



Rättskemi, Linköping 1991 – 2014

Peer granskade originalartiklar

1. Lafolie, P, Beck O, Blennow G, Boreus L, Borg S, Elwin CE, Karlsson L, Odellius G, Hjemdahl P. Importance of creatinine analyses of urine when screening for abused drugs. *Clin Chem* 1991;37:1927-31.
2. Jakobsson SW, Rajs J, Jonsson J, Persson H. Poisoning with sodium hypochlorite solution. *Am J Forens Med Pathol* 1991;12: 320-7.
3. Druid H, Holmgren P. Fatal seizures associated with trimipramine poisoning. *Forensic Sci Int* 1991;49:75-9.
4. Schuberth J. Volatile compounds detected in blood of drunk drivers by headspace/capillary gas chromatography/Ion trap mass spectrometry. *Biomed Mass Spectrom* 1991;20:699-702.
5. Jones AW. Relationship between blood and breath-alcohol concentration for a subject absorbing alcohol at the time of testing. *J Anal Toxicol* 1991;15:44-5.
6. Jones AW. Top-ten defense challenges among drinking drivers in Sweden. *Med Sci Law* 1991;31:229-38.
7. Jones AW. Concentration-time profiles of ethanol in capillary blood after drinking beer. *J Forensic Sci Soc* 1991;31:429-39.
8. Jones AW. Limits of detection and quantitation of ethanol in specimens of whole blood analyzed by headspace gas chromatography. *J Forensic Sci* 1991;36:1277-9.
9. Jones AW. 2,3-butanediol in blood from drinking technical alcohol containing 2-butanone. *Lancet ii* 1991;1090.
10. Jones AW, Jönsson K-Å, Neri A. Peak blood-alcohol concentration and time of its occurrence after rapid drinking on an empty stomach. *J Forensic Sci* 1991;36:376-85.
11. Jones AW, Nilsson L, Gladh SÅ, Karlsson K, Beck-Friis J. 2,3-butanediol in plasma from an alcoholic was mistakenly identified as ethylene glycol by gas chromatographic analysis. *Clin Chem* 1991;37:1453-5.

12. Jones AW, Hahn RG, Stalberg HP. Update on the determination of total body water by ethanol dilution; the importance of the concentration units used. *Clin Sci* 1991;81:701-2.
13. Jones AW, Andersson R, Sakshaug J, Morland J. Possible formation of ethanol in postmortem blood specimens after antemortem treatment with mannitol. *J Anal Toxicol* 1991;15:157-8.
14. Jones AW, Neri A. Evaluation of blood-alcohol profiles after consumption of alcohol together with a large meal. *Can Soc Forensic Sci J* 1991;24:165-73.
15. Hahn RG, Jones AW, Billing B, Stalberg HP. Expired-breath ethanol measurement in chronic obstructive pulmonary disease; implications for transurethral surgery. *Acta Anaesth Scand* 1991;35:393-7.

1992

16. Jones AW. Ethanol distribution ratios between urine and capillary blood in controlled experiments and in apprehended drinking drivers. *J Forensic Sci* 1992;37:21-34.
17. Jones AW. Driving under the influence of isopropanol. *J Toxicol Clin Tox* 1992;30:153-5.
18. Jones AW. Alcohol in mother's milk. *N Engl J Med* 1992;326:766-67.
19. Jones AW. Total method level of detection and quantitation in evidential breath alcohol programs. *J Forensic Sci* 1992;37:1201-2.
20. Jones AW. Blood and breath alcohol concentrations. *Br Med J* 1992;305:955.
21. Jones AW, Hahn R, Stalberg HP. Pharmacokinetics of ethanol in plasma and whole blood; Estimation of total body water by the dilution principle. *Eur J Clin Pharmacol* 1992;42:445-8.
22. Jones AW, Beylich KM, Bjorneboe A, Ingum J, Morland J. Measuring ethanol in blood and breath for legal purposes; Variability between laboratories and between breath-test instruments. *Clin Chem* 1992;38:743-7.
23. Jones AW, Löfgren A, Eklund A, Grundin R. Two fatalities from ingestion of acetonitrile; Limited specificity of analysis by headspace gas chromatography. *J Anal Toxicol* 1992;16:104-6.
24. Jones AW, Sternebring B. Kinetics of ethanol and methanol in alcoholics during detoxication. *Alc Alcohol* 1992;27:641-7.

25. Jönsson, K-Å, Jones AW, Boström L, Andersson T. Lack of effect of omeprazole, cimetidine and ranitidine on the pharmacokinetics of ethanol in fasting male volunteers. *Eur J Clin Pharmacol* 1992;42:209-12.
26. Nilsson L, Jones AW. 2,3-butanediol: a potential interfering substance in the assay of ethylene glycol by an enzymatic method. *Clin Chim Acta* 1992;208:225-9.
27. Stalberg HP, Hahn RG, Jones AW. Ethanol monitoring of transurethral prostatic resection during inhalation anesthesia. *Anesth Analges* 1992;75:983-8.
28. Helander A, Beck O, Jones AW. Urinary 5HTOL/5HIAA as biochemical marker of postmortem ethanol synthesis. *Lancet* 1992;340:1159.
29. Hahn RG, Jones AW, Norberg Å. Abnormal blood-ethanol profile associated with stress. *Clin Chem* 1992;38:1193-4.

1993

30. Ericsson HR, Holmgren P, Jakobsson SW, Lafolie P, DeRees B. Bensodiazepinfynd i obduktionsmaterial. *Läkartidningen* 1993;90:3954-7.
31. Jones AW, Sagarduy A, Ericsson E, Arnqvist H. Concentrations of acetone in venous blood samples from drunk drivers, type-1 diabetic outpatients, and healthy blood donors. *J Anal Toxicol* 1993;17:182-5.
32. Jones AW. The impact of forensic science journals. *Forensic Sci Int* 1993;62:173-8.
33. Jones AW. Histamine-2-receptor antagonists and serum ethanol levels. *Ann Intern Med* 1993;119:952.
34. Jones AW. Disappearance rate of ethanol from blood in human subjects; Implications in forensic toxicology. *J Forensic Sci* 1993;38:104-18.
35. Jones AW. Pharmacokinetics of ethanol in saliva; Comparison with blood and breath ethanol profiles, subjective feelings of intoxication and diminished performance. *Clin Chem* 1993;39:1837-44.
36. Jones AW. Back-estimation of blood-alcohol concentration. *Br J Clin Pharmacol* 1993;35:669-70.
37. Jones AW. Breath acetaldehyde concentration. *Alcohol* 1993;10:325-6.

1994

38. Schuberth J. Post-mortem test for low-boiling arson residues of gasoline by gas chromatography-ion-trap mass spectrometry. *J Chromatogr B Biomed Appl* 1994;662:113-7.

39. Schuberth J. Joint use of retention index and mass spectrum in postmortem mortem test for volatile organics by headspace capillary gas chromatography with ion trap detection. *J Chromatog A* 1994;672:63-71.
40. Isacson G, Holmgren P, Wasserman D, Bergman U. Use of antidepressants among people committing suicide in Sweden. *Br Med J* 1994;308:506-9.
41. Jones AW. Are a blood alcohol concentration of 256 mg/dl and minimal signs of impairment reliable indications of alcohol dependence? *Med Sci Law* 1994;34:265-70.
42. Jones AW, Neri A. Age-related differences in the effects of ethanol on performance and behaviour in healthy men. *Alc Alcohol* 1994;29:171-9.
43. Jones AW, Andersson L, Kopp I. Enforcement of drunk driving laws in Sweden with blood and breath alcohol concentrations as evidence for prosecution. *Kriminalistik und forensische Wissenschaften* 1994;82:11-26.
44. Jones AW. Concentration of endogenous ethanol in blood and CSF. *Acta Neurol Scand* 1994;89:149-50.
45. Jones AW. Salting-out effect of sodium fluoride and its influence on the analysis of ethanol by headspace gas chromatography. *J Anal Toxicol* 1994;18:292-3.
46. Jones AW, Jönsson K-Å. Between-subject and within-subject variations in the pharmacokinetics of ethanol. *Br J Clin Pharmacol* 1994;37:427-31.
47. Jones AW, Jönsson K-Å. Food-induced lowering of blood-ethanol profiles and increased rate of elimination immediately after a meal. *J Forensic Sci* 1994;39:1084-93.
48. Hahn R, Norberg Å, Gabrielsson, J, Danielsson, A, and Jones AW. Eating a meal increases the rate of ethanol clearance after intravenous infusion. *Alc & Alcohol* 1994;29:673-7.
49. Gullberg RG, Jones AW. Guidelines for estimating the amount of alcohol consumed from a single measurement of blood-alcohol concentration: Re-evaluation of Widmark's equation. *Forensic Sci Int* 1994;69:119-30.

1995

50. Hahn R, Norberg Å, Jones AW. Rate of distribution of ethanol into the total body water. *Am J Therap* 1995;2:50-6.
51. Helander A, Beck O, Jones AW. Distinguishing ingested ethanol from microbial formation by analysis of urinary 5-hydroxytryptophol and 5-hydroxyindoleacetic acid. *J Forensic Sci* 1995;40:95-8.

52. Jones AW. Severe isopropanolemia without acetonemia: contamination of specimens during venipuncture? *Clin Chem* 1995;41:123.
53. Jones AW. Measuring and reporting the concentration of acetaldehyde in human breath. *Alc Alcohol* 1995;30:271-85.
54. Andréasson R, Jones AW, Erik MP, Widmark (1889-1945) Swedish Pioneer in Forensic Alcohol Toxicology. *Forensic Sci Int* 1995;72:1-14.
55. Jones AW, Andersson L. Biotransformation of acetone to isopropanol observed in a motorist involved in a sobriety control. *J Forensic Sci* 1995;40:686-7.
56. Jones AW. Measuring ethanol in saliva with the QED® enzymatic test device: Comparison of results with blood and breath alcohol concentrations. *J Anal Toxicol* 1995;19:169-74.
57. Jones AW. Evaluating the work of forensic scientists by citation analysis (editorial). *J Forensic Sci* 1995;40:529-30.
58. Norberg Å, Jones AW, Hahn RG. Pharmacokinetics of ethanol in arterial and venous blood and in end-expired breath during vasoconstriction and vasodilatation. *Am J Therap* 1995;2:954-61.
59. Jones AW, Lagerström W, Tagesson C. Determination of isoprene in human breath by thermal desorption gas chromatography with ultraviolet detection. *J Chromatogr Biomed Appl* 1995;672:1-6.
60. Jones AW, Falkensson, M, Nilsson, L. Reliability of blood-alcohol determinations at clinical chemistry laboratories in Sweden. *Scand J Clin Lab Invest* 1995;55:463-8.
61. Jones AW, Lagerström W, Tagesson C. Origins of breath-isoprene. *J Clin Pathol* 1995;48:979.

