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### **BOOKS, TEACHING MANUALS, & OTHER SCHOLARLY DOCUMENTS:**

Vasiliades, J.: "Disopyramide Determination by Gas Chromatography with a Nitrogen Selective Detector." *Methodology for Analytical Toxicology*, vol. III, I. Sunshine, Editor.

### **SCHOLARSHIP:**

*Published contributions to the literature.*

J.D. Carr and John Vasiliades, "Polyamine Substitution Reactions of Tris (2-aminoethyl) aminocopper (II)," *Inorg. Chem.*: Vol. II: 2101-08, (1972).

L.C. Coombs, John Vasiliades, and D.W. Margerum, "Analysis of Mixtures of Aminopolycarboxlic Acids by Chemical Kinetics," *Anal. Chem.*: Vol. 44, 2325-31, (1972).

John Vasiliades and Abraham Siegel, "A Simplified and Rapid Direct Method for the Determination of Triiodothyronine in Human Serum," *Ala J. of Med. Science.* : Vol. 10, 439-44, (1974).

John Vasiliades and T. Sahawneh, "Effect of Diphenylhydantoin on Serum Copper, Zinc and Magnesium," *Clin. Chem.*: Vol. 21, 637, (1975).

John Vasiliades and Tamela Turner, "A Modified UV Spectrophotometric Method for the Determination of Theophylline in Serum in the Presence of Barbiturates," *Clin. Chem. Acta.*: Vol. 69, 491-495, (1976).

John Vasiliades and Kerry C. Bush, "Gas Liquid Chromatographic Determination of Therapeutic and Toxic Levels of Amitriptyline in Human Serum with a Nitrogen Sensitive Detector," *Anal. Chem.*: Vol. 48, 1708-11, (1976).

John Vasiliades, C. Andrew Robinson, Jr., T. Oglesby, John Volanakis and Dan Prince. "Non Correlation Between Serum Gold and Complement Concentrations," *Clin. Chem.*: Vol. 23, 301, (1977).

John Vasiliades, "Emergency Toxicology. The Evaluation of Three Analytical Methods for the Determination of Misused Alcohols," *Clin. Tox.*: Vol. 10, 399-409, (1977).

John Vasiliades, David Shettleworth and C. Owens, "Diphenylhydantoin. A Comparison Study of the Enzyme Immunoassay and a Chemical Method," J. Anal. Tox.: Vol. 1, 73-74, (1977).

John Vasiliades, James Pollock and C. Andrew Robinson, "Pitfalls of the Alcohol Dehydrogenase Procedure for the Emergency Assay of Alcohol. A Case Study of Isopropanol Misuse," Clin. Chem.: Vol. 24, 383-385, (1978).

John Vasiliades, Tamela Turner and Carmen Owens, "A Modified Sensitive Spectrofluorometric Method for the Determination of Propranolol in Serum," Am. J. Clin. Path.: Vol. 70, 793-799, (1978).

John Vasiliades, Carmen Owens and Donna Pirkle, "Gas Chromatographic Determination of Disopyramide in Serum with Use of Nitrogen-Selective Detector," Clin. Chem.: Vol. 25, 311-313, (1979).

C.A. Robinson, B. Mitchell, John Vasiliades, and A.L. Siegel, "Cephalosporin Antibiotic Interference with Analysis for Theophylline by High-Performance Liquid Chromatography," Clin. Chem.: Vol. 24, 1847, (1978).

John Vasiliades, Tuamah M. Sahawney and Carmen Owens, "The Det. of Therapeutic and Toxic Concentrations of Doxepin and Loxapine Using Gas Liquid Chromatography with a Nitrogen-Sensitive Detector. GC/MS of Loxapine," J. Chromatogr.: Vol. 164, 457-470, (1979).

John Vasiliades, Carmen Owens and Francis Raguza, "Disopyramide Determination by Gas Chromatography, Liquid Chromatography and Gas Chromatography with Mass Spectrometry," Clin. Chem.: Vol. 25, 1900-1904, (1979).

John Vasiliades, "Identification of Misused Drugs in the Clinical Laboratory. I. Tricyclics," Clin. Biochem.: Vol. 13, 24-29, (1980).

John Vasiliades and Carmen Owens, "The Determination of Midazolam in Serum by Gas Chromatography with Nitrogen-Selective Detector," J. Chromatogr.: Vol. 182, 439-444, (1980).

