93-101.

Landers, J. P. (2008). *Handbook of capillary and microchip electrophoresis and associated microtechniques*. New York: CRC press.

Li, G., Zhang, Z., Chen, X., Hu, Z., Zhao, Z., & Hooper, M. (1999). Analysis of ephedrine in ephedra callus by acetonitrile modified capillary zone electrophoresis. *Talanta*, *48*, 1023-1029.

Li, H., Luo, W., Zeng, Q., Lin, Z., Luo, H., & Zhang, Y. (2007). Method for the determination of blood methotrexate by high performance liquid chromatography with online post-column electrochemical oxidation and fluorescence detection. *Journal of Chromatography B*, *845*, 164-168.

Lipigorngoson, S. (2007). *Potential treatment of breast cancer patients with adriamycin and epirubicin using In vitro model MCF-7 human braes carcinoma cell line response to colchicine for the study of MDR1 gene/ P-glycoprotein expression by western blot analysis* (Biomedical Engineering Center Chiang Mai University Research Description). Abstract retrieved September 30, 2007, from http://biomed.eng.cmu.ac.th/?researchdetail.php&id=12

Liu, S., Wang, F., Liu, Z., Hu, X., Yi, A., & Duan, H. (2007). Resonance rayleigh scattering spectra for studying the interaction of anthracycline antineoplastic antibiotics with some anionic surfactants and their analytical applications. *Analytica Chimica Acta*, *601*, 101-107.

Lu, H., Yuan, G., He, Q., & Chen, H. (2009). Rapid analysis of anthracycline antibiotics doxorubicin and daunorubicin by microchip capillary electrophoresis. *Microchemical Journal*, *92*, 170-173.

Nakao, M., Yamazaki, C., Tominaga, H., Yamaguchi, T., & Fujita, Y. (2006). Spectrophotometric determination of anthracycline anticancer agents with aluminum(III) and chromazurol S in a nonionic surfactant micellar medium. *Analytical Sciences*, *22*, 313-316.

Pérez-Ruiz, T., Martínez-Lozano, C., Sanz, A., & Bravo, E. (2001). Simultaneous determination of doxorubicin, daunorubicin, and idarubicin by capillary electrophoresis with laser-induced fluorescence detection. *Electrophoresis*, *22*, 134-138.

Ricciarello, R., Pichini, S., Pacifici, R., Altieri, I., Pellegrini, M., & Fattorossi, A. (1998). Simultaneous determination of epirubicin, doxorubicin and their principal metabolites in human plasma by high-performance liquid chromatography and electrochemical detection. *Journal of Chromatography B*, *707*, 219-225.

Rodríguez Flores, J., Castañeda Peñalvo, G., Espinosa Mansilla, A., & Rodríguez Gómez, M.J. (2005). Capillary electrophoretic determination of methotrexate, leucovorin and folic acid in human urine. *Journal of Chromatography B*, *819*, 141-147.

Rose, D. J., Jr., & Jorgenson, J. W. (1998). Characterization and automation of sample introduction method for capillary zone electrophoresis. *Analytical Chemistry*, *60*(7), 642-648.

Sczesny, F., Hempel, G., Boos, J., & Blaschke, G. (1998). Capillary electrophoretic drug monitoring of methotrexate and leucovorin and their metabolites. *Journal of Chromatography B*, *718*, 177-185.

Siméon, N., Chatelut, E., Canal, P., Nertz, M., & Couderc, F. (1999). Anthracycline analysis by capillary electrophoresis application to the analysis of daunorubicine in Kaposi sarcoma tumor. *Journal of Chromatography A*, *853*, 449-454.

Sirichai, S., & Khanatharana, P. (2008). Rapid analysis of clenbuterol, salbutamol, procaterol,and fenoterol in pharmaceuticals and human urine by capillary electrophoresis. *Talanta*, *76*, 1194-1198.

Vickers, J. A., Caulum, M. M., & Henry, C. S. (2006). Generation of hydrophilic poly(dimethylsiloxane) for high-performance microchip electrophoresis. *Analytical Chemistry*, *78*, 7446-7452.

Vijayanathan, V., Smith, A. K., Zebala, J. A., Kamen, B. A., & Cole, P. D. (2007). High-performance liquid chromatography separation of aminopterin-polyglutamates within red blood cells of children treated for acute lymphoblastic leukemia. *Translational Research*, *150*, 367-373.

Weinberger, R. (1993). *Practical capillary electrophoresis*. Boston: Academic Press.

Whitaker, G., Lillquist, A., Pasas, S. A., O'Conner, R., Regan, F., Lunte, C. E., & Smyth, M. R. (2008). CE-LIF method for the separation of anthracyclines: Application to protein binding analysis in plasma using ultrafiltration. *Journal of Separation Science, 31*(10), 1828-1833.

Yang, Y. (2007). Development and validation of a high-performance liquid chromatography-tandem mass spectrometric method for quantification of daunorubicin in rat plasma. *Talanta, 71*, 596-604.

Zhao, P., & Dash, A. K. (1999). A simple HPLC method using a microbore column for the analysis of doxorubicin. *Journal of Pharmaceutical and Biomedical Analysis, 20*, 543-548.

Zhou, Q., & Chowbay, B. (2002). Determination of doxorubicin and its metabolites in rat serum and bile by LC: Application to preclinical pharmacokinetic studies. *Journal of Pharmaceutical and Biomedical Analysis, 30*, 1063-1074