1996

62. Schuberth J. A full evaporation headspace technique with capillary GC and ITD: a means for quantitating volatile organic compounds in biological samples. *J Chromatogr Sci* 1996;34:314-9.
63. Kronstrand R, Hatanpää M, Jonsson JA. Determination of ohenmetrazine in urine by gas chromatography-mass spectrometry. *J Anal Toxicol* 1996;20:277-80.
64. Jonsson JA, Kronstrand R, Hatanpää M. A convenient derivatization method for the determination of amphetamine and related drugs in urine. *J Forensic Sci* 1996;41:148-51.

65. Kronstrand R. Identification of N-methyl-1-(3,4-methylenedioxyphenyl)-2-butanamine (MBDB) in urine from drug users. *J Anal Toxicol* 1996;20:512-6.
66. Druid H, Holmgren P, Löwenhielm P. Computer-assisted systems for forensic pathology and forensic toxicology. *J Forensic Sci* 1996;41:830-6.
67. Steffenrud S. Mass spectrometry of anabolic steroids as their tertbutyldimethylsilyl ether derivatives. *Rapid Comm Mass Spect* 1996;10:1698-1702.
68. Schuberth J. Volatile organic compounds determined in pharmaceutical products by full evaporation technique and capillary gas chromatography-ion-trap detection. *Anal Chem* 1996;68:1317-20.
69. Steentoft A, Teige B, Holmgren P, Vuori E, Kristinson J, Kaa E et al. Drug addict deaths in the Nordic countries: a study based on medicolegally examined cases in the five Nordic countries in 1991. *Forensic Sci Int.* 1996;77:109-118.
70. Steentoft A, Teige B, Holmgren P, Vuori E, Kristinson J, Kaa E et al. Fatal poisonings in the young drug addicts in the Nordic countries: a comparison between 1984-1985 and 1991. *Forensic Sci Int.* 1996;78:29-37.
71. Druid H, Holmgren P. Dödsfall genom akut fluoxetinförgiftning. *Läkartidningen* 1996;93:4149-50.
72. Jones AW. Some thoughts and reflections on authorship. *Alc Alcohol* 1996;31:11-5.
73. Jones AW, Helander A. Disclosing recent drinking after alcohol has been cleared from the body. *J Anal Toxicol* 1996;20:141-2.
74. Andréasson R, Jones AW. Historical anecdote related to chemical tests for intoxication. *J Anal Toxicol* 1996;20:207-8.
75. Andréasson R, Jones AW. The life and work of Erik M.P. Widmark. *Am J Forensic Med Pathol* 1996;17:177-90.
76. Jones AW, Ulwan, O. Low-alcohol drinks and risk of high blood-alcohol in children. *J Tox Clin Tox* 1996;34:349-50.
77. Jones AW. Measuring alcohol in blood and breath for forensic purposes. A historical review. *Forensic Sci Rev* 1996;8:13-44.
78. Helander A, Beck O, Jones AW. Laboratory testing for recent drinking: Comparison of ethanol, methanol and 5-hydroxytryptophol. *Clin Chem* 1996;42:618-24.

79. Jones AW, Andersson L. Influence of age, gender, and blood-alcohol concentration on the disappearance rate of alcohol from blood in drinking drivers. *J Forensic Sci* 1996;41:922-6.
80. Jones AW, Andersson L. Variability of the blood/breath alcohol ratio in drinking drivers. *J Forensic Sci* 1996;41:916-21.
81. Jones AW, Andersson L, Berglund K. Interfering substances identified in the breath of drinking drivers with Intoxilyzer 5000S. *J Anal Toxicol* 1996;20:522-7.
82. Beck O, Helander A, Jones AW. Serotonin metabolism marks alcohol intake. *Forensic Urine Drug Testing*, Sept. 1996, 3 pp

1997

83. Schuberth J. Gas residues of engine starting fluid in postmortem sample from an arsonist. *J Forensic Sci* 1997;42:144-7.
84. Kronstrand R, Druid H, Holmgren P, Rajs J. A cluster of fentanyl-related deaths among drug addicts in Sweden. *Forensic Sci Int* 1997;88:185-93.
85. Druid H, Holmgren P. A compilation of fatal and control concentrations of drugs in post-mortem femoral blood. *J Forensic Sci* 1997;42:79-87.
86. Johansson K, Bryding G, Dahl ML, Holmgren P, Viitanen M. Traffic dangerous drugs are often found in fatally injured older male drivers. *J Am Geriatr Soc* 1997;45:1029-31.
87. Isacson G, Holmgren P, Druid H, Bergman U. The utilization of antidepressants--a key issue in the prevention of suicide: an analysis of 5281 suicides in Sweden during the period 1992-1994. *Acta Psychiatr Scand* 1997;96:94-100.
88. Gullberg RG, Andersson L, Jones AW. Comparison of evidential breath alcohol testing and drinking driving demographics in Sweden and the State of Washington. *J Traffic Med* 1997;25:77-87.
89. Jones AW, Hahn RG, Norberg Å. Concentration-time profiles of ethanol in arterial and venous blood and end-expired breath during and after intravenous infusion. *J Forensic Sci* 1997;42:1088-94.
90. Jones AW. Driving under the influence of acetone. *J Tox Clin Tox* 1997;35:419-21.
91. Hahn, RG, Norberg Å, Jones AW. "Over-shoot" of ethanol in the blood after drinking on an empty stomach. *Alc Alcohol* 1997;32:501-5.
92. Jones AW, Zdolsek, H.J., Sjöberg, F. and Lisander, B. Accelerated metabolism of ethanol in patients with burn-injury. *Alc Alcohol* 1997;32:628-30.

93. Kechagias, S, Jönsson, KÅ, Jones AW. Low-dose aspirin decreases blood alcohol concentrations by delaying gastric emptying. *Eur J Clin Pharm* 1997;53:241-6.
94. Jones AW. Forensic pitfalls in investigating the death of Diana Princess of Wales. *DWI Journal, Law & Science*, 1997;9-12.
95. Jones AW, Jönsson, KÅ, Kechagias, S. Effect of high-fat, high-protein, and high-carbohydrate meals on the pharmacokinetics of a small dose of alcohol. *Br J Clin Pharmacol* 1997;44:521-6.
96. Jones AW, Hahn RG. Pharmacokinetics of ethanol in patients with renal failure before and after hemodialysis. *Forensic Sci Int* 1997;90:175-83.
97. Jones AW, Rajs J. Appreciable blood-ethanol concentration after washing abraded and lacerated skin with surgical spirits. *J Anal Toxicol* 1997;21:587-8.

1998

98. Kronstrand R, Grundin R, Jonsson J. Incidence of opiates, amphetamines, and cocaine in hair and blood in fatal cases of heroin overdose. *Forensic Sci Int* 1998;92:29-38.
99. Tomson T, Sköld A-C, Holmgren P, Nilsson L, Danielsson B. Postmortem changes in blood concentrations of phenytoin and carbamazepin: An experimental study. *Ther Drug Monit* 1998;20:309-12.
100. Jonasson U, Jonasson B, Holmgren P, Saldeen T. The prevalence of dextropropoxyphene in autopsy blood samples. *Forensic Sci Int* 1998;96:135-42.
101. Druid H, Holmgren P. Fatal injections of heroin. Interpretation of toxicological findings in multiple specimens. *Int J Legal Med* 1998;112:62-6.
102. Druid H, Holmgren P. Compilations of therapeutic, toxic, and fatal concentrations of drugs. *Clin Toxicol* 1998;36:133-4.
103. Jones AW. Lack of association between urinary creatinine and ethanol concentrations and urine/blood ratios of ethanol in two successive voids from drinking drivers. *J Anal Toxicol* 1998;22:184-90.
104. Jones AW. Citation trends and practices in the *Journal of Forensic Sciences* as documented by ISI's *Journal Citation Report*. *J Forensic Sci* 1998;43:439-44.

105. Jones AW, Helander A. Changes in the concentrations of ethanol, methanol, and the metabolites of serotonin in two successive urinary voids from drinking drivers. *Forensic Sci Int* 1998;93:127-34.
106. Bendtsen P, Jones AW, Helander A. Urinary excretion of methanol and 5-hydroxytryptophol as biochemical markers of recent drinking during the hangover state. *Alc Alcohol* 1998;33:431-8.
107. Jones AW. Historical developments and present status of forensic toxicology in Sweden. *Nordisk Rettsmedisin* 1998;4:35-44.
108. Jones AW, Jönsson K-Å. Sprit som desinfektionsmedel gav noll promille i blod. *Läkartidningen* 1998;95:4052.

1999

109. Bendtsen P, Hultberg J, Carlsson M, Jones AW. Monitoring ethanol exposure in a clinical setting by analysis of blood, breath, saliva, and urine. *Alcohol Clin Exp Res* 1999;23:1446-51.
110. Bendtsen P, Jones AW. Impact of water-induced diuresis on excretion profiles of ethanol, urinary creatinine, and urinary osmolality. *J Anal Toxicol* 1999;23:565-9.
111. Christophersen AS, Ceder G, Kristinsson J, Lillsunde P, Steentoft A. Drugged drivers in the Nordic countries – a comparative study between five countries. *Forensic Sci Int* 1999;106:173-90.
112. Druid H, Holmgren P, Carlsson B, Ahlner J. Cytochrome P450 2D6 (CYP2D6) genotyping on postmortem blood as a supplementary tool for interpretation of forensic toxicological results. *Forensic Sci Int* 1999;99:25-34.
113. Hylén L, Jones AW. Likörpraliner ger utslag vid polisens alkotest. *Läkartidningen* 1999;96:997-8.
114. Isacson G, Holmgren P, Druid H, Bergman U. Psychotropics and suicide prevention. Implications from toxicological screening of 5281 suicides in Sweden 1992-1994. *Br J Psychiatry* 1999;174:259-65.
115. Jonasson B, Jonasson U, Holmgren P, Saldeen T. Fatal poisonings where ethylmorphine from antitussive medications contributed to death. *Int J Legal Med* 1999;112:299-302.
116. Jones AW. Postmortem alcohol analysis – Literature survey. *Nordisk Rettsmed* 1999;5:31-6.
117. Jones AW, Helander A. Time course and reproducibility of urinary excretion profiles of ethanol, methanol, and the ratio of serotonin metabolites after intravenous infusion of ethanol. *Alcohol Clin Exp Res* 1999;23:1921-6.

