



**Molecular and Cellular Immunology & Microscopy and Imaging Cores  
in Conjunction with  
eBioscience, an Affymetrix Company Present:**

## **Innovative Solutions for Quantitative Gene and Protein Expression – Visualize Whole Populations to the Single Cell- with Luminex, Flowcytometry, and Microscopy**

*Quantify and visualize gene expression in cells, tissue lysates and paraffin-embedded tissues or fixed cells using the power of branched DNA technology, providing signal amplification at the core of the QuantiGene® assay portfolio.*

*Detection of up to 80 targets within the same sample on a Luminex® platform, direct from lysate, provides a simplified means to screen relevant RNA transcript(s) and quantify RNA presence within particular cell populations.*

*Then further study heterogeneous population trends at single cell resolution with advanced flow cytometry and microscopy. Simultaneously detect RNA and protein in millions of single cells with the PrimeFlow™ RNA Assay, for unparalleled multi-parameter cellular analysis.*

*And visualize single-copy RNA transcripts within adherent and suspended single cells or single cells in tissue sections using ViewRNA® In Situ Hybridization (ISH) Cell and Tissue Assays, for molecular detection within morphologic al context.*

*Combine this powerful workflow to enable new biologic insights that have never before been possible.*

**Colin Fitzpatrick, M.S.  
Quantigene Specialist –eBioscience, an Affymetrix Company  
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10am  
MEB 304**

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