## Cannabis Resources:

- American Society of Crime Laboratory Directors (ASCLD) Position Statement: Industrial Hemp and its Impact to Forensic Laboratories – January 2019 <a href="https://www.ascld.org/resource-library/ascld-policy-library/">https://www.ascld.org/resource-library/ascld-policy-library/</a>
- UNODC ST/NAR/40, 2009. Recommended methods for the identification and analysis of cannabis and cannabis products: <u>Manual for use by National drug analysis laboratories</u>. <u>United Nations</u>.
- Washington State Patrol Forensic Laboratory Services <a href="http://wsp.wa.gov/forensics/crimelab\_docs.php">http://wsp.wa.gov/forensics/crimelab\_docs.php</a>
  - Materials Analysis Manuals Materials Analysis Technical Procedures Revision 4
- B. F. Thomas and M. A. ElSohly; The Analytical Chemistry of Cannabis Quality Assessment, Assurance, and Regulation of Medicinal Marijuana and Cannabinoid Preparations; Emerging Issues in Analytical Chemistry, RTI International (2016).
- M. A. ElSohly; Marijuana and the Cannabinoids; Humana Press (2007).
- L. Ambach, et al; Simultaneous quantification of delta-9-THC, THC-acid, CBN and CBD in seized drugs using HPLC-DAD. Forensic Science International 243 (2014) 107-111.
- L. Ciolino, T. R. Ranieri, and A. M. Taylor; Commercial cannabis consumer products Part 1: GC-MS qualitative analysis of cannabis cannabinoids. Forensic Science International 289 (2018) 429-437.
- L. Ciolino, T. R. Ranieri, and A. M. Taylor; Commercial cannabis consumer products Part 2: HPLC-DAD quantitative analysis of cannabis cannabinoids. Forensic Science International 289 (2018) 438-447.
- R. Stanaszek and D. Zuba; A comparison of developed and validated chromatographic methods (HPLC, GC-MS) for determination of delta-9-tetrahydrocannabinol (Δ9-THC) and delta-9-tetrahydrocannabinolic acid (Δ9-THCA-A) in hemp. Problems of Forensic Sciences 71 (2007) 313-322.
- M. Hadener, et al; Cannabinoid concentrations in confiscated cannabis samples and in whole blood and urine after smoking CBD-rich cannabis as a "tobacco substitute". International Journal of Legal Medicine 133 (2019) 821-832.
- W. Gul, et al; Determination of 11 cannabinoids in Biomass and extracts of different varieties of cannabis using high-performance liquid chromatography. Journal of the AOAC International 98 (2015) 1523-1528.
- S. Zivovinovic, et al; Determination of cannabinoids in Cannabis sativa L. samples for recreational, medicinal, and forensic purposes by reverse-phase liquid chromatographyultraviolet detection. Journal of Analytical Science and Technology 9 (2018) 27-36.
- Wang, et al; Quantitative determination of Δ9-THC, CBG, CBD, their acid precursors and five other neutral cannabinoids by UHPL-UV-MS. Planta Medica 84 (2018) 260-266.
- D. J. Harvey; Mass spectrometry of the cannabinoids and their metabolites. Mass Spectrometry Reviews 6 (1987) 135-229.