

TOXICOLOGY AND APPLIED PHARMACOLOGY

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The case for urine toxicology testing in clinical trials

Urine drug testing (UDT) has conventionally been applied to the clinical domain of pain management. In such cases, adherence to narcotic analgesic administration has become a staple of drug monitoring, patient compliance and provides objective ancillary support which synergizes with the history and physical and ideally serves to empower the physician patient relationship. In concert, the opioid epidemic has changed the landscape of clinical treatment approaches. Side effects of pharmaceuticals affect drug launch, recalls and post market economics. To this end, laboratory toxicology and drug testing can identify unreported narcotic analgesics that may contribute to the safety and efficacy of clinical trial logic and results.

Biography

Martin H Bluth has completed his MD and PhD (Immunology) degrees at SUNY Downstate Medical Center, Residency in Clinical Pathology at Kings County Hospital, his fellowship training in Transfusion Medicine at the New York Blood Center and Post-doctoral fellowship in tumor markers at the Veteran's Affairs Medical Center in NY. He maintains board certification in his disciplines. He currently serves as Chief Medical Officer for Consolidated Laboratory Management Systems, holds an appointment as Professor of Pathology at Wayne State University School of Medicine, Medical Director of Pathology Laboratories for Michigan Surgical Hospital and National Medical Director for Kids Kicking Cancer. He also serves as Associate Editor for *Henry's Clinical Diagnosis and Management by Laboratory Methods*, the premier textbook on Clinical Pathology and Laboratory Medicine, serves as Editor in Chief for three peer reviewed medical journals (Dove Press), and reviews for over a dozen other journals in various disciplines. He is a serial entrepreneur in maturing novel biomarkers as well as devices and therapeutics (www.bluthbio.com), serves on numerous committees including the Michigan State Medical Society Committee on Health Care Quality, Efficiency and Economics, is considered an expert in his field, has authored over 200 publications, and is sought after for speaking engagements worldwide.

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