John Vasiliades and Tamela Rodgers, "Pitfalls of the Alcohol Dehydrogenase Procedure for the Assay of Alcohol. Cases of Isopropanol Ingestion and a case study of Ethylene Glycol Misuse." Advances in Neurotoxicology, (L. Manzo, N. Kery, Y. Lacasse and L. Roche, eds.) Pergamon Press, Oxford (England), pg. 165-70, (1980).

John Vasiliades and T. Sahawneh, "Determination of Midazolam by High Performance Liquid Chromatography." J. Chromatogr.: Vol. 225, 266-71, (1981).

John Vasiliades and T. Sahawneh, "The Determination of Midazolam by Gas Chromatography, Liquid Chromatography and Gas Chromatography-Mass Spectrometry." J. Chromatogr.: Vol. 228, 195-203, (1982).

John Vasiliades, K. Wilkerson, et al. Gas Chromatographic Determination of Verapamil, Norverapamil with a Nitrogen-Selective Detector. Clin. Chem.: Vol. 28, 638-641, (1982).

John Wagner, A. Rocchini, Dennis Crawley, John Vasiliades, and Ammon Rosenthal, "Hemodynamic Effects of Verapamil in Children with Hypertrophic Cardiomyopathy." Circulation; 67, 413-420, (1983).

John Vasiliades, "A Systematic Laboratory Approach for the Identification of Drugs in Presumably Poisoned (Overdosed) Patients." Clin. Tox., 20, 23-46, (1983).

John Vasiliades and Joe Finkel, "Quinidine Determination by Spectrofluorometry, Liquid Chromatography and Fluorescence Scanning Thin-Layer Chromatography. J. Chromatogr.: 278, 117-132, (1983).

John Vasiliades, S. Monaco, P. Miller and J. Lauer: "Abnormally High Values for Direct Bilirubin in Serum as Measured With the Technicon SMAC." Clin. Chem. : 29, 1961, (1983).

E. Patterson, B.T. Eller, G.D. Abrams, J. Vasiliades and B.R. Lucchesi, "Ventricular Fibrillation in a Conscious Canine Preparation of Sudden Coronary Death - Prevention by Short and Long Term Amiodarone Administration." Circulation: 68, 857-864, (1983).

John Vasiliades, Jim Kellett, and Robert S. Cox, "Gas Chromatographic Determination of Mexiletin with a Nitrogen-Selective Detector." Amer. J. Clin. Path.: 81, 776-779, (1984).

J. Vasiliades, T. Halstead, T. Kiteley, and R.S. Cox: "Determination of Theophylline, Phenytoin, Phenobarbital, Gentamicin and Tobramycin by Fluorescence Polarization Immunoassay and Enzyme Immunoassay." J. Clin. Lab. Auto.: 4, 315-320, (1984).

John Vasiliades, "Sensitive, Selective, and Rapid Procedure for the Identification of Ecgonine Methyl Ester in Urine." J. Anal. Toxicol. : 13, 127, (1989).

John Vasiliades, T. Hilgers, B. Gentrup and J. Remsburg, "Increased Estradiol Concentration of Unknown Origin." Clin. Chem. :37, 2152-53, (1991).

John Vasiliades, "Sensitive, Selective and Rapid Procedure for the Quantitation of Ecgonine Methyl Ester in Urine." J. Anal. Toxicol. : 15, 345, (1991).

John Vasiliades, "Sensitive, Selective and Rapid Procedure for Quantifying Cocaine in Urine." Clin. Chem. :37, 2152, (1991).

John Vasiliades, "Long-Term Stability of Ecgonine Methyl Ester in Urine." J. Anal. Toxicol. :17, 253, (1993).

#### **UNPUBLISHED CONTRIBUTIONS:**

*Unpublished contributions.*

John Vasiliades, and T. Sahawney, "Determination of Diazepam in Serum by Gas Chromatography Gas Chromatography-Mass Spectrometry and Liquid Chromatography.": (1986) (To be submitted).

John Vasiliades, "A Comprehensive Screen for the Determination of Drugs of Misuse in the Clinical Laboratory.II. Benzodiazepines." Clin. Biochem.: (1986) (To be submitted).

John Vasiliades: "Micro Determination of Chloramphenical in Serum by HPLC." Clin. Chem.: (1986) (To be submitted).

John Vasiliades and Robert S. Cox: "The Determination of Fifteen Serum Analytes by DACOS and SMAC". Clin. Chem.: (1986) (To be submitted).