118. Jones AW, Hylén L, Svensson E, Helander A. Storage of specimens at 4 degrees C or addition of sodium fluoride (1%) prevents formation of ethanol in urine inoculated with *Candida albicans*. *J Anal Toxicol* 1999;23:333-6.
119. Jones AW. The drunkenest drinking driver in Sweden: blood alcohol concentration 0.545% w/v. *J Stud Alcohol* 1999;60:400-6.
120. Jones AW. The impact of Alcohol and Alcoholism among substance abuse journals. *Alc Alcohol* 1999;34:25-34.
121. Kechagias S, Jönsson KA, Franzén T, Andersson L, Jones AW. Reliability of breath-alcohol analysis in individuals with gastroesophageal reflux disease. *J Forensic Sci* 1999;44:814-8.
122. Kechagias S, Jönsson KA, Jones AW. Breath tests for alcohol in gastroesophageal reflux disease. *Ann Intern Med* 1999;130:328-9.
123. Kechagias S, Jönsson KA, Jones AW. Impact of gastric emptying on the pharmacokinetics of ethanol as influenced by cisapride. *Br J Clin Pharmacol* 1999;48:728-32.
124. Kronstrand R, Förstberg-Peterson S, Kågedal B, Ahlner J, Larson G. Codeine concentration in hair after oral administration is dependent on melanin content. *Clin Chem* 1999;45:1485-94.
125. Lindberg M, Ahlner J, Möller M, Ekström T. Asthma nurse practice – a resource-effective approach in asthma management. *Respir Med* 1999;93:584-8.
126. Negrusz A, Moore C, Deitermann D, Lewis D, Kaleciak K, Kronstrand R, Feeley B, Niedbala RS. Highly sensitive micro-plate enzyme immunoassay screening and NCI-GC-MS confirmation of flunitrazepam and its major metabolite 7-aminoflunitrazepam in hair. *J Anal Toxicol* 1999;23:429-35.
127. Nielsen NE, Ahlner J, Malmstedt J, Ohman KP, Swahn E. Plasma levels of cyclic GMP and endothelin in postmenopausal women with unstable coronary artery disease. *Scand J Clin Lab Invest* 1999;59:325-34.
128. Schmekel B, Rydberg I, Norlander B, Sjöswärd KN, Ahlner J, Andersson RG. Stereoselective pharmacokinetics of S-salbutamol after administration of the racemate in healthy volunteers. *Eur Respir J* 1999;13:1230-5.
129. Wikell C, Apelqvist G, Carlsson B, Hjorth S, Bergqvist PB, Kugelberg FC, Ahlner J, Bengtsson F. Pharmacokinetic and pharmacodynamic responses to chronic administration of the selective serotonin reuptake inhibitor citalopram in rats. *Clin Neuropharmacol* 1999;22:327-36.

130. Zdolsek HJ, Sjöberg F, Lisander B, Jones AW. The effect of hypermetabolism induced by burn trauma on the ethanol-oxidizing capacity of the liver. *Crit Care Med* 1999;27:2622-5.

2000

131. Apelqvist G, Wikell C, Carlsson B, Hjorth S, Bergqvist PB, Ahlner J, Bengtsson F. Dynamic and kinetic effects of chronic citalopram treatment in experimental hepatic encephalopathy. *Clin Neuropharmacol* 2000;23:304-17.
132. Jones AW, Eklund A. Missvisande etanolkoncentration i urin från våldtäktsoffer med diabetes. *Läkartidningen* 2000;97:1873.
133. Jones AW. Medicolegal alcohol determinations – Blood- or breath-alcohol concentration? *Forensic Sci Rev* 2000;12:23-47.
134. Jones AW. Ethanol metabolism in patients with liver cirrhosis. *J Clin Forensic Med* 2000;7:48-5.
135. Jones AW, Eklund A, Helander A. Misleading results of ethanol analysis in urine specimens from rape victims suffering from diabetes. *J Clin Forensic Med* 2000;7:144-6.
136. Jones AW. Aspects of in-vivo pharmacokinetics of ethanol. *Alcohol Clin Exp Res* 2000;24:400-2.
137. Jones AW. Elimination half-life of acetone in humans: case reports and review of the literature. *J Anal Toxicol* 2000;24:8-10.
138. Kjellgren KI, Svensson S, Ahlner J, Säljö R. Antihypertensive treatment and patient autonomy – the follow-up appointment as a resource for care. *Patient Educ Couns* 2000;40:39-49.
139. Lindberg M, Ahlner J, Ekström T, Möller M. Patient questionnaires in primary health care. Validation of items used in asthma care. *Int J Qual Health Care* 2000;12:19-24.
140. Logan BK, Jones AW. Endogenous ethanol 'auto-brewery syndrome' as a drunk-driving defence challenge. *Med Sci Law* 2000;40:206-15.
141. Norberg A, Gabrielsson J, Jones AW, Hahn RG. Within- and between-subject variations in pharmacokinetic parameters of ethanol by analysis of breath, venous blood and urine. *Br J Clin Pharmacol* 49:399-408, 2000.
142. Svensson S, Kjellgren KI, Ahlner J, Säljö R. Reasons for adherence with antihypertensive medication. *Int J Cardiol* 2000;76:157-63.

2001

143. Carlsson B, Olsson G, Reis M, Walinder J, Nordin C, Lundmark J, Scordo MG, Dahl ML, Bengtsson F, Ahlner J. Enantioselective analysis of citalopram and metabolites in adolescents. *Ther Drug Monit* 2001;23:658-64.
144. Ceder G, Jones AW. Concentration ratios of morphine to codeine in blood of impaired drivers as evidence of heroin use and not medication with codeine. *Clin Chem* 2001;47:1980-4.
145. Druid H, Holmgren P, Ahlner J. Flunitrazepam: an evaluation of use, abuse and toxicity. *Forensic Sci Int* 2001;122:136-41.
146. Edston E, Druid H, Holmgren P, Öström M. Postmortem measurements of thyroid hormones in blood and vitreous humor combined with histology. *Am J Forensic Med Pathol* 2001;22:78-83.
147. Eklund A. Gamma-hydroxybutyrate (GHB) Endogena koncentrationer, missbruk, trafikolyckor och dödsfall. *Nordisk Rettsmedisin* 2001;7:33-35.
148. Jones AW, Holmgren P. Uncertainty in estimating blood ethanol concentrations by analysis of vitreous humour. *J Clin Pathol* 2001;54:699-702.
149. Jones AW. Heroin use by motorists in Sweden confirmed by analysis of 6-acetylmorphine in urine. *J Anal Toxicol* 2001;25:353-5.
150. Jones AW, Andersson L, Berglund K, Bergman C. Snus ger ingen inverkan på alkoholutandningsprov. *Läkartidningen* 2001;98:3034.
151. Kechagias S, Jönsson KA, Borch K, Jones AW. Influence of age, sex, and *Helicobacter pylori* infection before and after eradication on gastric alcohol dehydrogenase activity. *Alcohol Clin Exp Res* 2001;25:508-12.
152. Kronstrand R, Andersson MC, Ahlner J, Larson G. Incorporation of selegiline metabolites into hair after oral selegiline intake. *J Anal Toxicol* 2001;25:594-601.
153. Kronstrand R, Jones AW. Concentration ratios of codeine-to-morphine in plasma after a single oral dose (100 mg) of codeine phosphate. *J Anal Toxicol* 2001;25:486-7.
154. Kugelberg FC, Apelqvist G, Carlsson B, Ahlner J, Bengtsson F. In vivo steady-state pharmacokinetic outcome following clinical and toxic doses of racemic citalopram to rats. *Br J Pharmacol* 2001;132:1683-90.
155. Norberg A, Sandhagen B, Bratteby LE, Gabrielsson J, Jones AW, Fan H, Hahn RG. Do ethanol and deuterium oxide distribute into the same water space in healthy volunteers? *Alcohol Clin Exp Res* 2001;25:1423-30.

156. Lindberg M, Ekström T, Möller M, Ahlner J. Asthma care and factors affecting medication compliance: the patient's point of view. *Int J Qual Health Care* 2001;13:375-83.
157. Persson SÅ, Eriksson A, Hallgren N, Eklund A, Berkowicz A, Druid H. GHB-farlig, beroendeframkallande och svårkontrollerad – partydrog. *Läkartidningen* 2001;98; 2026-31.
158. Schmekel B, Ahlner J, Malmström M, Venge P. Eosinophil cationic protein (ECP) in saliva: a new marker of disease activity in bronchial asthma. *Respir Med* 2001;95:670-5.
159. Steentoft A, Teige B, Ceder G, Vuori E, Kristinsson J, Simonsen KW, Holmgren P, Wethe G, Kaa E. Fatal poisoning in drug addicts in the Nordic countries. *Forensic Sci Int* 2001;123:63-9.
160. Testorf MF, Kronstrand R, Svensson SP, Lundström I, Ahlner J. Characterization of [3H]flunitrazepam binding to melanin. *Anal Biochem* 2001;298:259-64
161. Wikell C, Kugelberg FC, Hjorth S, Apelqvist G, Bengtsson F. Effect of halving the dose of venlafaxine to adjust for putative pharmacokinetic and pharmacodynamic changes in an animal model of chronic hepatic encephalopathy. *Clin Neuropharmacol* 2001;24:324-33.
162. Wikström M, Holmgren P, Ahlner J. A2 (N-bensylpiperazin) en ny missbruksdrog i Sverige – Hur den först identifierades i ett obduktionsfall. *Nordisk Rettsmedisin* 2001;7:41-42.
163. Zdolsek HJ, Lisander B, Jones AW, Sjöberg F. Albumin supplementation during the first week after a burn does not mobilise tissue oedema in humans. *Intensive Care Med* 2001;27:844-52.

2002

164. Ceder G, Jones AW. Concentrations of unconjugated morphine, codeine and 6-acetylmorphine in urine specimens from suspected drugged drivers. *J Forensic Sci* 2002;47:366-8.
165. Iffland R, Jones AW. Evaluating alleged drinking after driving – the hipflask defence. Part 1. Double blood samples and urine-to-blood alcohol relationship. *Med Sci Law* 2002;42:207-24.
166. Helander A, Jones AW. 5-HTOL – ny biokemisk alkoholmarkör med rättsmedicinska tillämpningar. *Läkartidningen* 2002;99:3950-4.
167. Jones AW. Reference limits for urine/blood ratios of ethanol in two successive voids from drinking drivers. *J Anal Toxicol* 2002;26:333-9.

168. Jones AW. JAT's impact factor – room for improvement? *J Anal Toxicol* 2002;26:2-5.
169. Josefsson M, Ahlner J. Amlodipine and grapefruit juice. *Br J Clin Pharmacol* 2002;53:405.
170. Klockhoff H, Näslund I, Jones AW. Faster absorption of ethanol and higher peak concentration in women after gastric bypass surgery. *Br J Clin Pharmacol* 2002;54:587-91.
171. Kronstrand R, Nyström I, Josefsson M, Hodgins S. Segmental ion spray LC-MS-MS analysis of benzodiazepines in hair of psychiatric patients. *J Anal Toxicol* 2002;26:479-84.
172. Kugelberg FC, Apelqvist G, Bengtsson F. Effects of chronic citalopram treatment on central and peripheral spontaneous open-field behaviours in rats. *Pharmacol Toxicol* 2002;90:303-10.
173. Lindberg M, Ahlner J, Ekström T, Jonsson D, Möller M. Asthma nurse practice improves outcomes and reduces costs in primary health care. *Scand J Caring Sci* 2002;16:73-8.
174. Malmström M, Ahlner J, Carlsson C, Schmekel B. No effect of Chinese acupuncture on isocapnic hyperventilation with cold air in asthmatics, measured with impulse oscillometry. *Acupunct Med.* 2002;20:66-73.
175. Reis M, Olsson G, Carlsson B, Lundmark J, Dahl ML, Wålinder J, Ahlner J, Bengtsson F. Serum levels of citalopram and its main metabolites in adolescent patients treated in a naturalistic clinical setting. *J Clin Psychopharmacol* 2002;22:406-13.
176. Wikell C, Eap CB, Josefsson M, Apelqvist G, Ahlner J, Baumann P, Bengtsson F. Disposition of venlafaxine enantiomers in rats with hepatic encephalopathy after chronic drug treatment. *Chirality* 2002;14:347-50.

