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### Issue #03, July 2008 Shows & Events

#### Article

##### *A Novel Method to Count Chromosome Copy Numbers in Single Cells*

Digital Counting (DigC), a new method to determine copy numbers at the single cell level, offers high accuracy in a simpler and quicker workflow than both FISH and digital PCR. *Genetic Engineering and Biotechnology News* published a tutorial on DigC and how Advalytix applied the technique to reliably detect Trisomy 21 from single human fibroblasts. Read about this and broad applications for prenatal, oncology and other clinical tests that call for reliably counting copy numbers between 0 and 5.



[Read Article](#)

#### *See the AmpliGrid System*

Advalytix representatives will be attending the following conferences and exhibits – and are available to discuss the benefits of the AmpliGrid platform with you. [Contact us](#) to arrange an appointment, or stop by our booth.

#### North America

- 15th International RUNX Workshop  
Provincetown, MA  
Sep 14-17 2008
- 23rd Annual Clinical Cytometry Meeting  
Portland, OR  
Oct 10-14 2008

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#### Application Report

##### *A Convenient Workflow for Quantitative Gene Expression Analysis in Single Cells*

Convenient and reproducible may not be the first words that come to mind when performing RT-PCR on single cells, but a new protocol from Advalytix demonstrates a convenient workflow with reproducible results. Download our Application Report, “Quantitative RT-PCR from one single cell using the AmpliGrid technology,” to discover how you can harness the sensitivity of the AmpliGrid platform using our qPCR reverse transcription protocol.



#### Europe

- Stem Cells Europe, Booth #20  
Amsterdam  
Sep 1-3 2008
- RNAi Europe, Booth #41  
Stockholm  
Sep 16-18 2008
- Advances in PCR, Booth #41  
Stockholm  
Sep 17-18 2008

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- Biotechnica 2008



Hanover, Germany  
Oct 7-9 2008

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## News

***“AmpliGrid Certified”  
Program for Accurate  
Single Cell Placement  
for Molecular Analysis  
via Flow Cytometry***



Flow cytometry facilities that demonstrate a 90% or better success rate of placing single cells into the reaction site of the 1  $\mu$ l AmpliGrid PCR slides can now earn AmpliGrid certification. The “AmpliGrid Certified” label has already been bestowed upon flow cytometry facilities at several leading organizations. Find out how AmpliGrid integrates seamlessly with flow sorters and provides the sensitivity for successful downstream single cell molecular analysis.

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