John Vasiliades, et al "Isofloxythepin by Gas Chromatography with a Nitrogen Selective Detector." J. Chromatogr.: (1986) (To be submitted for publication)

#### **ABSTRACTS:**

John Vasiliades, "Kinetics of Mechanism of the Reaction of Picric Acid and Creatinine." Clin. Chem.: Vol. 21, 1002, (1975).

John Vasiliades, Tamela Turner, Carmen Owens and David Shettlesworth, "A Modified Sensitive Spectrofluorometric Method for the Determination of Propranolol in Serum." Clin. Chem.: Vol. 23, 1170, (1977).

John Vasiliades and T. Sahawneh, "The Determination of Therapeutic and Toxic Levels of Doxepin Using Gas Chromatography with a Nitrogen Sensitive Detector. GC-MS of Loxapine." Abstr. X Internatl. Cong. Clin. Chem., Mex., pg. 146, (1978).

John Vasiliades, "A Comprehensive Screen for the Determination of Drugs of Misuse in the Clinical Laboratory. I. Tricyclics." Clin. Chem.: Vol. 24, 1030, (1978).

John Vasiliades, Carmen Owens, and Francis Raguza. "The Determination of Disopyramide in Serum by Gas Chromatography, Liquid Chromatography and Gas Chromatography-Mass Spectrometry." Abstr. The Annual European Meeting of the International Association of Forensic Toxicologists. Glasgow University, August 1979.

John Vasiliades, "Pitfalls of the Alcohol Dehydrogenase Procedure for the Emergency Assay of Alcohol: Case Studies of Isopropanol and Ethylene Glycol Overdose." Abstr. International Congress of Neurotoxicology, Varese, Italy, September 1979.

John Vasiliades, Carmen Owens and Faye Ogletree. "The Determination of Midazolam by Gas Chromatography, Liquid Chromatography and Gas Chromatography-Mass Spectrometry." Clin. Chem.: Vol. 26, 985, (1980).

John Vasiliades, Tamela Rodgers, and Beth Powell, "The Determination of Diazepam and Nordiazepam by Gas Chromatography, Gas Chromatography-Mass Spectrometry and Liquid Chromatography," Clin. Chem.: Vol. 26, 1005, (1980).

John Vasiliades and T. Sahawneh, "Midazolam Determination by GC, LC and GC/MS." Abstr. The IX International Congress of the European Association of Poison Control Centers and European Meeting of the International Association of Forensic Toxicologist. Thessoloniki, Greece, August 1980.

John Vasiliades, L.G. Cobbs, S. Polt and A.M. Elliott, "The Determination of Arabitol in Serum by Gas Chromatography and Gas Chromatography-Mass Spectrometry." Abstr. 20th Interscience Conference on Antimicrobial Agents and Chemotherapy. New Orleans, Louisiana, Sept. 22-24, 1980.

John Vasiliades and T. Sahawneh, "Determination of Midazolam in Serum by Gas Chromatography and Liquid Chromatography." Abstr. Pittsburg Conference on Analytical Chemistry and Applied Spectroscopy. Atlantic City, New Jersey, March 1981.

John Vasiliades and Karen Wilkerson, "A Comprehensive Screen for the Determination of Drugs of Misuse in the Clinical Laboratory." II. Benzodiazepines. Clin. Chem.: 27, 1103, (1981).

John Vasiliades, J. Finkle, S. Hunt, and K. Wilkerson, "Determination of Quinidine in Serum by Spectrofluorometry and Liquid Chromatography." Clin. Chem.: 27, 1087, (1981).

John Vasiliades, "A Comprehensive Screen for the Determination of Misused Drugs in the Clinical Laboratory." Abstr. The Academy of Clinical Laboratory Physicians and Scientists. Chapel Hill, North Carolina, May 1981.

John Vasiliades and K. Wilkerson, "The Determination of Creatinine by High Performance Liquid Chromatography." Abstr. Pittsburg Conference on Analytical Chemistry and Applied Spectroscopy. Atlantic City, New Jersey, March 1982.

J. Coillard, L. Mezei, F. Pearlman, J. Lott, J. Vasiliades and M. Sakanoto, "Evaluation of the Microsample STAT Analyzer (MSA) Method for the Determination of Creatinine." Clin. Chem.: Vol. 28, 1569, (1982).

