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### **Bereiche**

Rechtsmedizin

### **Position**

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## Publikationen (36)

Kissling S, Blum S, Beyer J, Moosmann B, Hausmann R (2020). Verzögerter Todeseintritt nach Einnahme von Natrium-Pentobarbital. Präsentiert bei: DGRM Jahrestagung, Luzern

Grohmann J, Osterwalder J, Beyer J. Viel Rauch um nichts? – Bei Inhalationstrauma ist meist nicht nur die Kohlenmonoxid-Intoxikation relevant. SWISS MEDICAL FORUM – SCHWEIZERISCHES MEDIZIN-FORUM 2016;16(11):279–281 2016; 16:279–281.

Osterwalder J, Beyer J, Diethelm M. Viel Rauch um nichts? – Bei Inhalationstrauma ist meist nicht nur die Kohlenmonoxid-Intoxikation relevant. Swiss Medical Forum 2016; 2016;16:279–281.

Giuliani N, Beyer J, Augsburg M, Varlet V. Validation of an analytical method for nitrous oxide (N<sub>2</sub>O) laughing gas by headspace gas chromatography coupled to mass spectrometry (HS-GC-MS): forensic application to a lethal intoxication. J Chromatogr B Analyt Technol Biomed Life Sci 2015; 983–984:90–3.

Clark L, Beyer J, Graudins A. An in vitro analysis of the effects of intravenous lipid emulsion on free and total local anaesthetic concentrations in human blood and plasma. Crit Care Res Pract 2014; 2014:236520.

Beyer J. Pflanzliche Missbrauchsdrogen – Herbal drugs of abuse. Pharmakon 2013; 1:8–14.

Turfus S, Beyer J, Gerostamoulos D, Drummer O. A comparison of the performance of quality controls prepared from spiked, fortified and authentic hair for ethyl glucuronide analysis. Forensic Sci Int 2013; 232:60–6.

Rodda L, Beyer J, Gerostamoulos D, Drummer O. Alcohol congener analysis and the source of alcohol: a review. Forensic Sci Med Pathol 2013; 9:194–207.

Beyer J. Herbal Psychoactive Substances. In: Encyclopedia of Forensic Sciences (Second Edition). Second Edition Elsevier, 2013. ISBN 978-0-12-382166-9. S. 275–279.

Beyer J. Metabolites of Ethanol. In: Encyclopedia of Forensic Sciences (Second Edition). Second Edition Elsevier, 2013. ISBN 978-0-12-382166-9. S. 331–335.

Saar E, Beyer J, Gerostamoulos D, Drummer O. The time-dependant post-mortem redistribution of antipsychotic drugs. Forensic Sci Int 2012; 222:223–7.

Gerostamoulos D, Beyer J, Staikos V, Tayler P, Woodford N, Drummer O. The effect of the postmortem interval on the redistribution of drugs: a comparison of mortuary admission and autopsy blood specimens. Forensic Sci Med Pathol 2012; 8:373–9.

Ammann J, McLaren J, Gerostamoulos D, Beyer J. Detection and quantification of new designer drugs in human blood: Part 1 – Synthetic cannabinoids. J Anal Toxicol 2012; 36:372–80.

Ammann D, McLaren J, Gerostamoulos D, Beyer J. Detection and quantification of new designer drugs in human blood: Part 2 – Designer cathinones. J Anal Toxicol 2012; 36:381–9.