2003

177. Bergström J, Helander A, Jones AW. Ethyl glucuronide concentrations in two successive urinary voids from drinking drivers: relationship to creatinine content and blood and urine ethanol concentrations. *Forensic Sci Int* 2003;133:86-94.
178. Fugelstad A, Ahlner J, Brandt L, Ceder G, Eksborg S, Rajs J, Beck O. Use of morphine and 6-monoacetylmorphine in blood for the evaluation of possible risk factors for sudden death in 192 heroin users. *Addiction* 2003;98:463-70.
179. Gréen H, Lotfi K, Zackrisson AL, Peterson C. Spontaneous reversal of pglycoprotein expression in multidrug resistant cell lines. *Pharmacol Toxicol* 2003;93:297-304.

180. Holmgren P, Jones AW. Coexistence and concentrations of ethanol and diazepam in postmortem blood specimens: risk for enhanced toxicity? *J Forensic Sci* 2003;48:1416-21.
181. Iffland R, Jones AW. Evaluating alleged drinking after driving – the hipflask defence. Part 2. Congener analysis. *Med Sci Law* 2003;43:39-68.
182. Jones AW, Liu RH, Lucas DM. Obituary; Professor R. F. Borkenstein (1912-2002). *Accid Anal Prev* 2003;35:1-2.
183. Jones AW, Holmgren P. Urine/blood ratios of ethanol in deaths attributed to acute alcohol poisoning and chronic alcoholism. *Forensic Sci Int* 2003;135:206-12.
184. Jones AW, Fransson M. Blood analysis by headspace gas chromatography: does a deficient sample volume distort ethanol concentration? *Med Sci Law* 2003;43:241-7.
185. Jones AW, Holmgren P. Comparison of blood-ethanol concentration in deaths attributed to acute alcohol poisoning and chronic alcoholism. *J Forensic Sci* 2003;48:874-9.
186. Jones AW. Impact factors of forensic science and toxicology journals: what do the numbers really mean? *Forensic Sci Int* 2003;133:1-8.
187. Jones AW. Time-adjusted urine/blood ratios of ethanol in drinking drivers. *J Anal Toxicol* 2003;27:167-8.
188. Jones AW, Andersson L. Comparison of ethanol concentrations in venous blood and end-expired breath during a controlled drinking study. *Forensic Sci Int* 2003;132:18-25.
189. Josefsson M, Kronstrand R, Andersson J, Roman M. Evaluation of electrospray ionisation liquid chromatography-tandem mass spectrometry for rational determination of a number of neuroleptics and their major metabolites in human body fluids and tissues. *J Chromatogr B Analyt Technol Biomed Life Sci* 2003;789:151-67.
190. Kronstrand R, Ahlner J, Dizdar N, Larson G. Quantitative analysis of desmethylselegiline, methamphetamine, and amphetamine in hair and plasma from Parkinson patients on long-term selegiline medication. *J Anal Toxicol* 2003;27:135-41.
191. Kronstrand R, Seldén TG, Josefsson M. Analysis of buprenorphine, norbuprenorphine, and their glucuronides in urine by liquid chromatography-mass spectrometry. *J Anal Toxicol* 2003;27:464-70.

192. Kugelberg FC, Carlsson B, Ahlner J, Bengtsson F. Stereoselective single-dose kinetics of citalopram and its metabolites in rats. *Chirality* 2003;15:622-9.
193. Kugelberg FC, Holmgren P, Druid H. Codeine and morphine blood concentrations increase during blood loss. *J Forensic Sci* 2003;48:664-7.
194. Logan BK, Jones AW. Endogenous ethanol production in a child with short gut syndrome. *J Pediatr Gastroenterol Nutr* 2003;36:419-20.
195. Naidu Sjöswärd K, Josefsson M, Ahlner J, Andersson RG, Schmekel B. Metabolism of salbutamol differs between asthmatic patients and healthy volunteers. *Pharmacol Toxicol* 2003;92:27-32.
196. Norberg A, Jones AW, Hahn RG, Gabrielsson JL. Role of variability in explaining ethanol pharmacokinetics: research and forensic applications. *Clin Pharmacokinet* 2003;42:1-31.
197. Sjöswärd KN, Josefsson M, Ahlner J, Schmekel B. Preserved bronchial dilatation after salbutamol does not guarantee protection against bronchial hyperresponsiveness. *Clin Physiol Funct Imaging* 2003;23:14-20.
198. Zackrisson AL, Lindblom B. Identification of CYP2D6 alleles by single nucleotide polymorphism analysis using pyrosequencing. *Eur J Clin Pharmacol* 2003;59:521-6.

2004

199. Holmgren P, Nordén-Pettersson L, Ahlner J. Caffeine fatalities – four case reports. *Forensic Sci Int* 2004;139:71-3.
200. Holmgren P, Druid H, Holmgren A, Ahlner J. Stability of drugs in stored postmortem femoral blood and vitreous humor. *J Forensic Sci* 2004;49:820-5.
201. Holmgren P, Carlsson B, Zackrisson AL, Lindblom B, Dahl ML, Scordo MG, Druid H, Ahlner J. Enantioselective analysis of citalopram and its metabolites in postmortem blood and genotyping for CYP2D6 and CYP2C19. *J Anal Toxicol* 2004;28:94-104.
202. Jones AW, Lindberg L, Olsson SG. Magnitude and time-course of arteriovenous differences in blood-alcohol concentration in healthy men. *Clin Pharmacokinet* 2004;43:1157-66.
203. Jones AW, Hård L. How good are clinical chemistry laboratories at analyzing ethylene glycol? *Scand J Clin Lab Invest* 2004;64:629-34.
204. Jones AW, Holmgren A, Holmgren P. High concentrations of diazepam and nordiazepam in blood of impaired drivers: association with age, gender and spectrum of other drugs present. *Forensic Sci Int* 2004;146:1-7.

205. Jones AW, Larsson H. Distribution of diazepam and nordiazepam between plasma and whole blood and the influence of hematocrit. *Ther Drug Monit* 2004;26:380-5.
206. Jones AW. Impact of JAT publications 1981-2003: the most prolific authors and the most highly cited articles. *J Anal Toxicol* 2004;28:541-5.
207. Jönsson A, Holmgren P, Ahlner J. Fatal intoxications in a Swedish forensic autopsy material during 1992-2002. *Forensic Sci Int* 2004;143:53-9.
208. Kronstrand R, Nyström I, Strandberg J, Druid H. Screening for drugs of abuse in hair with ion spray LC-MS-MS. *Forensic Sci Int* 2004;145:183-90.
209. Kugelberg FC, Druid H, Carlsson B, Ahlner J, Bengtsson F. Postmortem redistribution of the enantiomers of citalopram and its metabolites: an experimental study in rats. *J Anal Toxicol* 2004;28:631-7.
210. Wikström M, Holmgren P, Ahlner J. A2 (N-benzylpiperazine) a new drug of abuse in Sweden. *J Anal Toxicol* 2004;28:67-70.
211. Zackrisson AL, Holmgren P, Gladh AB, Ahlner J, Lindblom B. Fatal intoxication cases: cytochrome P450 2D6 and 2C19 genotype distributions. *Eur J Clin Pharmacol* 2004;60:547-52.

2005

212. Fransson M, Jones AW, Andersson L. Laboratory evaluation of a new evidential breath-alcohol analyser designed for mobile testing – the Evidenzer. *Med Sci Law* 2005;45:61-70.
213. Hoffmann M, Lindh-Astrand L, Ahlner J, Hammar M, Kjellgren KI. Hormone replacement therapy in the menopause. Structure and content of risk talk. *Maturitas* 2005;50:8-18.
214. Holmgren P, Holmgren A, Ahlner J. Alcohol and drugs in drivers fatally injured in traffic accidents in Sweden during the years 2000-2002. *Forensic Sci Int* 2005;151:11-7.
215. Isacson G, Holmgren P, Ahlner J. Selective serotonin reuptake inhibitor antidepressants and the risk of suicide: a controlled forensic database study of 14,857 suicides. *Acta Psychiatr Scand* 2005;111:286-90.
216. Jones AW. Driving under the influence of chlormethiazole. *Forensic Sci Int* 2005;153:213-7.
217. Jones AW, Fransson M, Maldonado-Holmertz E. Does consumption of ethanol distort measurements of exhaled nitric oxide? *Respir Med* 2005;99:196-9.

218. Jones AW. Crème de la crème in forensic science and legal medicine. The most highly cited articles, authors and journals 1981-2003. *Int J Legal Med* 2005;119:59-65.
219. Jones AW. Which articles and which topics in the forensic sciences are most highly cited? *Sci Justice* 2005;45:175-82.
220. Jones AW, Karlsson L. Relation between blood- and urine-amphetamine concentrations in impaired drivers as influenced by urinary pH and creatinine. *Hum Exp Toxicol* 2005;24:615-22.
221. Jones AW. Mode of classification of source material as citable items skews journal impact factor calculations. *Scand J Clin Lab Invest* 2005;65:623- 5.
222. Jones AW. Driving under the influence of drugs in Sweden with zero concentration limits in blood for controlled substances. *Traffic Inj Prev* 2005;6:317-22.
223. Jones AW, Holmgren A. Abnormally high concentrations of amphetamine in blood of impaired drivers. *J Forensic Sci* 2005;50:1215-20.
224. Kugelberg FC, Apelqvist G, Wikell C, Bengtsson F. Open-field behavioural alterations in liver-impaired and sham-operated rats after acute exposure to the antidepressant venlafaxine. *Basic Clin Pharmacol Toxicol* 2005;97:155-61.
225. Kugelberg FC, Kingbäck M, Carlsson B, Druid H. Early-phase postmortem redistribution of the enantiomers of citalopram and its demethylated metabolites in rats. *J Anal Toxicol* 2005;29:223-8.
226. Nyström I, Trygg T, Woxler P, Ahlner J, Kronstrand R. Quantitation of R- (-)- and S-(+)-amphetamine in hair and blood by gas chromatography-mass spectrometry: an application to compliance monitoring in adult attention deficit hyperactivity disorder treatment. *J Anal Toxicol* 2005;29:682-8.
227. Persson K, Säfholm AC, Andersson RG, Ahlner J. Glyceryl trinitrate-induced angiotensin-converting enzyme (ACE) inhibition in healthy volunteers is dependent on ACE genotype. *Can J Physiol Pharmacol* 2005;83:1117-22.
228. Reis M, Prochazka J, Sitsen A, Ahlner J, Bengtsson F. Inter- and intraindividual pharmacokinetic variations of mirtazapine and its N-demethyl metabolite in patients treated for major depressive disorder: a 6-month therapeutic drug monitoring study. *Ther Drug Monit* 2005;27:469-77.
229. Söderbäck E, Zackrisson AL, Lindblom B, Alderborn A. Determination of CYP2D6 gene copy number by pyrosequencing. *Clin Chem* 2005;51:522-31.