John Vasiliades and K. Wilkerson, "Micro-Determination of Chloramphenicol in Serum by HPLC." Clin. Chem.: Vol. 28, 1549, (1982).

John Vasiliades, "A Comprehensive Screen for the Determination of Misused Drugs in the Clinical Laboratory." Vet. Hum. Toxicol.: 24, 296, (1982).

John Vasiliades and J. Kellett, "The Determination of Mixiletine in Serum by Gas Chromatography with a Nitrogen Selective Detector". Clin. Chem.: 29, 1166, (1983).

John Vasiliades, et. al., "Serum Determination of Theophylline, Phenytoin, Phenobarbital, Gentamicin and Tobramycin by FPIA and EMIT." Clin. Chem.: 29, 1156, (1983).

John Vasiliades, et. al. "Serum Calcium Determination by DACOS, ADA, ASTRA and SMAC." Abstr. Pittsburg Conference on Analytical Chemistry and Applied Spectroscopy. Atlantic City, New Jersey, March 1984.

John Vasiliades, et. al., "Determination of Eight Serum Analytes by COBAS-BIO and DACOS." Clin. Chem.: 30, (1984).

John Vasiliades et al, "The Determination of Drugs in Urine by TOXI-LAB and Thin Layer Chromatography." Abstr. 21st International Association of Forensic Toxicologist's Meeting, Brighton, U.K., September 1984.

John Vasiliades, "The Determination of Amitriptyline and Nortriptyline by Gas Chromatography with a Nitrogen Selective Detector." Vet. Hum. Toxicol.: 26, 412, (1984).

John Vasiliades, "The Determination of Isofloxythepin by Gas Chromatography with a Nitrogen-Selective Detector." Abstr. Thirty-Sixth Pittsburg Conference on Analytical Chemistry and Applied Spectroscopy, New Orleans, Louisiana, February 1985.

John Vasiliades, et. al., "The Determination of the Cocaine Metabolite, Ecgonine Methyl Ester in Urine, by Gas Chromatography with a Nitrogen Selective Detector." Clin. Chem.: 35, 1168 (1989).

John Vasiliades. "Urine Cocaine Determination by Gas Chromatography With a Nitrogen Selective Detector." Abstr. The 1989 AACT AAPCC/ABMT/CAPCC Annual Scientific Meeting, Atlanta, Georgia, October 1989.

John Vasiliades and J. Kuhlman. "Urine and Blood Cocaine Determination by Gas Chromatography With a Nitrogen Selective Detector." Abstr. The 42<sup>nd</sup> - Annual Meeting American Academy of Forensic Sciences, Cincinnati, Ohio, February 1990.

John Vasiliades, et. al., "Cocaine and Ecgonine Methyl Ester Determination in Blood and Urine, by Gas Chromatography with a Nitrogen Selective Detector." Clin. Chem.: 36, 1027 (1990).

John Vasiliades, et. al., "Long Term Stability of Hormones in Serum." Clin. Chem.: 41, S59 (1995).

John Vasiliades, et al. "Marijuana Detection in Hair Using Abuscreen On-Trak Immunoassay." Abstr. The 33rd International Congress of Forensic (TIAFT) & 1<sup>st</sup> On Environmental Toxicology - GRETOX 1995, Thessoloniki, Greece, August 27-31, 1995.

John Vasiliades, et al. "Cannabinoid Urine Positives After Ingestion of Hemp Seed Oil." Abstr. # 44, SOFT-TIAFT 1998. Society of Forensic Toxicologists and The International Association of Forensic Toxicologist. Albuquerque, New Mexico, October 5-9, 1998.

John Vasiliades et al. "FRONTLINE, ONTRAK and Gas Chromatography Mass Spectrometry Cannabinoid Positive Urines After Ingestion of Hemp Seed Oil." Abstr. K8 The 51<sup>st</sup> - Annual Meeting American Academy of Forensic Sciences, Orlando, Florida, February 15-20, 1999.

John Vasiliades, Kim Ford. "Rapid, sensitive direct procedure for the determination of gammahydroxybutyric acid ( GHB)." Clin. Chem.: Vol. 46, A185, (2000).

John Vasiliades, et al. "Long Term Stability of Alcohol in Blood." Abstr., TIAFT 2000. The International Association of Forensic Toxicologist. Helsinki, Finland, August 13-17, 2000.