<p>Saar E, Beyer J, Gerostamoulos D, Drummer O. The analysis of antipsychotic drugs in human matrices using LC-MS(/MS). <i>Drug Test Anal</i> 2012; 4:376-94.</p>
<p>Turfus S, Vo T, Niehaus N, Gerostamoulos D, Beyer J. An evaluation of the DRI-ETG EIA method for the determination of ethyl glucuronide concentrations in clinical and post-mortem urine. <i>Drug Test Anal</i> 2012</p>
<p>Saar E, Gerostamoulos D, Drummer O, Beyer J. Identification of 2-hydroxymethyl-olanzapine as a novel degradation product of olanzapine. <i>Forensic Sci Int</i> 2012; 220:74-9.</p>
<p>Saar E, Gerostamoulos D, Drummer O, Beyer J. The Analysis of Antipsychotic Drugs in Human Biosamples by LC-MS. In: <i>Liquid Chromatography-Mass Spectrometry in Clinical Pharmacology</i>. Berlin, Deutschland: Springer Verlag, 2011.</p>
<p>Chu M, Gerostamoulos D, Beyer J, Rodda L, Boorman M, Drummer O. The incidence of drugs of impairment in oral fluid from random roadside testing. <i>Forensic Sci Int</i> 2011; 215:28-31.</p>
<p>Saar E, Gerostamoulos D, Drummer O, Beyer J. Assessment of the stability of 30 antipsychotic drugs in stored blood specimens. <i>Forensic Sci Int</i> 2011; 215:152-8.</p>
<p>Drummer O, Kourtis I, Beyer J, Tayler P, Boorman M, Gerostamoulos D. The prevalence of drugs in injured drivers. <i>Forensic Sci Int</i> 2011; 215:14-7.</p>
<p>Beyer J, Vo T, Gerostamoulos D, Drummer O. Validated method for the determination of ethylglucuronide and ethylsulfate in human urine. <i>Anal Bioanal Chem</i> 2011; 400:189-96.</p>
<p>Gerostamoulos D, Beyer J, Wong K, Wort C, Drummer O. Carbon monoxide concentrations in the 2009 Victorian Bushfire disaster victims. <i>Forensic Sci Int</i> 2010; 205:69-72.</p>
<p>Gerostamoulos D, Beyer J. Drug screening in clinical or forensic toxicology: are there differences?. <i>J Law Med</i> 2010; 18:25-8.</p>
<p>Saar E, Gerostamoulos D, Drummer O, Beyer J. Identification and quantification of 30 antipsychotics in blood using LC-MS/MS. <i>J Mass Spectrom</i> 2010; 45:915-25.</p>
<p>Beyer J, Drummer O, Maurer H. Herbal Drugs of Abuse. In: <i>Herbal Drugs: Ethnomedicine to Modern Medicine</i>. Berlin, Deutschland: Springer Verlag, 2009.</p>
<p>Beyer J, Drummer O, Maurer H. Analysis of toxic alkaloids in body samples. <i>Forensic Sci Int</i> 2009; 185:1-9.</p>
<p>Beyer J. Poisons: Detection of Naturally Occuring Poisons. In: <i>Wiley Encyclopedia of Forensic Science..</i> John Wiley &amp; Sons, 2009.</p>
<p>Drummer O, Beyer J, Gerostamoulos D. Amphetamine. In: <i>Wiley Encyclopedia of Forensic Science..</i> John Wiley &amp; Sons, 2009.</p>
<p>Saar E, Gerostamoulos D, Drummer O, Beyer J. Comparison of extraction efficiencies and LC-MS-MS matrix effects using LLE and SPE methods for 19 antipsychotics in human blood. <i>Anal Bioanal Chem</i> 2008; 393:727-34.</p>

Beyer J, Gerostamoulos D, Drummer O, Costantino A. Comments on "The effect of the use of mouthwash on ethylglucuronide concentration in urine". *J Anal Toxicol* 2007; 31:294-5; author reply 295-6.

Beyer J, Peters F, Kraemer T, Maurer H. Detection and validated quantification of toxic alkaloids in human blood plasma--comparison of LC-APCI-MS with LC-ESI-MS/MS. *J Mass Spectrom* 2007; 42:621-33.

Beyer J, Peters F, Kraemer T, Maurer H. Detection and validated quantification of nine herbal phenalkylamines and methcathinone in human blood plasma by LC-MS/MS with electrospray ionization. *J Mass Spectrom* 2007; 42:150-60.

Beyer J, Ehlers D, Maurer H. Abuse of nutmeg (*Myristica fragrans* Houtt.): studies on the metabolism and the toxicologic detection of its ingredients elemicin, myristicin, and safrole in rat and human urine using gas chromatography/mass spectrometry. *Ther Drug Monit* 2006; 28:568-75.

Beyer J, Bierl A, Peters F, Maurer H. Screening procedure for detection of diuretics and uricosurics and/or their metabolites in human urine using gas chromatography-mass spectrometry after extractive methylation. *Ther Drug Monit* 2005; 27:509-20.

Beyer J, Peters F, Maurer H. Screening procedure for detection of stimulant laxatives and/or their metabolites in human urine using gas chromatography-mass spectrometry after enzymatic cleavage of conjugates and extractive methylation. *Ther Drug Monit* 2005; 27:151-7.

## Projekte (0)

Keine Resultate gefunden.

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