2006

230. Jones AW, Kugelberg FC. Alcohol concentrations in post-mortem body fluids. *Hum Exp Toxicol* 2006;25:623-4.
231. Hoffmann M, Hammar M, Kjellgren KI, Lindh-Astrand L, Ahlner J. Risk communication in consultations about hormone therapy in the menopause: concordance in risk assessment and framing due to the context. *Climacteric* 2006;9:347-54.
232. Jones AW, Rössner S. Helnykterist nobbad av alkoholåset. *Läkartidningen* 2006;103:2487-8.
233. Jones AW. Urine as a biological specimen for forensic analysis of alcohol and variability in the urine-to-blood relationship. *Toxicol Rev* 2006;25:15-35.
234. Jones AW, Wigmore JG, House CJ. The course of the blood-alcohol curve after consumption of large amounts of alcohol under realistic conditions. *Can Soc Forensic Sci J* 2006;39:125-40.
235. Josefsson M, Sabanovic A. Sample preparation on polymeric solid phase extraction sorbents for liquid chromatographic-tandem mass spectrometric analysis of human whole blood – a study on a number of beta-agonists and beta-antagonists. *J Chromatogr A* 2006;1120:1-12.
236. Kugelberg FC, Apelqvist G, Carlsson B, Ahlner J, Bengtsson F. Sustained citalopram treatment in experimental hepatic encephalopathy: effects on entrainment to the light-dark cycle and melatonin. *Basic Clin Pharmacol Toxicol* 2006;99:80-8.
237. Kugelberg FC, Alkass K, Kingbäck M, Carlsson B, Druid H. Influence of blood loss on the pharmacokinetics of citalopram. *Forensic Sci Int* 2006;161:163-8.
238. Lisander B, Lundvall O, Tomner J, Jones AW. Enhanced rate of ethanol elimination from blood after intravenous administration of amino acids compared with equicaloric glucose. *Alcohol Alcohol* 2006;41:39-43.
239. Persson IA, Josefsson M, Persson K, Andersson RG. Tea flavanols inhibit angiotensin-converting enzyme activity and increase nitric oxide production in human endothelial cells. *J Pharm Pharmacol* 2006;58:1139-44.
240. Reis M, Kugelberg FC, Carlsson B, Josefsson M, Waldeck B. Stereokemi och läkemedelseffekter – ett försummat kunskapsområde. *Läkartidningen* 2006;103:1305-11.
241. Serup J, Lindblad AK, Maroti M, Kjellgren KI, Niklasson E, Ring L, Ahlner J. To follow or not to follow dermatological treatment – a review of the literature. *Acta Derm Venereol* 2006;86:193-7.

242. Strandberg JJ, Kugelberg FC, Alkass K, Gustavsson A, Zahlén K, Spigset O, Druid H. Toxicological analysis in rats subjected to heroin and morphine overdose. *Toxicol Lett.* 2006;166:11-8.
243. Wålinder J, Prochazka J, Odén A, Sjödin I, Dahl ML, Ahlner J, Bengtsson F. Mirtazapine naturalistic depression study (in Sweden) – MINDS(S): clinical efficacy and safety. *Hum Psychopharmacol* 2006;21:151-8.

2007

244. Druid H, Strandberg JJ, Alkass K, Nyström I, Kugelberg FC, Kronstrand R. Evaluation of the role of abstinence in heroin overdose deaths using segmental hair analysis. *Forensic Sci Int* 2007;168:223-6.
245. Jönsson AK, Holmgren P, Druid H, Ahlner J. Cause of death and drug use pattern in deceased drug addicts in Sweden, 2002-2003. *Forensic Sci Int* 2007;169:101-7.
246. Fazel S, Grann M, Ahlner J, Goodwin G. Suicides by violent means in individuals taking SSRIs and other antidepressants: a postmortem study in Sweden, 1992-2004. *J Clin Psychopharmacol.* 2007;27:503-6.
247. Holmgren A, Holmgren P, Kugelberg FC, Jones AW, Ahlner J. Predominance of illicit drugs and poly-drug use among drug-impaired drivers in Sweden. *Traffic Inj Prev* 2007;8:361-7.
248. Jones AW, Holmgren A, Kugelberg FC. Gamma-hydroxybutyrate concentrations in the blood of impaired drivers, users of illicit drugs, and medical examiner cases. *J Anal Toxicol* 2007;31:566-72.
249. Jones AW. Are changes in blood-ethanol concentration during storage analytically significant? Importance of method imprecision. *Clin Chem Lab Med* 2007;45:1299-304.
250. Jones AW. Body mass index and blood-alcohol calculations. *J Anal Toxicol* 2007;31:177-8.
251. Jones AW. Ultra-rapid rate of ethanol elimination from blood in drunken drivers with extremely high blood-alcohol concentrations. *Int J Legal Med* 2007;122:129-34.
252. Jones AW. Age- and gender-related differences in blood amphetamine concentrations in apprehended drivers: lack of association with clinical evidence of impairment. *Addiction* 2007;102:1085-91.
253. Jones AW, Holmgren A, Kugelberg FC. Concentrations of scheduled prescription drugs in blood of impaired drivers: considerations for interpreting the results. *Ther Drug Monit* 2007;29:248-60.

254. Jones AW, Rössner S. False-positive breath-alcohol test after a ketogenic diet. *Int J Obes* 2007;31:559-61.
255. Jones AW. The distribution of forensic journals, reflections on authorship practices, peer-review and role of the impact factor. *Forensic Sci Int* 2007;165:115-28.
256. Kugelberg FC, Jones AW. Interpreting results of ethanol analysis in postmortem specimens: a review of the literature. *Forensic Sci Int* 2007;165:10-29.
257. Lindberg L, Brauer S, Wollmer P, Goldberg L, Jones AW, Olsson SG. Breath alcohol concentration determined with a new analyzer using free exhalation predicts almost precisely the arterial blood alcohol concentration. *Forensic Sci Int* 2007;168:200-7.
258. Reis M, Aamo T, Ahlner J, Druid H. Reference concentrations of antidepressants. A compilation of postmortem and therapeutic levels. *J Anal Toxicol* 2007;31:254-64.
259. Tjäderborn M, Jönsson AK, Hägg S, Ahlner J. Fatal unintentional intoxications with tramadol during 1995-2005. *Forensic Sci Int* 2007;173:107- 11.
260. Ulf E, Maroti M, Kettis-Lindblad A, Kjellgren KI, Ahlner J, Ring L, Serup J. Single application of a fluorescent test cream by healthy volunteers: assessment of treated and neglected body sites. *Br J Dermatol* 2007;156:974-8.

2008

261. Bendroth P, Kronstrand R, Helander A, Greby J, Stephanson N, Krantz P. Comparison of ethyl glucuronide in hair with phosphatidylethanol in whole blood as post-mortem markers of alcohol abuse. *Forensic Sci Int* 2008;176:76-81.
262. Chermá MD, Reis M, Hägg S, Ahlner J, Bengtsson F. Therapeutic drug monitoring of ziprasidone in a clinical treatment setting. *Ther Drug Monit* 2008;30:682-8.
263. Holmgren A, Holmgren P, Kugelberg FC, Jones AW, Ahlner J. High rearrest rates among drug-impaired drivers despite zero-tolerance legislation. *Accid Anal Prev* 2008;40:534-40.
264. Jones AW, Kugelberg FC, Holmgren A, Ahlner J. Occurrence of ethanol and other drugs in blood and urine specimens from female victims of alleged sexual assault. *Forensic Sci Int* 2008;181:40-6.

265. Jones AW, Holmgren A, Kugelberg FC. Driving under the influence of opiates: concentration relationships between morphine, codeine, 6-acetyl morphine, and ethyl morphine in blood. *J Anal Toxicol* 2008;32:265-72.
266. Jones AW. Alkoholtest på sjukhus inte helt lätt att använda för rättsligt bruk. Omräkning av etanolhalt i plasma eller serum till promillehalt i blod. *Läkartidningen* 2008;105:367-8.
267. Jones AW. Elimination half-lives of benzoylecgonine and MDMA in an apprehended driver. *J Anal Toxicol* 2008;32:197-8.
268. Jones AW, Holmgren A, Kugelberg FC. Driving under the influence of central stimulant amines: age and gender differences in concentrations of amphetamine, methamphetamine, and ecstasy in blood. *J Stud Alcohol Drugs* 2008;69:202-8.
269. Jones AW, Holmgren A, Kugelberg FC. Driving under the influence of cannabis: a 10-year study of age and gender differences in the concentrations of tetrahydrocannabinol in blood. *Addiction* 2008;103:452-61.
270. Jones AW, Holmgren A, Kugelberg FC. Concentrations of cocaine and its major metabolite benzoylecgonine in blood samples from apprehended drivers in Sweden. *Forensic Sci Int.* 2008;177:133-9.
271. Jones AW, Holmgren A, Kugelberg FC. Driving under the influence of gamma-hydroxybutyrate (GHB). *Forensic Sci Med Pathol* 2008;4:205-11.
272. Jones AW, Andersson L. Determination of ethanol in breath for legal purposes using a five-filter infrared analyzer: Studies on response to volatile interfering substances. *J Breath Res* 2008;2 (026006):1-6.
273. Jönsson AK, Brudin L, Ahlner J, Hedenmalm K, Eriksson A, Hägg S. Antipsychotics associated with pulmonary embolism in a Swedish medicolegal autopsy series. *Int Clin Psychopharmacol* 2008;23:263-8.
274. Kronstrand R, Nyström I, Andersson M, Gunnarsson L, Hägg S, Josefsson M, Ahlner J. Urinary detection times and metabolite/parent compound ratios after a single dose of buprenorphine. *J Anal Toxicol* 2008;32:586-93.
275. Roman M, Kronstrand R, Lindstedt D, Josefsson M. Quantitation of seven low-dosage antipsychotic drugs in human postmortem blood using LC-MS-MS. *J Anal Toxicol* 2008;32:147-55.
276. Society of Hair Testing, Cooper G, Moeller M, Kronstrand R. Current status of accreditation for drug testing in hair. *Forensic Sci Int* 2008;176:9-12.
277. Stephanson N, Josefsson M, Kronstrand R, Beck O. Accurate identification and quantification of 11-nor-delta(9)-tetrahydrocannabinol-9-carboxylic acid in urine drug testing: evaluation of a direct high efficiency liquid

chromatographic-mass spectrometric method. *J Chromatogr B Analyt Technol Biomed Life Sci* 2008;871:101-8.

