

เอกสารอ้างอิง

- จรัส สุวรรณเวลา "ปัญหาชนกลุ่มน้อยชาวไทยภูเขา" รายงานการวิจัย สข 2/23 จุฬาลงกรณ์มหาวิทยาลัย : สถาบันวิจัยวิทยาศาสตร์การแพทย์, 2523.
- จรัส สุวรรณเวลา, จิตร สิทธิอมร และรัชช โปษยะจินดา "ปัญหาการศึกษาในประเทศไทย" รายงานการวิจัย สท 2/21 จุฬาลงกรณ์มหาวิทยาลัย: สถาบันวิจัยวิทยาศาสตร์การแพทย์, 2521.
- มรกต พันธเศรษฐ "ปัจจัยที่มีอิทธิพลต่อสภาวะการติดต่อมอร์ฟินในหนู" วิทยานิพนธ์ปริญญามหาบัณฑิต ภาควิชา ชีววิทยา บัณฑิตวิทยาลัย จุฬาลงกรณ์มหาวิทยาลัย, 2522.
- รัชช โปษยะจินดา "วิวัฒนาการปัญหายาเสพติดในประเทศไทย" รายงานการวิจัย สส. 1/23 จุฬาลงกรณ์มหาวิทยาลัย : สถาบันวิจัยวิทยาศาสตร์การแพทย์, 2523.
- สกลไศ อัครวิไล และคนอื่น ๆ ยาออกฤทธิ์ต่อระบบประสาทส่วนกลาง กรุงเทพมหานคร : คณะเภสัชศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย, 2520.
- เสถียร รัชชลักษณะ, ผู้รวบรวม กฎหมายตราสามดวง (ตอน ง) ประชุมกฎหมายประจำศก เล่ม 1 พระนคร : โรงพิมพ์นิติเวช, 2478.
- Abraham, G.E. "Radioimmunoassay of Steroids in Biological Materials" Acta Endocrinologica Supplement 75 (1974) : 1-42.
- Adler, F.L., and Liu, C.T. "Detection of Morphine by Hemagglutination Inhibition" Journal of Immunology 106 (1971) : 1684-1685.
- Adler, F.L.; Liu, C.T.; and Catlin, D.H. "Immunological Studies on Heroin Addiction. I. Methodology and Application of a Hemagglutination-Inhibition Test for Detection of Morphine." Clinical Immunology and Immunopathology. 1 (1972) : 53-68.
- Arena, J.M. "Drugs and Breast Feeding" Clinical Pediatrics 5 (1966) : 472.
- Blinick, G., et al. "Methadone Assays in Pregnant Women and Progeny" American Journal of Obstetrics and Gynecology. 121 (1975) : 617-621.
- Boerner, U., and Abbott, S. "New Observations in the Metabolism of Morphine : the Formation of Codeine from Morphine in Man." Experientia 29 (1973) : 180-181.

