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V. Bibliography

- [1] M. Coppola and R. Mondola, "Synthetic cathinones: Chemistry, pharmacology and toxicology of a new class of designer drugs of abuse marketed as 'bath salts' or 'plant food'," *Toxicol. Lett.*, **211**, 144-149, 2012.
- [2] S. Elliott and C. Smith, "Investigation of the first deaths in the United Kingdom involving the detection and quantitation of the piperazines BZP and 3-TFMPP," *J. Anal. Toxicol.*, **32**, 172-177, 2008.
- [3] K. J. Lusthof, R. Oosting, A. Maes, M. Verschraagen, A. Dijkhuizen and A. G. A. Sprong, "A case of extreme agitation and death after the use of mephedrone in The Netherlands," *Forensic. Sci. Int.*, **206**, e93-e95, 2011.
- [4] J. M. McClean, A. Anspikian and J. W. Tsuang, "Bath Salt Use: A case report and review of the literature," *J. Dual Diagnosis*, **8**, 250-256, 2012.
- [5] B. L. Murray, C. M. Murphy and M. C. Beuhler, "Death following recreational use of designer drug 'bath salts' containing 3,4-methylenedioxypropylvalerone (MDPV)," *J. Med. Toxicol.*, **8**, 69-75, 2012.
- [6] E. Tanaka, T. Kamata, M. Katagi, H. Tsuchihashi and K. Honda, "A fatal poisoning with 5-methoxy-N,N-diisopropyltryptamine, Foxy," *Forensic. Sci. Int.*, **163**, 152-154, 2006.
- [7] H. Torrance and G. Cooper, "The detection of mephedrone (4-methylmethcathinone) in 4 fatalities in Scotland," *Forensic Sci. Int.*, **202**, e62-e63, 2010.
- [8] M. Verschraagen, A. Maes, B. Ruiter, I. J. Bosman, B. E. Smink and K. J. Lusthof, "Post-mortem cases involving amphetamine-based drugs in the Netherlands - Comparison with driving under the influence cases," *Forensic Sci. Int.*, **170**, 163-170, 2007.
- [9] M. Wikstrom, G. Thelander, I. Nystrom and R. Kronstrand, "Two fatal intoxications with the new designer drug methedrone (4-methoxymethcathinone)," *J. Anal. Toxicol.*, **34**, 594-598, 2010.
- [10] S. Zwingenberger, J. Pietsch, A. Hommola and J. Drebler, "Illegal drug-related deaths in East Germany between 1995 and 2004," *Forensic Sci. Int.*, **199**, 58-62, 2010.
- [11] B. J. Warrick, J. Wilson, M. Hedge, S. Freeman, K. Leonard and C. Aaron, "Lethal serotonin syndrome after methylone and butylone ingestion," *J. Med. Toxicol.*, **8**, 65, 2012.
- [12] M. V. Stoica and A. R. Felthouse, "Acute psychosis induced by bath salts: A case report with clinical and forensic implications," *J. Forensic Sci.*, **58**, 530-533, 2013.