278. Vikingsson S, Kronstrand R, Josefsson M. Retention of opioids and their glucuronides on a combined zwitterion and hydrophilic interaction stationary phase. *J Chromatogr A* 2008;1187:46-52.

2009

279. Carlsson B, Holmgren A, Ahlner J, Bengtsson F. Enantioselective analysis of citalopram and escitalopram in postmortem blood together with genotyping for CYP2D6 and CYP2C19. *J Anal Toxicol.* 2009;33:65-76.
280. Comasco E, Nordquist N, Leppert J, Orelund L, Kronstrand R, Alling C, Nilsson KW. Adolescent alcohol consumption: Biomarkers PEth and FAEE in relation to interview and questionnaire data. *J Stud Alcohol Drugs* 2009;70:797-804.
281. Forsman M, Nyström I, Roman M, Berglund L, Ahlner J, Kronstrand R. Urinary detection times and excretion patterns of flunitrazepam and its metabolites after a single oral dose. *J Anal Toxicol* 2009;33:491-501.
282. Isacson G, Holmgren A, Osby U, Ahlner J. Decrease in suicide among the individuals treated with antidepressants: a controlled study of antidepressants in suicide, Sweden 1995-2005. *Acta Psychiatr Scand* 2009;120:37-44.
283. Jones AW, Kugelberg FC, Holmgren A, Ahlner J. Five-year update on the occurrence of alcohol and other drugs in blood samples from drivers killed in road-traffic crashes in Sweden. *Forensic Sci Int* 2009;186:56-62.
284. Jones AW. Post-mortem toxicology is not quackery when done by qualified practitioners. *J Forensic Leg Med* 2009;16:499-500.
285. Jones AW, Eklund A, Kronstrand R. Concentration-time profiles of gamma-hydroxybutyrate in blood after recreational doses are best described by zero-order rather than first-order kinetics. *J Anal Toxicol* 2009;33:332-5.
286. Jones AW, Holmgren A. Age and gender differences in blood-alcohol concentration in apprehended drivers in relation to the amounts of alcohol consumed. *Forensic Sci Int.* 2009;188:40-5.
287. Jones AW, Erik MP, Widmark bridged the gap between forensic toxicology and alcohol and traffic safety research. *Blutalkohol* 2009;45:15-23.
288. Jones AW, Holmgren A. Concentration distributions of the drugs most frequently identified in post-mortem femoral blood representing all causes of death. *Med Sci Law* 2009;49:257-73.

289. Jones AW. Richard Tecwyn Williams (1909-1979) – an appreciation. *J Anal Toxicol* 2009;33:623-5.
290. Kugelberg FC, Jones AW, Holmgren A, Ahlner J. Höga alkoholhalter vanligt hos kvinnor som anmält sexuellt övergrepp. Viktigt att sjukvården säkrar bevis för utredning av "hjälplost tillstånd". *Läkartidningen* 2009;106:1820-5.
291. Lind AB, Reis M, Bengtsson F, Jonzier-Perey M, Powell Golay K, Ahlner J, Baumann P, Dahl ML. Steady-state concentrations of mirtazapine, N-desmethylnmirtazapine, 8-hydroxymirtazapine and their enantiomers in relation to cytochrome P450 2D6 genotype, age and smoking behaviour. *Clin Pharmacokinet* 2009;48:63-70.
292. Nilsson KW, Orelund L, Kronstrand R, Leppert J. Smoking as a product of gene-environment interaction. *Ups J Med Sci* 2009;114:100-7.
293. Reis M, Aamo T, Spigset O, Ahlner J. Serum concentrations of antidepressant drugs in a naturalistic setting: compilation based on a large therapeutic drug monitoring database. *Ther Drug Monit* 2009;31:42-56.
294. Tjäderborn M, Jönsson AK, Ahlner J, Hägg S. Tramadol dependence: a survey of spontaneously reported cases in Sweden. *Pharmacoepidemiol Drug Saf* 2009;18:1192-8.

2010

295. Zackrisson AL, Lindblom B, Ahlner J. High frequency of occurrence of CYP2D6 gene duplication/multiduplication indicating ultrarapidmetabolism among suicide cases. *Clin Pharmacol Ther* 2010;88:354-9.
296. Ahlner J, Zackrisson AL, Lindblom B, Bertilsson L. CYP2D6, serotonin and suicide. *Pharmacogenomics* 2010;11:903-5.
297. Kugelberg FC, Holmgren A, Eklund A, Jones AW. Forensic toxicology findings in deaths involving gamma-hydroxybutyrate. *Int J Leg Med* 2010;124:1-6.
298. Jones AW, Kugelberg FC. Relationship between blood and urine alcohol concentrations in apprehended drivers who claimed consumption of alcohol after driving with and without supporting evidence. *Forensic Sci Int* 2010;194:97-102.
299. Jones AW. Role of CYP2E1 in the metabolism of ethanol in patients with liver cirrhosis. *Scand J Gastroenterol* 2010;45:382-83
300. Helander A, Ivarsson-Walther R, Jones AW. Bestämning av alkohol i utandningsluft kan ge felvärde – Varning för ospecifik testning med vissa instrument. *Läkartidningen* 2010;107:110-113.

301. Holmgren A, Jones AW. Demographics of suicide victims in Sweden in relation to their blood-alcohol concentration and the circumstances and manner of death. *Forensic Sci Int* 2010;198:17-22.
302. Jones AW. Evidence based survey of the elimination rates of ethanol from blood with applications in forensic casework. *Forensic Sci Int* 2010;200:1-20.
303. Nilsson GH, Kugelberg FC, Kronstrand R, Ahlner J. Stability tests of zopiclone in whole blood. *Forensic Sci Int* 2010;200:130-5.
304. Kronstrand R, Nyström I, Forsman M, Käll K. Hair analysis for drugs in driver's license regranting. A Swedish pilot study. *Forensic Sci Int* 2010;196:55-8.
305. Karlsson L, Schmitt U, Josefsson M, Carlsson B, Ahlner J, Bengtsson F, Kugelberg FC, Hiemke C. Blood-brain barrier penetration of the enantiomers of venlafaxine and its metabolites in mice lacking Pglycoprotein. *Eur Neuropsychopharmacol* 2010;20:632-40.
306. Kingbäck M, Josefsson M, Karlsson L, Ahlner J, Bengtsson F, Kugelberg FC, Carlsson B. Stereoselective determination of venlafaxine and its three demethylated metabolites in human plasma and whole blood by liquid chromatography with electrospray tandem mass spectrometric detection and solid phase extraction. *J Pharm Biomed Anal* 2010;53:583-90.
307. Isacson G, Reutfors J, Papadopoulos FC, Osby U, Ahlner J. Antidepressant medication prevents suicide in depression. *Acta Psychiatr Scand* 2010;122:454-60.
308. Thelander G, Jönsson AK, Personne M, Forsberg GS, Lundqvist KM, Ahlner J. Caffeine fatalities- do sales restrictions prevent intentional intoxications? *Clin Toxicol* 2010;48:354-8.
309. Klinken HB, Müller IB, Steffenrud S, Dahl-Sørensen R. Two cases of lysergamide intoxication by ingestion of seeds from Hawaiian Baby Woodrose. *Forensic Sci Int* 2010;197:e1-5.
310. Wikström, M, Thelander G, Nyström I, Kronstrand R. Two fatal intoxications with the new designer drug methedrone (4-methoxymethcathinone). *J Anal Toxicol* 2010;34:594-8.
311. [Bäckström BG, Classon G, Löwenhelm P, Thelander G. Krypton – ny dödlig Internetdrog. *Läkartidningen* 2010;107:3196-7.](#)
312. Josefsson M, Roman M, Skogh E, Dahl ML. Liquid chromatography-tandem mass spectrometry method for determination of olanzapine and N-desmethylolanzapine in human serum and cerebrospinal fluid. *J Pharm Biomed Anal* 2010;53:576-82.

2011

313. Nilsson GH, Kugelberg FC, Ahlner J, Kronstrand R. Influence of preanalytical conditions on the interpretation of zopiclone concentrations in whole blood. *Forensic Sci Int* 2011;207:35-39.
314. Skogh E, Sjödin I, Josefsson M, Dahl ML. High correlation between serum and cerebrospinal fluid olanzapine concentrations in patients with schizophrenia or schizoaffective disorder medicating with oral olanzapine as the only psychoactive drug. *J Clin Psychopharmacol* 2011;31:4-9.
315. Josefsson, M, Rydberg I. Determination of methylphenidate and ritalinic acid in blood, plasma and oral fluid from adolescents and adults using protein precipitation and liquid chromatography tandem mass spectrometry – a method applied on clinical and forensic investigations. *J Pharm Biomed Anal* 2011;55:1050-9.
316. Karlsson L, Hiemke C, Carlsson B, Josefsson M, Ahlner J, Bengtsson F, Schmitt U, Kugelberg FC. Effects on enantiomeric drug disposition and open-field behaviour after chronic treatment with venlafaxine in the Pglycoprotein knockout mice model. *Psychopharmacology* 2011;215:367-77.
317. Cherma MD, Ahlner J, Bengtsson F, Gustafsson PA. Antidepressant drugs in children and adolescents: analytical and demographic data in a naturalistic clinical study. *J Clin Psychopharmacol* 2011;31:98-102.
318. Selden T, Roman M, Druid H, Kronstrand R. LC_MS-MS analysis of buprenorphine and morbu-prenorphine in whole blood from suspected drug users. *Forensic Sci Int* 2011;209:113-119.
319. Kingbäck M, Carlsson B, Ahlner J, Bengtsson F, Kugelberg FC. Cytochrome p450-dependent disposition of the enantiomers of citalopram and its metabolites: In vivo studies in Sprague-Dawley and Dark Agouti rats. *Chirality* 2011;23:172-7.
320. Jones AW. Leonard Goldberg (1911-2010) – occupant of the first university chair in alcohol research. *Addiction* 2011;106: 672-3.
321. Jones AW. In memory of Professor Leonard Goldberg. *Blutalkohol* 2011;48:23-25.
322. Jones AW, Holmgren A, Kugelberg FC, Ahlner J. Fatal poisoning deaths in Sweden show a predominance of ethanol in mono-intoxications, adverse drug-alcohol interactions and poly-drug use. *Forensic Sci Int* 2011;206: 43-51.
323. Jones AW. Fatality from drinking denatured alcohol and hypothermia. *J Anal Toxicol* 2011;35:316-318.

