

**Physical Separation of Forensic Mixtures Using  
Laser Microdissection Techniques  
Technology Transition Workshop  
*Relevant Scientific Literature***

1. Anoruo, Belinda, Roland van Oorschot, John Mitchell, and David Howells. "Isolating Cells from Non-sperm Cellular Mixtures Using the PALM<sup>®</sup> Microlaser Micro Dissection System." *Forensic Science International* 173 (2) (December 2007): 93-96.
2. Anslinger, K., B. Bayer, B. Mack, B. Rolf, and W. Eisenmenger. "Digoxigenin Labelling and Laser Capture Microdissection of Male Cells." *International Journal of Legal Medicine* 119 (6) (November 2005): 374-377.
3. Anslinger, K., B. Bayer, B. Mack, and W. Eisenmenger. "Sex-specific Fluorescent Labelling of Cells for Laser Microdissection and DNA Profiling." *International Journal of Legal Medicine* 121 (1) (January 2007): 54-56.
4. Collins, K. A., M. S. Cina, M. J. Pettenati, and M. Fitts. "Identification of Female Cells in Postcoital Penile Swabs Using Fluorescence In Situ Hybridization." *Archives of Pathology & Laboratory Medicine* 124 (7) (July 2000): 1080-1082.
5. Lee, C., W. Rens, and F. Yang. "Multicolor Fluorescence In Situ Hybridization (FISH) Approaches for Simultaneous Analysis of the Entire Human Genome." *Current Protocols in Human Genetics* Chapter 4 (Unit 4.9) (May 2001).
6. Murray, Caroline, Colin McAlister, and Keith Elliott. "Identification and Isolation of Male Cells Using Fluorescence In Situ Hybridisation and Laser Microdissection, for Use in the Investigation of Sexual Assault." *Forensic Science International: Genetics* 1 (3) (December 2007): 247-252.
7. Sanders, Christine T., Nick Sanchez, Jack Ballantyne, and Daniel A. Peterson. "Laser Microdissection Separation of Pure Spermatozoa from Epithelial Cells for Short Tandem Repeat analysis." *Journal of Forensic Sciences* 51 (4) (July 2006): 748-757.
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10. Willenberg, Holger S., Rhodri Walters, and Stefan R. Bornstein, "Use of Laser Microdissection in Complex Tissue," *Methods in Enzymology* 356 (2002): 216-223.