

- <https://doi.org/10.1161/circulationaha.115.001593>
- Dias HC, Cordeiro C, Pereira J, et al., 2020. DNA methylation age estimation in blood samples of living and deceased individuals using a multiplex snapshot assay. *Forensic Sci Int*, 311:110267. <https://doi.org/10.1016/j.forsciint.2020.110267>
- Engstrand RD, Moeller G, 1967. Confusion matrix analysis for form perception. *Hum Factors*, 9(5):439-446. <https://doi.org/10.1177/001872086700900507>
- Forat S, Huettel B, Reinhardt R, et al., 2016. Methylation markers for the identification of body fluids and tissues from forensic trace evidence. *PLoS One*, 11(2):e0147973. <https://doi.org/10.1371/journal.pone.0147973>
- Hadrill PR, 2021. Developments in forensic DNA analysis. *Emerg Top Life Sci*, 5(3):381-393. <https://doi.org/10.1042/etls20200304>
- Hao T, Guo J, Liu J, et al., 2021. Predicting human age by detecting DNA methylation status in hair. *Electrophoresis*, 42(11):1255-1261. <https://doi.org/10.1002/elps.202000349>
- Huang H, Liu X, Cheng J, et al., 2022. A novel multiplex assay system based on 10 methylation markers for forensic identification of body fluids. *J Forensic Sci*, 67(1):136-148. <https://doi.org/10.1111/1556-4029.14872>
- Huang S, Cai N, Pacheco PP, et al., 2018. Applications of support vector machine (svm) learning in cancer genomics. *Cancer Genomics Proteomics*, 15(1):41-51. <https://doi.org/10.21873/cgp.20063>
- Kader F, Ghai M, Olaniran AO, 2020. Characterization of DNA methylation-based markers for human body fluid identification in forensics: A critical review. *Int J Legal Med*, 134(1):1-20. <https://doi.org/10.1007/s00414-019-02181-3>
- Lee HY, An JH, Jung SE, et al., 2015. Genome-wide methylation profiling and a multiplex construction for the identification of body fluids using epigenetic markers. *Forensic Sci Int Genet*, 17:17-24. <https://doi.org/10.1016/j.fsigen.2015.03.002>
- Lee JE, Lee JM, Naue J, et al., 2022. A collaborative exercise on DNA methylation-based age prediction and body fluid typing. *Forensic Sci Int Genet*, 57:102656. <https://doi.org/10.1016/j.fsigen.2021.102656>
- Martin NC, Clayson NJ, Scrimger DG, 2006. The sensitivity and specificity of red-starch paper for the detection of saliva. *Sci Justice*, 46(2):97-105. [https://doi.org/10.1016/s1355-0306\(06\)71580-5](https://doi.org/10.1016/s1355-0306(06)71580-5)
- Mattei AL, Bailly N, Meissner A, 2022. DNA methylation: A historical perspective. *Trends Genet*, 38(7):676-707. <https://doi.org/10.1016/j.tig.2022.03.010>
- Pan C, Yi S, Xiao C, et al., 2020. The evaluation of seven age-related cpgs for forensic purpose in blood from chinese han population. *Forensic Sci Int Genet*, 46:102251. <https://doi.org/10.1016/j.fsigen.2020.102251>
- Park JL, Kwon OH, Kim JH, et al., 2014. Identification of body fluid-specific DNA methylation markers for use in forensic science. *Forensic Sci Int Genet*, 13:147-153. <https://doi.org/10.1016/j.fsigen.2014.07.011>
- Sijen T, Harbison S, 2021. On the identification of body fluids and tissues: A crucial link in the investigation and solution of crime. *Genes (Basel)*, 12(11) <https://doi.org/10.3390/genes12111172>
- Tian H, Bai P, Tan Y, et al., 2020. A new method to detect methylation profiles for forensic body fluid identification combining arms-pcr technique and random forest model. *Forensic Sci Int Genet*, 49:102371. <https://doi.org/10.1016/j.fsigen.2020.102371>
- Virkler K, Lednev IK, 2009. Analysis of body fluids for forensic purposes: From laboratory testing to non-destructive rapid confirmatory identification at a crime scene. *Forensic Sci Int*, 188(1-3):1-17. <https://doi.org/10.1016/j.forsciint.2009.02.013>

Supplementary information

Figs. S1-S5