John Vasiliades, et al. "Long Term Stability of Alcohol in Blood and Urine". Abstr. # P28, SOFT-2000. Society of Forensic Toxicologists. Milwaukee Wisconsin, October 2-6, 2000.

John Vasiliades, et al. "Stability of Alcohol in Blood and Urine." Abstr., #P15 TIAFT 2001 Prague. The International Association of Forensic Toxicologist. Prague, Czech Republic, August 26-30, 2001.

John Vasiliades, et al. "Simple Rapid, Sensitive Direct Method for the Identification and Quantitation of Gammahydroxybutyric acid ( GHB) in Urine." Abstr. # P5, SOFT- 2002. Society of Forensic Toxicologists. Dearborn, Michigan, October 13-17, 2002.

John Vasiliades, K. Colona. "Measuring Ethanol in Urine with the QED® Saliva Enzymatic Test Device: Comparison of Results with Gas Chromatography." Clin. Chem.: Vol. 49, A119, (2003).

John Vasiliades and K. Colonna "Measuring Ethanol in Urine with the QED® Saliva Enzymatic Test Device: Comparison of Results with Gas Chromatography." Abstr. # TOX-TP-02, The 3<sup>rd</sup> European Academy of Forensic Science Meeting, September 25, 2003, Istanbul, Turkey.

John Vasiliades and Kim Ford "Long Term Stability of Alcohol in Blood and Urine." Abstr. # TOX-TP-03, The 3<sup>rd</sup> European Academy of Forensic Science Meeting, September 25, 2003, Istanbul, Turkey.

John Vasiliades and Kristin Colonna. "Use of the QED® Saliva Enzymatic Alcohol Test Device for the Identification and Quantitation of Alcohol in Urine." Abstr. # 560-6P, Pittcon 2005, Pittsburg Conference on Analytical Chemistry and Applied Spectroscopy, Orlando, Florida, February (2005).

John Vasiliades, K. Colona. "Determination of Ephedrine / Pseudoephedrine in Over the Counter Medications by Gas Chromatography." Clin. Chem.: Vol. 51, A148, (2005).

John Vasiliades, et al. "Determination of Ephedrine / Pseudoephedrine in Over the Counter Medications by Gas Chromatography." Abstr. # P4, SOFT- 2005, Society of Forensic Toxicologists. Nashville, Tennessee, October 17-21, 2005.

John Vasiliades and Kristin Colonna. "Determination of Ephedrine / Pseudoephedrine in Over the Counter Medications by Gas Chromatography" Abstr. # 1520-5P, Pittcon 2006, Pittsburg Conference on Analytical Chemistry and Applied Spectroscopy, Orlando, FL, March 12-17, (2006).

John Vasiliades and K. Colonna. "Ephedrine / Pseudoephedrine in Over the Counter Medications by Gas Chromatography." Abstr. # T99, The 4<sup>th</sup> European Academy of Forensic Science Conference, June 13-16, 2006, Helsinki, Finland.

John Vasiliades, E. Vasiliades and J. Antonio "Incidence and Drug Concentrations Found in Hair Samples Tested In a Private Midwestern United States Forensic Toxicology Laboratory". Abstr. # T100, The 4<sup>th</sup> European Academy of Forensic Science Conference, June 13-16, 2006, Helsinki, Finland.

John Vasiliades, Jill Antonio and Evan Vasiliades. "Incidence and Drug Concentrations Found in Hair Samples Tested In a Private Midwestern United States Forensic Toxicology Laboratory." Clin. Chem. : Vol. 52, A 75, (2006).

John Vasiliades, Jill Antonio and Evan Vasiliades. "Incidence and Drug Concentrations of Amphetamines Found in Hair Samples." Abstr. # 1430-7P, Pittcon 2007, Pittsburg Conference on Analytical Chemistry and Applied Spectroscopy, Chicago, Illinois, February 25-March 2, (2007).

John Vasiliades, et al. "Methamphetamine Incidence and Concentration Found in Hair Samples." Abstr., #P19, ICADTS \* TIAFT 2007 SEATTLE, WA 2007. The International Association of Forensic Toxicologist. Seattle, Washington, August 26-30, 2007.

#### **PRESENTATIONS BEFORE PROFESSIONAL GROUPS:**

1975 South East Section AACC Meeting. Birmingham, Alabama, October 9-11, 1975. "Current Concepts on the Mechanism of the Reaction of Alkaline Picrate and Creatinine."