- Boerner, U.; Roe, R.L.; and Decker, C.E. "Detection, Isolation and Characterization of Normorphine and Norcodeine as Morphine Metabolites in Man." Journal of Pharmaceutical Pharmacology 26 (1974) : 393-398.
- Born, G.V.R., et al. "Detection of Drugs of Abuse in Biological Fluids." In Handbook of Experimental Pharmacology, pp. 319-409. Edited by W.R. Martin. Germany, Springer-Verlag Berlin Heidelberg New York, 1977.
- Bosin, T.R. "Chemical Derivatization Techniques" In Guidelines for Analytical Toxicology Programs, pp. 169-189. Edited by Jerry J. Thoma, Paul B. Bondo, and Irving Sunshine. Ohio : CRC Press, 1977.
- Catlin, D.H. ; Cleeland, R. ; and Grunberg, E. "A Sensitive Rapid Radioimmunoassay for Morphine and Immunologically Related Substances in Urine and Serum." Clinical Chemistry 19 (1973) : 216-220.
- Christophersen, A.S., and Rasmussen, K.E. "On-Column Acylation, Heart Cutting and Electron Capture Detector of Opiates." Journal of Chromatography 168 (1979) : 216-220.
- Cobrinik, R.W.; Hood, R.T.; and Chusid, E. "The Effect of Maternal Narcotic Addiction of the Newborn Infant : Review of Literature and Report of 22 Cases." Pediatrics 24 (1959) : 288-304
- Cohen, S.L., and Bondo, P.B. "Ultraviolet-Visible Spectrophotometry." In Guidelines for Analytical Toxicology Programs, pp. 117-152. Edited by Jerry J. Thoma, Paul B. Bondo, and Irving Sunshine. Ohio : CRC Press, 1977.
- Danutra, V., et al. "Research Data and Summary. Analysis of Opiates in Body Fluid : Urinary Excretion Profile." Drug Dependence Research Center Technical Report DL-1 (1978) : 1-3.
- Desmond M.M, et al. "Maternal Barbiturate Utilization and Neonatal Withdrawal Symptomatology." The Journal of Pediatrics. 80 (1972) : 190-197.

- Doedens, D.J., et al. "Confirmation of Morphine on Thin Layer Plate by Fluorometry." Journal of Chromatography 100 (1974) : 225-226.
- Ekins, R.P. "Basic Principles and Theory." British Medical Bulletin 30 (1974) : 3-11.
- Fairbairn, J.W., and El-masry, S. "The Alkaloids of Papaver Somniferum L. VI. : "Bound" Morphine and Seed Development" Phytochemistry 7 (1968) : 181-187.
- Ferguson, B.B.; Wilson, D.J.; Schaffner, W. "Determination of Nicotine Concentrations in Human Milk." American Journal of Disease of Children 130 (1976) : 837-839.
- Findlay, J.W.A., et al "Analgesic Drugs in Breast Milk and Plasma." Clinical Pharmacology and Therapeutics 15 (1974) : 579-587.
- Fry, D.E.; Wills, P.D.; and Twycross, R.G. "The Quantitative Determination of Morphine in Urine by Gas-Liquid Chromatography and Variations in Excretion." Clinica Chimica Acta 51 (1974) : 183-190.
- Garratt, D.C., et al "Determination of Morphine in Raw Opium, Opium Tincture and Other Opiate Preparations by Gas-Liquid Chromatography." Analyst 103 (1978) : 268-283.
- Goldbaum, L.R., and Williams, M.A. "The Identification and Determination of Micrograms of Morphine in Biological Samples." Journal of Forensic Sciences 13 (1968) : 253-261.
- Goodfriend, M.J.; Shey, I.A.; and Klein, M.D. "The Effects of Maternal Nardotic Addiction on the Newborn." American Journal of Obstetrics and Gynecology. 71 (1956) : 29-36.
- Gorodetzky, C.W. "Efficiency and Sensitivity of Two Common Screening Methods for Detecting Morphine in Urine." Clinical Chemistry 19 (1973) : 753-755.

