



Akonni Biosystems Publication List

1. M. Doran, D.S. Raicu, J.D. Furst, R. Settimi, M. Schipma and D. P. Chandler. 2007. Oligonucleotide Microarray identification of Bacillus anthracis strains using support vector machines. *Bioinformatics* 23(4): 487 - 492.
2. D. P. Chandler, D. S. Schabacker, S. Bavykin and I. M. Gavin. 2007. Leaving the surface behind: At the intersection of protein microarrays and mass spectrometry. In: *Functional Protein Microarrays in Drug Discovery*. P. Predki, Ed., CRC Press. Boca Raton, FL. pp. 199-216.
3. Siripong S, Kelly JJ, Stahl DA, Rittmann BE. Influence of grid placement on melting profiles obtained from gel-pad microarrays. *Environ Microbiol.* 2007 Jul;9(7):1866-7
4. D. S. Schabacker, I. Stefanovska, I. Gavin, C. Pedrak, and D. P. Chandler. 2006. Protein array staining methods for undefined protein content, manufacturing quality control, and performance validation. *Anal. Biochem.* 359(1): 84-93.
5. E. M. L. Starke, J. C. Smoot, L. M. Smoot, W.-T. Liu, D. P. Chandler, H. H. Lee, and D. A. Stahl. 2006. Technology development to explore the relationship between oral health and the oral microbial community. *BMC Oral Health* 6 (Suppl. 1): S10.
6. Bavykin SG, Lysov YP, Zakhariyev V, Kelly JJ, Jackman J, Stahl DA, Cherni A. Use of 16S rRNA, 23S rRNA, and gyrB gene sequence analysis to determine phylogenetic relationships of Bacillus cereus group microorganisms. *J Clin Microbiol.* 2004 Aug;42(8):3711-30. Erratum in: *J Clin Microbiol.* 2006 Jul;44(7):2676.
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10. M. Gavin, A. Kukhtin, A., D. Glesne, D. Schabacker, and D. P. Chandler. 2005. Analysis of protein interaction and function with a 3-Dimensional MALDI-MS protein array. *BioTechniques*: 39: 99-107.
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- detection reaction and rolling circle amplification on microarrays] *Mol Biol (Mosk)*. 2005 Jan-Feb;39(1):30-9. Russian.
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