1975 Alabama Section of the American Chemical Society. May 2, 1975. "Kinetics and Mechanism of the Reaction of Picric Acid and Creatinine."

1975 9<sup>th</sup> International Congress of Clinical Chemistry. July 13-18, 1975, Toronto, Canada. "Kinetics and Mechanism of the Reaction of Picric Acid and Creatinine."

1975 AACC Regional Meeting. Charleston, South Carolina, April 2-4, 1975. "Emergency Toxicology. The Evaluation of Three Analytical Methods for the Determination of Misused Alcohols."

1976 AACC Regional Meeting. April 1976, Atlanta, Georgia. "Gas Liquid Chromatographic Determination of Therapeutic and Toxic Levels of Amitriptyline in Human Serum with a Nitrogen Sensitive Detector."

1976 Association of Drug Detection Laboratories. National Meeting, New Orleans, Louisiana. "Diphenylhydantoin. A Comparison Study of the Enzyme Immunoassay and a Chemical Method."

1976 Second European Congress in Clinical Chemistry. Prague, Czechoslovakia, September 29, 1976. "Current Concepts on the Chemistry of the Reaction of Alkaline Sodium Picrate and Creatinine."

1977 Purdue University. Minisymposium, July 15-16, 1977. "Emergency Room Toxicology. An Important Area of Analytical and Clinical Importance."

1977 University of Nebraska. Presentation to Division of Analytical Chemistry. November 29, 1977. "Emergency Toxicology."

1977 National AACC Meeting, Chicago, Illinois, July 18, 1977. "A Modified Spectrofluorometric Method for the Determination of Propranol in Serum."

1978 X International Congress of Clinical Chemistry, February 23-March 3, 1978 Mexico City, Mexico. "The Determination of Therapeutic and Toxic Levels of Doxepin and Loxapine Using Gas Chromatography with a Nitrogen Sensitive Detector."

1979 American Association of Clinical Chemists (AACC) National Meeting, San Francisco, California, July 23-28, 1978. "A Comprehensive Screen for the Det. of Drugs of Misuse in the Clinical Laboratory. I. Tricyclics."

Regional Emergency Medical Services System, Birmingham, Alabama, February 28, 1979. "The Toxicology Laboratory and the Poisoned Patient. Management of the Poisoned/Overdose Patients".

Annual European Meeting of the International Association of Forensic Toxicologists, Glasgow, Scotland, August 1979. "The Determination of Disopyramide by Gas Chromatography, Liquid Chromatography and Gas Chromatography-Mass Spectrometry. A Comparative Analysis."

1980 American Association of Clinical Chemists (AACC) National Meeting, Boston, Massachusetts, July 20-25, 1980.

1. "The Determination of Midazolam by Gas Chromatography, Liquid Chromatography and Gas Chromatography-Mass Spectrometry.
2. "The Determination of Diazepam, and Nordiazepam by Gas Chromatography, Gas Chromatography-Mass Spectrometry and Liquid Chromatography."

The 9<sup>th</sup> International Congress of the European Association of Poison Control Centres and European Meeting of the International Association of Forensic Toxicologists, Thessaloniki, Greece, August 1980. "Midazolam Determination by GC, LC and GC/MS."

Pittsburg Conference in Analytical Chemistry and Applied Spectroscopy, Atlantic City, New Jersey, March 9-14, 1981. "Determination of Midazolam in Serum by GC and LC."

1981 American Association of Clinical Chemists (AACC) National Meeting, Kansas City, Missouri, July 19-24, 1981.

1. "A Comprehensive Screen for the Determination of Drugs of Misuse in the Clinical Laboratory. II. Benzodiazepines."
2. "Determination of Quinidine in Serum by Spectrofluorometry and Liquid Chromatography."

Seventh Annual Symposium of the Association of Drug Detection Laboratories, Houston, Texas, December 3-5, 1981. "A Comprehensive Screen for the Determination of Misused Drugs in the Clinical Laboratory."

Pittsburg Conference in Analytical Chemistry and Applied Spectroscopy, Atlantic City, New Jersey, March 8-13, 1982. "The Determination of Creatinine by High Performance Liquid Chromatography."

1982 American Association of Clinical Chemists National Meeting, Anaheim, California, August 8-13, 1982.

1. "Evaluation of the Microsample STAT Analyzer (MSA) Method for the Determination of Creatinine."
2. "Micro-Determination of Chloramphenicol in Serum by HPLC."