324. Jones AW. Biomarkers of recent drinking, back extrapolation of bloodalcohol concentration and plasma-to-blood distribution ratio. *J Forensic Leg Med* 2011;18:213-6.
325. Jones AW, Holmgren A. Concentration ratios of free-morphine to freecodeine in femoral blood in heroin-related poisoning deaths. *Legal Med* 2011;13:171-3.
326. Jones AW, Holmgren A, Ahlner J. Quantitative analysis of amphetamine in femoral blood from drug poisoning deaths compared with venous blood from impaired drivers. *Bioanalysis* 2011;3:2195-204.
327. Jones AW. Pharmacokinetics of ethanol – issues of forensic importance. *Forensic Sci Rev* 2011;23:91-136.
328. Jones AW. Early drug discovery and the rise of pharmaceutical chemistry. *Drug Test Anal* 2011;3:337-44.
329. Jones AW. Fifty years of Blutalkohol – an appreciation from Sweden. *Blutalkohol* 2011;48:309-17.
330. Kronstrand R, Roman M, Thelander G, Eriksson A. Unintentional fatal intoxications with mitragynine and O-desmethyltramadol from herbal blend krypton. *J Anal Toxicol* 2011;35:242-7.
331. Helander A, Beck O, Kugelberg FC, Kronstrand R. Kreatininkoncentrationen i urin bör mätas vid drogtestning. *Läkartidningen* 2011;108:1311-4.
332. Mørland J, Steentoft A, Simonsen KW, Ojanperä I, Vuori E, Magnusdottir K, Kristinsson J, Ceder G, Kronstrand R, Christophersen A. Drugs related to motor vehicle crashes in northern European countries: a study of fatally injured drivers. *Accid Anal Prev* 2011;43:1920-6.

2012

333. Jones AW, Holmgren A, Ahlner J. Blood-methadone concentrations in living and deceased persons: variations over time, subject demographics and relevance of co-ingested drugs. *J Anal Toxicol* 2012;36:12-18.
334. Jones AW, Holmgren A, Ahlner J. Concentrations of free-morphine in peripheral blood after recent use of heroin in overdose deaths and in apprehended drivers. *Forensic Sci Int* 2012;215:18-24.
335. Jones, AW, Holmgren A, Ahlner J. Heroin poisoning deaths with 6-acety morphine in blood; demographics of the victims, previous drug-related offences, poly-drug use and free-morphine concentrations in femoral blood. *Forensic Tox* 2012;30:19-24.

336. Jones AW, Book Review "Disposition of toxic drugs and chemicals in man" (9th edition) by Randall C Baselt, Biomedical Publications, Forensic Sci Int 2012;220:291.
337. Jones AW, Holmgren A. Concentration ratios of methamphetamine to amphetamine in blood can help to distinguish methamphetamine use from taking a mixture of the two stimulants. J Anal Toxicol 2012;36:634-7.
338. Jones AW, Holmgren A, Ahlner J. Toxicological analysis of blood and urine samples from female victims of alleged sexual assault. Clin Toxicol 2012;50:551-61.
339. Jones AW, Holmgren A. What non-alcohol drugs are used by drinking drivers in Sweden? Toxicological results from ten years of forensic blood samples. J Safety Res 2012;43:151-6.
340. Jones AW, Holmgren A. Concentrations of zolpidem and zopiclone in venous blood samples from impaired drivers compared with femoral blood from forensic autopsies. Forensic Sci Int 2012;222:118-23.
341. Kronstrand R, Brinkhagen L, Nyström FH. Ethyl glucuronide in human hair after daily consumption of 16-32 g ethanol for 3 months. Forensic Sci Int 2012;215:51-5.
342. Kingbäck M, Karlsson L, Zackrisson AL, Carlsson B, Josefsson M, Bengtsson F, Ahlner J, Kugelberg FC. Influence of CYP2D6 genotype on the disposition of the enantiomers of venlafaxine and its major metabolites in postmortem femoral blood. Forensic Sci Int. 2012;214:124-34.
343. Cooper GA, Kronstrand R, Kintz P. Society of Hair Testing guidelines for drug testing in hair. Forensic Sci Int. 2012;218:20-4.
344. Lood Y, Eklund A, Garle M, Ahlner J. Anabolic androgenic steroids in police cases in Sweden 1999-2009. Forensic Sci Int. 2012;219:199-204.
345. Bastami S, Frödin T, Ahlner J, Uppugunduri S. Topical morphine gel in the treatment of painful leg ulcers, a double-blind, placebo-controlled clinical trial: a pilot study. Int Wound J. 2012;9:419-27.
346. Stamyr K, Thelander G, Ernstgård L, Ahlner J, Johansson G. Swedish forensic data 1992-2009 suggest hydrogen cyanide as an important cause of death in fire victims. Inhal Toxicol 2012;24:194-9.
347. Selden T, Ahlner J, Druid H, Kronstrand R. Toxicological and pathological findings in a series of buprenorphine related deaths. Possible risk factors for fatal outcome. Forensic Sci Int 2012;220:284-90.
348. Hjalmdahl M, Vadbey A, Forsman A, Fors C, Ceder G, Woxler P, Kronstrand R. Effects of d-amphetamine on simulated driving performance before and after sleep deprivation. Psychopharmacology 2012;222:401-11.

2013

349. Bastami S, Norling C, Trinks C, Holmlund B, Walz TM, Ahlner J, Uppugunduri S. Inhibitory effect of opiates on LPS mediated release of TNF and IL-8. *Acta Oncol* 2013;52:1022-33.
350. Boiso Moreno S, Zackrisson AL, Jakobsen Falk I, Karlsson L, Carlsson B, Tillmar A, Kugelberg FC, Ahlner J, Hägg S, Gréen H. ABCB1 gene polymorphisms are associated with suicide in forensic autopsies. *Pharmacogenet Genomics*. 2013;23:463-9.
351. Hsu YC, Chen BG, Yang SC, Wang YS, Huang SP, Huang MH, Chen TJ, Liu HC, Lin DL, Liu RH, Jones AW. Methadone concentrations in blood, plasma, and oral fluid determined by isotope-dilution gas chromatography-mass spectrometry. *Anal Bioanal Chem* 2013;405:3921-8.
352. Jones AW, Harding P. Driving under the influence with blood alcohol concentrations over 0.4 g%. *Forensic Sci Int* 2013;231:349-53.
353. Jones AW, Holmgren A, Ahlner J. Toxicology findings in suicides: concentrations of ethanol and other drugs in femoral blood in victims of hanging and poisoning in relation to age and gender of the deceased. *J Forensic Leg Med* 2013;20:842-7.
354. Jones AW, Holmgren A. Concentrations of alprazolam in blood from impaired drivers and forensic autopsies were not much different but showed a high prevalence of co-ingested illicit drugs. *J Psychopharmacol* 2013;27:276-81.
355. Jones AW, Holmgren A. Concentrations of diazepam and nordiazepam in 1,000 blood samples from apprehended drivers--therapeutic use or abuse of anxiolytics? *J Pharm Pract* 2013;26:198-203.
356. Jones AW, Holmgren A. Amphetamine abuse in Sweden: subject demographics, changes in blood concentrations over time, and the types of coingested substances. *J Clin Psychopharmacol* 2013;33:248-52.
357. Jornil J, Nielsen TS, Rosendal I, Ahlner J, Zackrisson AL, Boel LW, Brock B. A poor metabolizer of both CYP2C19 and CYP2D6 identified by mechanistic pharmacokinetic simulation in a fatal drug poisoning case involving venlafaxine. *Forensic Sci Int* 2013;226: e26-31.
358. Karlsson L, Carlsson B, Hiemke C, Ahlner J, Bengtsson F, Schmitt U, Kugelberg FC. Altered brain concentrations of citalopram and escitalopram in P-glycoprotein deficient mice after acute and chronic treatment. *Eur Neuropsychopharmacol* 2013;23:1636-44.
359. Karlsson L, Green H, Zackrisson AL, Bengtsson F, Jakobsen Falk I, Carlsson B, Ahlner J, Kugelberg FC. ABCB1 gene polymorphisms are

associated with fatal intoxications involving venlafaxine but not citalopram. *Int J Legal Med* 2013;127:579-86.

360. Kronstrand R, Roman M, Andersson M, Eklund A. Toxicological findings of synthetic cannabinoids in recreational users. *J Anal Toxicol* 2013;37:534-41.
361. Kronstrand R, Roman M, Dahlgren M, Thelander G, Wikström M, Druid H. A cluster of deaths involving 5-(2-aminopropyl) indole (5-IT). *J Anal Toxicol* 2013;37:542-6.
362. Kronstrand R, Forsman M, Roman M. A screening method for 30 drugs in hair using ultrahigh-performance liquid chromatography time-of-flight mass spectrometry. *Ther Drug Monit* 2013;35:288-95.
363. Roman M, Ström L, Tell H, Josefsson M. Liquid chromatography/time-of-flight mass spectrometry analysis of postmortem blood samples for targeted toxicological screening. *Anal Bioanal Chem* 2013;405:4107-25.
364. Vikingsson S, Almer S, Peterson C, Carlsson B, Josefsson M. Monitoring of thiopurine metabolites - a high-performance liquid chromatography method for clinical use. *J Pharm Biomed Anal* 2013;75:145-52.
365. Wikström M, Thelander G, Dahlgren M, Kronstrand R. An accidental fatal intoxication with methoxetamine. *J Anal Toxicol* 2013;37:43-6.

Proceedings

366. Jones AW, Jönsson KÅ. Recent advances in the analysis of ethanol in saliva: Evaluation of the QED device. *Proceedings 12th Inter. Conf. Alc. Drugs & Traffic Safety*. Edited by H.D Utzelmann, G Berghaus, and G Kroj. Verlag TÜV, Cologne, 1993:445-51.
367. Jones AW, Jönsson KÅ. Determination of ethanol in breath and estimation of the blood alcohol concentration with Alcolmeter S-D2. *Proceedings 12th Inter. Conf. Alc. Drugs & Traffic Safety*. Edited by H.D Utzelmann, G Berghaus, and G Kroj. Verlag TÜV, Cologne, 1993:423-9.
368. Jones AW. Driving under the influence of alcohol and drugs: Methods of detection and enforcement strategies (in Hungarian). *Symposium on Risk Factors of Traffic Accidents including Alcohol, Budapest, Hungary*, Edited by Tibor Varga, Szeged, 1997 pp. 161-85.
369. Jones AW, Bendtsen P, Helander A. Urinary excretion of methanol and 5-hydroxytryptophol as biochemical markers of hangover. *Proceedings 14th International Conference on Alcohol, Drugs, and Traffic Safety*. Edited by C. Mercier-Guyon, CERMT, Annecy, 1997, pp 255-64.
370. Helander A, Jones AW, Bendtsen P. Urinary methanol and 5-hydroxytryptophol as biochemical markers of recent drinking after alcohol

has been cleared from the body. Proceedings XXXV TIAFT Meeting, Centre for Behavioural Toxicology, University of Padova, Italy, 1997, pp 130-38.

