

Recent Publications
JAMES F. LEARY

- [1] Yang, X., Li, X., Prow, T.W. Reece, L.M., Bassett, S.E., Luxon, B.A., Herzog, N.K., Aronson, J., Shope, R.E., Leary, J.F., Gorenstein, D.G. "Immunofluorescence Assay and Flow Cytometric Selection of Bead Bound Aptamers" *Nucleic Acids Research* 31 (10): 1-8, 2003.
- [2] Prow, T.W., Salazar, J.H., Rose, W.A., Smith, J.N., Reece, L.M., Fontenot, A.A., Wang, N.A., Lloyd, R.S., Leary, J.F. "Nanomedicine – nanoparticles, molecular biosensors and targeted gene/drug delivery for combined single-cell diagnostics and therapeutics" *Proc. of SPIE* 5318: 1-11, 2004.
- [3] Szaniszlo, P., Wang, N., Sinha, M., Reece, L.M., Van Hook, J.W., Luxon, B.A., Leary, J.F. "Getting the Right Cells to the Array: Gene Expression Microarray Analysis of Cell Mixtures and Sorted Cells" *Cytometry* 59A: 191-202, 2004.
- [4] Valet, G., Leary, J.F., Tárnok, A. "Cytomics - New Technologies: Towards a Human Cytochrome Project" *Cytometry* 59A: 167-171, 2004.
- [5] Prow, T.W., Kotov, N.A., Lvov, Y.M., Rijnbrand, R., Leary, J.F. "Nanoparticles, Molecular Biosensors, and Multispectral Confocal Microscopy" *Journal of Molecular Histology*, Vol. 35, No.6, pp. 555-564, 2004.
- [6] Smith, J.N., Reece, L.M., Szaniszlo, P., Leary, R.C. Leary, J.F. "Subtractive Clustering Analysis: A Novel Data Mining Method for Finding Cell Subpopulations" *Proc. of SPIE* 5699: 354 – 361, 2005.
- [7] Leary, J.F., Reece, L.M., Yang, X., Gorenstein, D.G. "High-Throughput Flow Cytometric Screening of Combinatorial Chemistry Bead Libraries for Proteomics and Drug Discovery" *Proc. of SPIE* 5692: 216 – 223, 2005.
- [8] Prow, T.W., Rose, W.A., Wang, N., Reece, L.M., Lvov, Y., Leary, J.F. "Biosensor-Controlled Gene Therapy/Drug Delivery with Nanoparticles for Nanomedicine" *Proc. of SPIE* 5692: 199 – 208, 2005.
- [9] Leary, J.F. "Ultra High Speed Cell Sorting" *Cytometry* (In press) 2005