1982 International Congress of Clinical Toxicology, Snowmass, Colorado, August 8-13, 1982. "A Comprehensive Screen for the Determination of Misused Drugs in the Clinical Laboratory."

American Association of Clinical Chemistry Michigan Section. October 28, 1982, Detroit, Michigan. "The Clinical Laboratory and the Poisoned (Overdosed) Patient."

8<sup>th</sup> Annual Symposium of the Association of Drug Detection Laboratories, Austin, Texas, December 2-4, 1982. "Determination of Theophylline in Serum by LC, EMIT and Fluorescence Polarization Innumoassay."

1983 American Association of Clinical Chemists (AACC) National Meeting, New York, New York, July 24-29, 1983.

1. "The Determination of Mixileline in Serum by Gas Chromatography with a Nitrogen Selective Detector."
  2. "Serum Determination of Theophylline, Phenytoin, Phenobarbital, Gentamicin and Tobramycin by FPIA and EMIT."
- Medical Technology's Region IV Meeting, Omaha, Nebraska, October 7, 1983. "Clinical Laboratory Toxicology."

University of Nebraska, Department of Chemistry, October 10, 1983. "Clinical Laboratory Toxicology. "A Dynamic Area of the Clinical Laboratory."

2<sup>nd</sup> African Mediterranean and Near East Congress of Clinical Chemistry, Cairo, Egypt, November 20-24, 1983.

1. "A Comprehensive Screen for the Determination of Drugs in the Clinical Laboratory."
2. "Determination of Drugs by TDX and COBAS-BIO (EMIT)."

Pittsburg Conference and Exposition on Analytical Chemistry and Applied Spectroscopy, March 509, 1984. "Serum Calcium Determination by DACOS, ACA, ASTRA and SMAC."

1984 AACC National Meeting, Washington, DC, July 29-August 3, 1984. "Determination of Eight Serum Analytes by COBAS-BIO and DACOS."

21<sup>st</sup> International Meeting of the International Association of Forensic Toxicologists, Brighton, UK, September, 1984. "The Determination of Drugs in Urine by TOXI-LAB and Thin Layer Chromatography."

Annual Scientific Meeting of the American Academy of Clinical Toxicology, October 1984, San Diego, California. "The Determination of Amitriptyline and Nortriptyline by Gas Chromatography with a Nitrogen Selective Detector."

Thirty-Sixth International Pittsburg Conference on Analytical Chemistry and Applied Spectroscopy, New Orleans, Louisiana, February 25-March 1, 1985.  
"The Determination of Isofloxythepin by Gas Chromatography with a Nitrogen Selective Detector."

1989 AACC National Meeting, Atlanta, Georgia, July 23-27, 1989.  
"The Determination of the Cocaine Metabolite, Ecgonine Methyl Ester in Urine, by Gas Chromatography with a Nitrogen Selective Detector."

American Academy of Forensic Sciences 42<sup>nd</sup> Annual Meeting, Cincinnati, Ohio, February 19-24, 1990.  
"Urine and Blood Cocaine Determination by Gas Chromatography with a Nitrogen Selective Detector."

XIV International Congress of Clinical Chemistry, San Francisco, California, July 22-26, 1990.  
"Cocaine and Ecgonine Methyl Ester Determination in Blood and Urine, by Gas Chromatography with a Nitrogen Selective Detector."

1995 AACC National Meeting, Anaheim, CA, July 16-20, 1995.  
"Long Term Stability of Hormones in Serum."

The 33<sup>rd</sup> International Congress of Forensic (TIAFT) & 1<sup>st</sup> On Environmental Toxicology "GRETOX 1995," Thessaloniki, Greece, August 27-31 1995.  
"Marijuana Detection in Hair Using Abuscreen On-Trak Immunoassay."

SOFT-TIAFT 1998. Society of Forensic Toxicologists and The International Association of Forensic Toxicologist. Albuquerque, New Mexico, October 5-9, 1998.  
"Cannabinoid Urine Positives After Ingestion of Hemp Seed Oil."

The 51<sup>st</sup> Annual Meeting American Academy of Forensic Sciences , Orlando, Florida, February 15-20, 1999. "FRONTLINE, ONTRAK and Gas Chromatography Mass Spectrometry Cannabinoid Positive Urines After Ingestion of Hemp Seed Oil."

2000 AACC National Meeting, San Francisco, California, July 23-27, 2000.  
"Rapid, sensitive direct procedure for the determination of gammahydroxybutyric acid ( GHB)."

