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CURRICULUM VITAE – HARRY B. PLOTNICK

Education

J.D., Salmon P. Chase College of Law, Northern Kentucky University, 1977

Ph.D. (toxicology), University of Cincinnati College of Medicine, Department of Environmental Health, 1974

M.S. (pharmaceutical chemistry), University of Cincinnati Graduate School of Arts & Sciences, 1969

B.S. (pharmacy), University of Cincinnati College of Pharmacy, 1967

Professional Experience

Instructor in Pharmacology, College of Mt. Saint Joseph, Nursing Department, 1974 to 1977

Private practice of law and consultant in forensic toxicology, 1977 to present

Adjunct Assistant Professor of Political Science, University of Cincinnati Graduate School of Arts & Sciences, 1989 to 1991 (administrative law)

Chief, Toxicologic Mechanisms Section, Experimental Toxicology Branch, National Institute for Occupational Safety and Health (NIOSH), 1976 to 1983

Research Pharmacologist, Biochemistry Section, Toxicology Branch, National Institute for Occupational Safety and Health (NIOSH), 1974 to 1976

Publications

1. Plotnick, Harry B. (1969). Pharmacological Screening of 2-imino-5-phenyl-4-thiazolidinone, a Potentially Valuable Agent in the Treatment of Convulsive Disorders. Thesis submitted in partial satisfaction of the requirements for the Master of Science degree, University of Cincinnati Graduate School of Arts & Sciences.

2. Plotnick, Harry B. (1974). Studies of the Mechanism of Paraquat Toxicity. Dissertation submitted in partial satisfaction of the requirements for the Doctor of Philosophy degree, University of Cincinnati College of Medicine.
3. Plotnick, H.B. and Conner, W.L. (1976). Tissue distribution of ¹⁴C-Labeled Ethylene Dibromide in the Guinea Pig. *Res. Comm. Chem. Pathol. Pharmacol.* 13, 251.
4. Plotnick, H.B. (1978). Carcinogenesis in Rats of Combined Ethylene Dibromide and Disulfiram (April 21, 1978). (Letter to the Editor). *J. Am. Med. Assn.* 239, 1609.
5. Weigel, W.W., Plotnick, H.B. and Conner, W.L. (1978). Tissue distribution and Excretion of ¹⁴C-Epichlorohydrin in Male and Female Rats. *Res. Comm. Chem. Pathol. Pharmacol.* 20, 275.
6. Plotnick, H.B. and Weigel, W.W. (1979). Tissue Distribution and Excretion of ¹⁴C-Styrene in Male and Female Rats. *Res. Comm. Chem. Pathol. Pharmacol.* 24, 515.
7. Plotnick, H.B., Weigel, W.W., Richards, D.E. and Cheever, K.L. (1979). The Effect of Dietary Disulfiram Upon the Tissue Distribution and Excretion of ¹⁴C-1,2-Dibromoethane in the Rat. *Res. Comm. Chem. Pathol. Pharmacol.* 26, 535.
8. Plotnick, H.B., Weigel, W.W., Richards, D.E., Cheever, K.L. and Kommineni, C. (1980). Dietary Disulfiram Enhancement of the Toxicity of Ethylene Dibromide. In *Banbury Report 5 – Ethylene Dichloride: A Potential Health Risk?* Cold Spring Harbor Laboratory.
9. Cheever, K.L., Richards, D.E. and Plotnick, H.B. (1980). Metabolism of *ortho*-, *meta*-, and *para*-Toluidine in the Adult Male Rat. *Toxicol. Appl. Pharmacol.* 56, 361.
10. Cheever, K.L., Richards, D.E. and Plotnick, H.B. (1982). The Acute Oral Toxicity of Isomeric Monobutylamines in the Adult Male and Female Rat. Short Communication. *Toxicol. Appl. Pharmacol.* 63,150.
11. Cheever, K.L., Plotnick, H.B., Richards, D.E. and Weigel, W.W. (1984). Metabolism and Excretion of 2-Ethoxyethanol in the Adult Male Rat. *Environ. Health Perspect.* 57, 241.
12. Cheever, K.L., Weigel, W.W., Richards, D.E., Lal, J.B. and Plotnick, H.B. (1989). Testicular Effects of bis(2-methoxyethyl) ether in the Adult Male Rat. *Toxicol. Ind. Health* 5, 1099.