- Gorodetzky, C.W., and Kullberg, M.P. "Validity of Screening Methods for Drugs of Abuse in Biological Fluids : II. Heroin in Plasma and Saliva." Clinical Pharmacology and Therapeutics 15 (1974) : 579-587.
- Gough, T.A., and Baker, P.B. "The Selection of Gas Chromatographic Stationary Phase and Operating Conditions for the Separation and Quantitation of Heroin and Structurally Related Compounds." Journal of Chromatographic Science 19 (1981) : 227-234.
- Grove, M.D., et al "Morphine and Codeine in Poppy Seed." Journal of Agricultural Food Chemistry 24 (1976) : 896-897.
- Holcomb, J.; Luers, R.B.; and Fusari, S.A. "Chromatographic Separation and Assay of Morphine in Tablets." Journal of Pharmaceutical Sciences 67 (1978) : 1099-1102.
- Ikekawa, N., et al "Determination of Morphine in Urine by Gas Chromatography." Analytical Biochemistry 28 (1969) : 156-163.
- Jane, I, and Tayler, J.F. "Characterization and Quantitation of Morphine in Urine Using High Pressure Liquid Chromatography with Fluorescence Detection." Journal of Chromatography 109 (1975) : 37-42.
- Kirby, M.L. "Morphine in Fetuses After Maternal Injection : Increasing Concentration with Advancing Gestational Age." Proceedings of Society for Experimental Biology and Medicine 162 (1979) : 287-290.
- Knowles, J.A. "Excretion of Drugs in Milk - a Review." Pediatric Pharmacology and Therapeutics 66 (1965) : 1068-1081.
- Kokoski, R.J., and Mishrilal, J. "Comparison of Results for Morphine Urinalyses by Radioimmunoassay and Thin Layer Chromatography in a Narcotic Clinic Setting." Clinical Chemistry 21 (1975) : 417-419.
- Kwit, N.T., and Hatcher, R.A. "Excretion of Drugs in Milk." American Journal of Disease of Children 49 (1935) : 900-904.

- Leute, R.K.; Ullman, E.F.; and Goldstein, A. "Spin Immunoassay of Opiate Narcotics in Urine and Saliva." Journal of American Medical Association 221 (1972) : 1231-1234.
- Lund, C.J., and Harris, J.W. "The Use of Heroin (Diacetyl-Morphine) in Labor." American Journal of Obstetrics and Gynecology 45 (1943) : 980-991.
- Monk, E.L.; Erb, R.E.; and Mollet, T.A. "Relationships Between Immunoreactive Estrone and Estradiol in Milk, Blood, and Urine of Dairy Cows." Journal of Dairy Science 58 (1975): 34-40.
- Moore, J.M. "Rapid and Sensitive Gas Chromatographic Quantitation of Morphine, Codeine and O<sup>6</sup> Acetyl Morphine in Illicit Heroin Using an Electron Capture Detector." Journal of Chromatography 147 (1978) : 327-336.
- Moya, F., and Thorndike, V. "Passage of Drugs Across the Placenta" American Journal of Obstetrics and Gynecology 84 (1962) : 1778-1888.
- Mulé, S.J. "Determination of Narcotic Analgesics in Human Biological Materials, Application of Ultraviolet Spectrophotometry, Thin Layer and Gas Liquid Chromatography." Analytical Chemistry. 36 (1964) : 1907-1914.
- Nakamura, G.R., and Way, E.L. "Determination of Morphine and Codeine in Post-Mortem Specimens." Analytical Chemistry 47 (1975): 775-778.
- Nicholson, J.D. "Derivative Formation in the Quantitative Gas-Chromatographic Analysis of Pharmaceuticals. Part I." The Analyst 103 (1978) : 1-28.
- Nybell-Lindahl, G., et al "Maternal and Fetal Concentration of Morphine After Epidural Administration During Labor." American Journal of Obstetrics and Gynecology. 139 (1981) : 20-21.