TIAFT 2000. The International Association of Forensic Toxicologist. Helsinki, Finland, August 13-17, 2000. "Long Term Stability of Alcohol in Blood."

SOFT- 2000. Society of Forensic Toxicologists. Milwaukee, Wisconsin, October 20, 2000.  
"Long Term Stability of Alcohol in Blood and Urine."

TIAFT 2001. The International Association of Forensic Toxicologist. Prague, Czech Republic, August 26-30, 2001. “Long Term Stability of Alcohol in Blood and Urine.”

TIAFT 2002. The International Association of Forensic Toxicologist. Paris, France, August 26-30, 2002. “Rapid, Sensitive, Direct Method for the Identification of Gammahydroxybutyric Acid (GHB) in Urine”.

SOFT- 2002. Society of Forensic Toxicologists. Dearborn, Michigan, October 13-17, 2002. “Simple, Rapid, Sensitive, Direct Method for the Identification and Quantitation of Gammahydroxybutyric Acid ( GHB) in Urine.”

2003 AACC National Meeting, Philadelphia, Pennsylvania, July 20-24, 2003. “Measuring Ethanol in Urine with the QED<sup>®</sup> Saliva Enzymatic Test Device: Comparison of Results with Gas Chromatography.”

3<sup>rd</sup> European Academy of Forensic Science Triennial Meeting, September 22-27, 2003, Istanbul, Turkey.

1. “Measuring Ethanol in Urine with the QED<sup>®</sup> Saliva Enzymatic Test Device: Comparison of Results with Gas Chromatography.”
2. “Long Term Stability of Alcohol in Blood and Urine.”

The 56<sup>th</sup> - Annual Meeting American Academy of Forensic Sciences , Dallas, Texas, February 16-21, 2004. “Use of the QED<sup>®</sup> Saliva Enzymatic Alcohol Test Device for the Identification and Quantitation of Alcohol in Urine.”

PittCon 2005, Pittsburg Conference on Analytical Chemistry and Applied Spectroscopy, Orlando, Florida, February 27-March 4, 2005. “Use of Saliva Enzymatic Alcohol Test Device for the Identification and Quantitation of Alcohol in Urine.”

2005 AACC National Meeting, Orlando, Florida, July 26-28, 2005. “Determination of Ephedrine / Pseudoephedrine in Over the Counter Medications by Gas Chromatography.”

SOFT- 2005. Society of Forensic Toxicologists. Nashville, Tennessee, October, 17-21, 2005. “Determination of Ephedrine / Pseudoephedrine in Over the Counter Medications by Gas Chromatography.”

2006 National Defender Investigator Association (NDIA) National Conference, San Francisco, California, April 28, 2006. “Forensic Toxicology for Paralegals and Investigators. Part I, 10:30 to 12:00, Alcohol. Part II, 1:30 - 3:00 Drugs.

PittCon 2006, Pittsburg Conference on Analytical Chemistry and Applied Spectroscopy, Orlando, Florida, March 12-17, 2006. “Determination of Ephedrine / Pseudoephedrine in Over the Counter Medications by Gas Chromatography.”

4<sup>th</sup> European Academy of Forensic Science Triennial Meeting, June 13-16, 2006, Helsinki, Finland.

1. “ Ephedrine / Pseudoephedrine in Over the Counter Medications by Gas Chromatography”.
2. “Incidence and Drug Concentrations Found in Hair Samples Tested In a Private Midwestern United States Forensic Toxicology Laboratory.”

2006 AACC National Meeting, Chicago, Illinois, July 23-27, 2006.

“Incidence and Drug Concentrations Found in Hair Samples Tested In a Private Midwestern United States Forensic Toxicology Laboratory.”

PittCon 2007, Pittsburg Conference on Analytical Chemistry and Applied Spectroscopy, Chicago, Illinois, February 25- March 2, 2007. “Incidence and Drug Concentrations of Amphetamines Found in Hair Samples.”

ICADTS \* TIAFT SEATTLE, WASHINGTON 2007. The International Association of Forensic Toxicologist. Seattle, Washington, August 26-30, 2007. “Methamphetamine Incidence and Concentration Found in Hair Samples.”

“Forensic Toxicology for Attorneys: Alcohol Drugs & How to Use an Expert,” Intensive Day Course for Attorneys. Various Locations - United States of America, Various Dates, 1999-Present.

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