Continuing Education Seminar and Workshop Attendance

Cannabinoid Quantitation in Plants and Beyond: Liquids, Oils, Vape Cartridges, and Edibles, Barry K. Logan, Ph.D., ABFT, NMS Labs, Willow Grove, PA, October 14, 2020.

Seminars presented at the Annual Meeting of the Midwest Association for Toxicology and Therapeutic Monitoring, April, 2019:

Curriculum vitae, Harry B. Plotnick, Ph.D., J.D., December, 2020

Recent Developments in the Opioid Crisis in the State of Ohio

The Detection of Noroxycodone in Hair

Umbilical Cord Tissue vs. Meconium – The Ins and Outs of Newborn Testing for Drugs and Illicit Substances

Validation and Workflow Analysis of a LC/MS/MS Method for the Analysis of Stimulants

Unusual Forensic Toxicology Cases and the Impact on Minnesota State Law

Urine Drug Testing – Interpretation in a Clinical Context

Fentanyl Analogs in Butler County, Ohio

Seminars presented at the Annual Meeting of the Midwest Association for Toxicology and Therapeutic Drug Monitoring, April, 2018:

U-47700 Identification and Scheduling in the State of Ohio

Rapid Toxicological Screening Using Paper Spray Mass Spectrometry

Heroin: Awakening a Sleeping Giant

A New Use for an Old Drug: Gabapentin and Sexual Assault

Discussion of Long Term Alcohol Biomarker Results: Review of the Most Recent Literature and Case Reports

MDMA Use: Effects on Driving and Cognition

Cannabis in DUID Investigations, January, 2018

When Medical Conditions Muddle Forensic Casework, December, 2017

Assessment and Comparison of Vitreous Humor as an Alternative Matrix for Forensic Toxicology Screening by GC-MS, 2017

Alcohol Concentration Extrapolation, October, 2016

Postmortem Interpretation of Toxic Pharmacodynamic Drug Interactions, October, 2016

The Role of Benzodiazepines in Driving Under the Influence of Drugs, October, 2015

Expert Testimony: How to be Comfortable in an Uncomfortable Situation – The Basics, October, 2015

Curriculum vitae, Harry B. Plotnick, Ph.D., J.D., December, 2020

The Drug Recognition Expert (DRE) Program with Demonstration DRE Evaluation and Mock Court, October, 2014

Implementing the DUID Laboratory Recommendations, October, 2014

Pharmacology and Toxicology of Synthetic Cannabinoids, October, 2013

Ethanol Facilitated Sexual Assault, October, 2013

Postmortem Redistribution of Drugs, April, 2013

How to Be a Good Expert Witness (RTI International and National Institute of Justice), September, 2012

Drug Facts – A DFSA [Drug Facilitated Sexual Assault] Perspective, October, 2011

Marijuana Pharmacology, October, 2010

Drug Recognition Expert Program – Principles and Practice, October, 2010

Blood Alcohol Content by Headspace/Gas Chromatography, September, 2010

Bridging the Gap in Postmortem Laboratory Practices and Case Interpretations – October, 2009

Crawford Motions – The Right of Confrontation & How Recent Rulings May Affect Forensic Laboratory Management and Expert Testimony – October, 2009

Applications of LC-MS In Human and Veterinary Toxicology – October, 2008

Effects of Drugs on Human Performance and Behavior – A Borkestein Sampler – October, 2008

Opioids and Pain Management – July, 2008

Expert Testimony for the Prosecutor and Scientist – July, 2008

Toxicology Jeopardy – A Practical Approach to DUID Testing, October, 2007

Toxicological Analysis of Drug-Facilitated Crimes for Dummies...and Smarties, too, October, 2007

Postmortem pharmacokinetics – The good, the bad, & the ugly, October, 2006

Method Validation & Measurement Uncertainty for dummies...and smarties too, October, 2006

The application of hair as an alternative matrix for forensic applications, October, 2006

Curriculum vitae, Harry B. Plotnick, Ph.D., J.D., December, 2020

Blood alcohol concentration extrapolation, October, 2005

Postmortem toxicology interpretation, October, 2005

Professional Memberships

Society of Forensic Toxicologists, Inc.

Midwest Association For Toxicology and Therapeutic Drug Monitoring