- O'Brien, T.E. "Excretion of Drugs in Human Milk." American Journal of Hospital Pharmacy. 31 (1974) : 844-854
- Oldendorf, W.H., et al. "Blood-Brain Barrier : Penetration of Morphine, Codeine, Heroin, and Methadone After Carotid Injection." Science 178 (1972) : 984-986.
- Ottenstein, D.M., and Supina, W.R. "Gas Chromatography Columns." In Guidelines for Analytical Toxicology Programs, pp. 51-68 Edited by Jerry J. Thoma, Paul B. Bondo, and Irving Sunshine. Ohio : CRC Press, 1977.
- Platzker, A.C.D.; Law, C.D.; and Stewart, D. "Drug Administration via Breast Milk." Hospital Practice 15 (1980) : 111-117.
- Prager, M.J.; Harrington, S.M.; and Governo, T.F. "Gas-Liquid Chromatographic Determination of Morphine, Heroin, and Cocaine." Journal of Association of Official Analytical Chemists. 62 (1979) : 304-307..
- Rasmussen, K.E. "Quantitation Morphine Assay by Means of Gas-Liquid Chromatography and On-Column Silylation." Journal of Chromatography 120 (1976) : 491-495.
- Ray, O, Drugs, Society and Human Behavior 2d ed. St. Louis : CV. Mosby, 1978.
- Rowland, F.W., and Kananen, G.E. "Gas Chromatography." In CRC Handbook Series in Clinical Laboratory Science, pp. 9-155. Edited by I. Sunshine Ohio : CRC Press, 1978.
- Rowley, G.L., et al "Mechanism by Which Antibodies-Inhibit Hapten-Malate Dehydrogenase Conjugates : An Enzyme Immunoassay for Morphine." Journal of Biological Chemistry 250 (1975): 3759-3766.
- Rubenstein, K.E.; Schneider, R.S.; and Ullman, E.F. "Homogeneous Enzyme Immunoassay : A New Immunochemical Technique, Biochemical and Biophysical Research Communications 47 (1972) : 846-851.

- Scharpe, S.L., et al "Quantitative Enzyme Immunoassay." Clinical Chemistry 22 (1976) : 733-738.
- Schneider, R.S., et al "Homogeneous Enzyme Immunoassay for Opiates in Urine." Clinical Chemistry 19 (1973) : 821-825.
- Shute, E. and Davis, M.E. "The Effect on the Infant of Morphine Administered in Labor." Surgery, Gynecology and Obstetrics 57 (1933) : 727-736.
- Slooten, E.P.J., and Helm, H.J. "Comparison of the Emit (Enzyme Multiplied Immunoassay Technique) Opiate Assay and a Gas-Chromatographic-Mass Spectrometric Determination of Morphine and Codeine in Urine." Clinical Chemistry 22 (1976) : 1110-1111.
- Smith, D.A., and Cole, W.J. "Rapid and Sensitive Gas Chromatographic Determination of Diacetylmorphine and Its Metabolite Monoacetylmorphine in Blood Using a Nitrogen Detector." Journal of Chromatography. 105 (1975) : 377-381.
- Spratt, E. "Interfering Compounds in Urine Screening for Drugs." In Toxicology Annual, pp. 229-267. Edited by C.L. Winek, and S.P. Shanor, New York : Marcel Dekker, 1974.
- Spector, S., and Parker, C.W. "Morphine Radioimmunoassay" Science 168 (1970) : 1347-1348.
- Steiner, M., and Spratt, J.L. "Solid-Phase Radioimmunoassay for Morphine, With Use of an Affinity-Purified Morphine Antibody." Clinical Chemistry 24 (1978) : 339-342.
- Stolman, A., and Pranita, P.A.F. "XAD-2 Resin Drug Extraction Methods for Biologic Samples." Clinical Toxicology. 10 (1977) : 49-60.
- Street, H.V., Vyeudilik, W., and Machata, G. "Gas Liquid Chromatography of Submicrogram Amounts of Drugs : V. Preparation of low-Activity Packed Columns and Their Application to the Toxicological Analysis of Underivatized Polar Drugs in the low Nanogram Range." Journal of Chromatography 168 (1979) : 117-124.

