Session 10 - Bioinformatics and Functional Genomics III: Focus on Transcriptomics
Chair: Christina Chan
Vice Chair: Agnes Ostafin

10f Microarray and EST database estimates of mRNA expression levels differ: The protein length versus expression curve for C. elegans
Enrique T. Munoz, Leonard D. Bogarad and Michael W. Deem

Session 12 - Bioinformatics and Functional Genomics IV: Focus on Proteomics
Chair: Kenneth F Reardon
Vice Chair: Alfred Gaertner

12e Proposal to Present #12e: A Proteomic Approach to Identify Physiological Changes in E. coli Metabolically Engineered for Enhanced TCE Degradation and Toxicity Reduction
C. M. R. Lacerda, K. F. Reardon, L. Rui and T. K. Wood

Session 128 - Frontiers in Proteomics
Chair: Thomas Kodadek
Vice Chair: George Georgiou

128c Development of new two hybrid system suitable for proteomic study in periplasm of Escherichia coli based on anchored periplasmic expression (APEX) system.
Ki Jun Jeong, Barrett R. Harvey, Brent L. Iverson, George Georgiou, Ki Jun Jeong, Barrett R. Harvey, Brent L. Iverson and George Georgiou

128f Identification of Nuclear Protein Complexes Using Open Tube Capillary Chromatography
P.E. Brown, D.P. Hornby and M.J. Dickman

Session 129 - Poster Session: AES Topical Meeting *
Chair: Annelise E Barron
Vice Chair: Kenneth F Reardon

Session 130 - New Methods for Proteome Analysis *
Chair: Kenneth F Reardon
Vice Chair: Phillip C Wright

Session 131 - Biomedical Applications of Proteomic Technologies *
Chair: Alex Kurosky
Vice Chair: Larry Denner

Session 132 - Poster Session: AES Topical Meeting - Please See Session 129 for Full Listing of Papers *
Chair: Annelise E Barron
Vice Chair: Kenneth F Reardon

Session 133 - AES Plenary Session - (Please Note the Later Start of This Session) *
Chair: Annelise E Barron
Vice Chair: Kenneth F Reardon

Session 134 - Microfluidic Chips for Biomedical Applications
Chair: Adrienne R Minerick
Vice Chair: Rebecca A Zangmeister

134a Dielectrophoretic Capture of Viral Particles from Media of Physiological Ionic Strength
Aristides Docoslis, Luis A. Tercero Espinozab, Barbara A. Israelc, Nicholas L. Abbottb and Paschalis Alexandridisd
134b Long-Range Electrokinetic Bioparticle Trap
Jie Wu and Hsueh-Chia Chang

Session 135 - Poster Session: AES Topical Meeting - Please See Session 129 for Full Listing of Papers *
Chair: Annelise E Barron
Vice Chair: Kenneth F Reardon

Session 136 - Microfluidic Chips for Proteome Analysis
Chair: Andrea Chow
Vice Chair: Steve Jacobson

136b Multi-Dimensional Microchip Electrophoresis of Proteins
Hamed Shadpour and Steven A. Soper

Session 137 - Genomic Assays in Microchannel Electrophoresis Systems
Chair: Victor M Ugaz
Vice Chair: Annelise E Barron

137c Selective DNA screening in microfluidic channels by electrophoresis through hydrogel matrices
Rebecca A. Zangmeister and Michael J. Tarlov

Session 138 - Electrophoretic Biomolecule Analysis on Microfluidic Platforms
Chair: Steven A Soper
Vice Chair: Don Devoe

138a Rapid Determination of Metabolic Markers by Microchip CE-ECD
Charles S. Henry, Carlos D. Garcia, Yan Liu and Jonathan J. Vickers

138b On-Chip CGE Protein Separations with Off-Line MALDI-MS Analysis
Y.-X. Wang, Y. Zhou, J.W. Cooper, Y. Li, C.S. Lee and D.L. DeVoe

Session 139 - Electrokinetics and Microfluidics
Chair: James C Baygents
Vice Chair: Darrell Velegol

139e Nonlinear Effects in Field Amplified Sample Stacking
Rajiv Bharadwaj and Juan G. Santiago

* These papers were unavailable at the time of publication.