Bokkapitel

371. Jones AW. Forensic science aspects of ethanol metabolism. In: Forensic Science Progress. Edited by A. Mahley and R.L. Williams, Springer Verlag, Berlin 1991, 31-89.
372. Jones AW. Forensic science - Determination of alcohol in body fluids. In: Encyclopedia of Analytical Science, Vol. 3. Edited by A. Townshend. Academic Press, London 1995, pp 1585-94.
373. Jones AW. Pharmacokinetics of Alcohol. In: Encyclopedia of Drugs and Alcohol. Editor in Chief JJ. Jaffe. MacMillan Library Reference, New York, 1995, pp 803-8.
374. Jones AW. Blood alcohol concentration, measures of. In: Encyclopedia of Drugs and Alcohol. Editor in Chief JJ. Jaffe. MacMillan Library Reference, New York, 1995, pp 164-7.
375. Hartelius J, Jones AW. Sweden, drug use in. In: Encyclopedia of Drugs and Alcohol. Editor in Chief JJ. Jaffe. MacMillan Library Reference, New York 1995, pp 1009-11.
376. Jones AW. Biochemistry and physiology of alcohol: Applications in forensic science and toxicology. In: Medicolegal Aspects of Alcohol, Edited by J C. Garriott. Lawyers and Judges Publishing Company, Texas, 1996, pp 85-136
377. Jones AW, Sunshine I. Roger K. Bonnichsen - A great Dane. In: Was it a poisoning? Forensic Toxicologists Searching for Answers, Edited by I Sunshine, 1998, pp 9-11.
378. Jones AW, Sunshine I. Erik MP Widmark and forensic alcohol toxicology. In: Was it a poisoning? Forensic Toxicologists Searching for Answers. Edited by I Sunshine, 1998, pp 81-5.
379. Jones AW, Sunshine I. The Swedish Story. In: Was it a poisoning? Forensic Toxicologists Searching for Answers, Edited by I Sunshine, 1998, pp 151-3.
380. Helander A. Jones AW. Biochemical tests for acute and chronic alcohol ingestion. Chapter 5.4. In: Drug Abuse Handbook, Edited by S. Karch, CRC Press, Boca Raton, 1998, pp 374-94.
381. Pounder DJ, Jones AW. Measuring alcohol postmortem. Chapter 5.3. In: Drug Abuse Handbook, Edited by S. Karch, CRC Press, Boca Raton, 1998, pp 356-74.

382. Jones AW, Pounder DJ. Measuring blood-alcohol concentration for clinical and forensic purposes. Chapter 5.2. In: Drug Abuse Handbook, Edited by S. Karch, CRC Press, Boca Raton, 1998, pp 327-56.
383. Jones AW, Logan B, DUI Defenses. Chapter 13.2. In: Drug Abuse Handbook, Edited by S. Karch, CRC Press Boca Raton, 1998, pp 1006-45.
384. Holmgren P, Ahlner J. Pharmacogenetics for forensic toxicology – Swedish experience. Chapter 28. In: Clinical pharmacogenomics by drug groups, specialities and diseases. Edited by S Wong, AACCC press, 2002, pp 295-9.
385. Kronstrand R, Josefsson M. Quantification using LC-MS. Chapter 8. In: Applications of LC-MS in toxicology. Edited by A. Poletini. Pharmaceutical press, 2006, pp 43-70.
386. Kronstrand R, Scott K. Drug incorporation into hair. Chapter 1 in Analytical and practical aspects of drug testing in hair. Edited by P Kintz, CRC Press Taylor and Francis, 2007, pp 1-23.
387. Kronstrand R, Druid, H. Hair in post-mortem toxicology. Chapter 10 In: Analytical and practical aspects of drug testing in hair. Edited by P Kintz, CRC Press Taylor and Francis, 2007, pp 223-39.
388. Jones AW. Pharmacokinetic and pharmacodynamic interactions between alcohol and other drugs. Chapter 12 in Handbook of Drug Interactions; A Clinical and Forensic Guide, 2nd edition. Edited by A. Mozayani and L. Raymon, Humana Press, Totowa, NJ, 2011, pp 499-586.
389. Jones AW. Driving under the influence of alcohol. In: Clarke's analysis of drugs and poisons, 4th edition Edited by AC. Moffat, MD. Osselton and B. Widdop. Pharmaceutical Press, London 2011, pp 87-114.
390. Levine B, Caplan Y, Jones AW. ALCOHOL, Chapter 13 In: Principles of Forensic Toxicology, 4th edition Edited by B. Levine. AACCC Press, Washington DC, 2013, pp 205-35.

Annat

391. Jones AW, Andersson L, Berglund K, Kopp I. Forensiska aspekter på alkohol bestämning i blod och utandningsluft. Statens kriminaltekniska laboratoriet SKL-Rapport 1998:3 pp 1-54.
392. Jones AW. Hirsch-index for winners of TIAFT's mid-career achievement award. *J Anal Toxicol* 2008;32:327-8.
393. Jones AW. Perspectives in drug discovery. 2. The barbiturates. *TIAFTBulletin* 40:40-41, 2010.

394. Jones AW. Perspectives in drug discovery. 3. The benzodiazepines. TIAFT Bulletin 40: 10-11, 2010.
395. Jones AW. Perspectives in drug discovery. 4. Narcotic analgesics. TIAFT Bulletin 40: 12-14, 2010.
396. Jones AW. Perspectives in drug discovery. 5. Central stimulant amines. TIAFT Bulletin 2011;41:17-9.
397. Jones AW. Perspectives in drug discovery. 6. Antidepressants. TIAFT Bulletin 41: 40-44, 2011.
398. Jones AW. Perspectives in drug discovery. 7. Antipsychotics. TIAFT Bulletin 41: 16-19, 2011.
399. Jones AW. ICADTS Remembers Sir Edward Wayne. The Reporter 22 (1): 6, 2011.
400. Jones AW. ICADTS Remembers Milan Valverius. The Reporter 22 (2): 6, 2011.
401. Jones AW. Reflections on breath alcohol research. IACT Newsletter 22;2-8, 2011.
402. Jones AW. Perspectives in drug discovery. 8. General anesthetics TIAFT Bulletin 42: No 1, 13-16, 2012.
403. Jones AW. Perspectives in drug discovery. 9. Anticoagulants. TIAFT Bulletin 42: No 2 27-31, 2012.
404. Jones AW. Perspectives in drug discovery. 10. Anti alcohol-dependence drugs. TIAFT Bulletin 42: No 3 13-19, 2012.
405. Jones AW. Blood-alcohol analysis by gas chromatography – Fifty years of progress. TIAFT 50th Anniversary Symposium, Alain Verstrase (editor), Academia Press, Gent, 2013, pp 145-167.
406. Jones AW. Perspectives in drug discovery. 11. Miracle medicines. TIAFT Bulletin 44: No 1, 7-14, 2013.
407. Jones AW. Perspectives in drug discovery. 12. Cocaine TIAFT Bulletin 43: No 2, 7-13, 2013.
408. Jones AW. Perspectives in drug discovery. 13. Aspirin and other nonopiate analgesics. TIAFT Bulletin 44: No 3, 7-15, 2013.

2014

409. Ahlner J, Holmgren A, Jones AW. Prevalence of alcohol and drug use and the concentrations in femoral blood of drivers killed in road traffic crashes in Sweden. *Scand. J Public Health* 2014 42;177-183.
410. Bastami S, Haage P, Kronstrand R, Kugelberg FC, Zackrisson AL, Uppugunduri S. Pharmacogenetic aspects of tramadol pharmacokinetics and pharmacodynamics after a single oral dose. *Forensic Sci Int.* 2014 May;238:125-32.
411. Boscolo-Berto R, Favretto D, Cecchetto G, Vincenti M, Kronstrand R, Ferrara SD, Viel G. Sensitivity and specificity of EtG in hair as a marker of chronic excessive drinking: pooled analysis of raw data and meta-analysis of diagnostic accuracy studies. *Ther Drug Monit.* 2014 Oct;36(5):560-75.
412. Hedlund J, Ahlner J, Kristiansson M, Sturup J. A population-based study on toxicological findings in Swedish homicide victims and offenders from 2007 to 2009. *Forensic Sci Int.* 2014 Nov;244:25-9. doi: 10.1016/j.forsciint.2014.07.015. Epub 2014 Jul 25.
413. Isacson G, Ahlner J. Antidepressants and the risk of suicide in young persons--prescription trends and toxicological analyses. 3. *Acta Psychiatr Scand.* 2014 Apr;129(4):296-302. doi: 10.1111/acps.12160. Epub 2013 Jun 17.
414. Jakobsson G, Kronstrand R. Segmental analysis of amphetamines in hair using a sensitive UHPLC-MS/MS method. *Drug Test Anal.* 2014 Jun;6 Suppl 1:22-9.
415. Jones AW, Holmgren A. Concentrations of cocaine and benzoylecgonine in femoral blood in cocaine-related deaths compared with venous blood from impaired drivers. *J Anal Toxicol* 2014 38;46-51.
416. Jönsson AK, Söderberg C, Espnes KA, Ahlner J, Eriksson A, Reis M, Druid H. Sedative and hypnotic drugs--fatal and non-fatal reference blood concentrations. 2. *Forensic Sci Int.* 2014 Mar;236:138-45. doi: 10.1016/j.forsciint.2014.01.005. Epub 2014 Jan 13.
417. Karlsson L, Andersson M, Kronstrand R, Kugelberg FC. Mephedrone, Methylenone and 3,4-Methylenedioxypyrovalerone (MDPV) Induce Conditioned Place Preference in Mice. *Basic Clin Pharmacol Toxicol.* 2014 Apr 16.
418. Kriikku P, Wilhelm L, Jenckel S, Rintatalo J, Hurme J, Kramer J, Jones AW, Ojanperä I. Comparison of breath-alcohol screening test results with venous blood alcohol concentration in suspected drunken drivers. *Forensic Sci Int* 239;57-61, 2014.

419. Kronstrand R, Brinkhagen L, Birath-Karlsson C, Roman M, Josefsson M. LC-QTOF-MS as a superior strategy to immunoassay for the comprehensive analysis of synthetic cannabinoids in urine. *Anal Bioanal Chem.* 2014 Jun;406(15):3599-609.
420. Kronstrand R, Thelander G, Lindstedt D, Roman M, Kugelberg FC. Fatal intoxications associated with the designer opioid AH-7921. *J Anal Toxicol.* 2014 Oct;38(8):599-604.
421. Lahti R, Pitkäniemi J, Jones, AW, Sajantila A, Poikolainen K, Vuori E. Cause and manner of death and phase of the blood alcohol curve. *Forensic Sci Int.* 2014 Sep 28;244C:306-312. doi: 10.1016/j.forsciint.2014.09.015.
422. Nilsson GH, Kugelberg FC, Ahlner J, Kronstrand R. Quantitative analysis of zopiclone, N-desmethylzopiclone, zopiclone N-oxide and 2-amino-5-chloropyridine in urine using LC-MS-MS. *J Anal Toxicol.* 2014 Jul-Aug;38(6):327-34.
423. Nilsson GH, Kugelberg FC, Ahlner J, Kronstrand R. Validation of an LC-MS/MS method for the determination of zopiclone, N-desmethylzopiclone and 2-amino-5-chloropyridine in whole blood and its application to estimate the original zopiclone concentration in stored specimens. *Int J Legal Med.* 2015;129:269-277 doi: 10.1007/s00414-014-1049-2. Epub 2014 Jul 29.