- Suwanwela, C., et al. "The Hill Tribes of Thailand : Their Opium Use and Addiction." Drug Dependence Research Center Technical Report DH - 4 (1977) : 8-9.
- Terhaar, D.A., and Porro, T.J. "Fluorescence Spectrophotometry." In Guidelines for Analytical Toxicology Programs, pp. 153-170. Edited by J.J. Thoma, P.B. Bondo, and I. Sunshine Ohio : CRC Press, 1977.
- Terwilliger, W.G., and Hatcher, R.A. "The Elimination of Morphine and Quinine in Human Milk." Surgery, Gynecology and Obstetrics 58 (1934) : 823-826.
- Thomas, M.J., et al. "The Detection and Measurement of D.Norgestrel in Human Milk Using Sephadex LH-20 Chromatography and Radioimmunoassay." Steroid 30 (1977) : 349-361.
- Usatequi-Gomez, N., et al. "Simultaneous Detection of Morphine and Babbiturates in Urine by Radioimmunoassay." Clinical Chemistry 21 (1975) : 1378-1382.
- Vorherr, H. "Drug Excretion in Breast Milk." Postgraduate Medicine 56 (1974) : 97-104.
- Wallace, J.E., et al. "Determination of Morphine in Biologic Fluids by Electron Capture Gas-Liquid Chromatography." Analytical Chemistry 46 (1974) : 2107-2110.
- Wallace, J.E.; Biggs, J.D.; and Blum, K. "Gas Liquid and Thin-Layer Chromatographic Determination of Morphine in Biological Specimens." Clinica Chimica Acta. 36 (1972) : 85-91.
- Way, E.L., and Adler, T.K. "The Biological Disposition of Morphine and Its Surrogates-1." Bulletin of World Health Organization 25 (1961) : 227-262.
- WHO : Meeting of Investigators "Detection of Dependence Producing Drugs in Body Fluids." WHO technical Report Series 556 Geneva : WHO, 1974.



- Wilkinson, G.R., and Way, E.L. "Submicrogram Estimation of Morphine in Biological Fluid by Gas-Liquid Chromatography." Biochemical Pharmacology 18 (1969) : 1435-1439.
- Wilson, J.T., et al "Drug Excretion in Human Breast Milk : Principles, Pharmacokinetics and Projected Consequences." Clinical Pharmacokinetics 5 (1980) : 1-66.
- Working Group on the Application of Laboratory Methods in the Surveillance Epidemiology of Drug Dependence." Final Report 28 November - 4 December 1978. Manila : Regional Office for the Western Pacific of the WHO. (February 1979) . 1-38.
- Wotiz, H.H., and Clark, S.J. Gas Chromatography in the Analysis of Steroid Hormones. New York : Plenum Press, 1966.
- Yeh, S.Y. "Urinary Excretion of Morphine and Its Metabolites in Morphine Dependent Subjects." Journal of Pharmaceutical and Experimental Therapeutic 192 (1975) : 201-210.
- Yeh, S.Y.; Gorodetzky, C.W.; and Kraus, H.A. "Isolation and Identification of Morphine 3-and 6-Glucuronides, Morphine 3,6 diglucuronide, Morphine 3-Ethereal Sulfate, Normorphine, and Normorphine 6-Glucuronides as Morphine Metabolites in Humans." Journal of Pharmaceutical Sciences 66 (1977) : 1238-1293.
- Yeh, S.Y., and McQuinn, R.L. "GLC Determination of Heroin and Its Metabolites in Human Urine." Journal of Pharmaceutical Sciences 64 (1975) : 1237-1239.
- Yeh, S.Y.; McQuinn, R.L.; and Gorodetzky, C.W. "Identification of Diacetylmorphine Metabolites in Humans" Journal of Pharmaceutical Sciences. 66 (1977) : 201-204.
- Zelson, D.; Rubio, E. ; and Wasserman, E. "Neonatal Narcotic Addiction 10 Year Observation." Pediatrics 48 (1971) : 178-189.

ประวัติผู้เขียน



นางสาว พรพิมล กองทิพย์ เกิดวันที่ 7 สิงหาคม พ.ศ. 2500 สำเร็จการศึกษา  
ปริญญาวิทยาศาสตรบัณฑิต สาขาเคมี (เกียรตินิยมอันดับสอง) คณะวิทยาศาสตร์และอักษรศาสตร์  
มหาวิทยาลัยเกษตรศาสตร์ เมื่อปี พ.ศ. 2521