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## AMERICAS

### COMING SOON:

#### Ion Torrent™ Seminar Series

August 29 | Raleigh, NC/  
San Diego, CA/ New York, NY

August 30 | Houston, TX/San  
Francisco, CA/Boston, MA

August 31 | Chicago, IL/Seattle,  
WA/Bethesda, MD

#### [HUMAN GENOME VARIATION AND COMPLEX GENOME ANALYSIS \(HGV2011\)](#)

September 8–11 | Berkeley, CA

#### [American Society for Human Genetics](#)

October 11–15 | Montreal, CA

#### [SBG Brazilian Congress of Genetics](#)

August 30–September 2, 2011  
São Paulo, BR

## EMEA

#### [European Ion Torrent™ and SOLiD® Sequencing User Group Meetings](#)

October 25–27, 2011  
Berlin, Germany



## SOLiD® System Success

### Turning experience into a target enrichment sensation

With exome content developed by Baylor College of Medicine and optimized for superior performance with the 5500 Series Genetic Analysis and SOLiD® Systems, the Life Technologies TargetSeq™ Enrichment Kits enable higher sample throughput and provide an economical enrichment solution. Act quickly to take advantage of a special introductory price.

[Learn more](#)

## SOLiD® News

### Scientists identify E. coli 0104 and develop tests in record time

In tackling the recent E. coli outbreak in Germany, Life Technologies developed custom assays for qPCR detection in food samples, and scientists using the power of semiconductor sequencing and Sanger sequencing-based screening identified the virulent strain in days, not weeks. This transcontinental rapid response raised the bar in the fight against emerging pathogenic threats.

[Learn more](#)



## SOLiD® Community

### Per lane sequencing has arrived

Life Technologies proudly announces the arrival of 5500 Series Genetic Analysis Systems with pay-per-lane and application-per-lane sequencing for every researcher. The systems are shipping and being installed at sites now.

See where 5500 Genetic Analyzers are being used and hear what the proud new owners have to say by visiting [the SOLiD® Community](#).



## APAC

[QMB - Queenstown Molecular Biology Meetings](#)

August 28–September 2  
New Zealand

[NGS Asia Conference](#)

October 1–2, 2011  
Singapore

[NGS Symposium Asia](#)

October 3–4, 2011  
Singapore

[FAOBMB Conference – Federation of Asian and Oceanian Biochemists and Molecular Biologists](#)

October 5–7, 2011  
Biopolis, SG

[AMATA - Australasian Microarray and Associated Technologies Conference](#)

October 9–12, 2011  
Canberra, AU



\*From Whole-Genome Sequencing for Optimized Patient Management, Bainbridge M. et al. Sci Transl Med (2011); DOI: 10.1126/scitranslmed.3002243. Reprinted with permission from AAAS.

## SOLiD® Science

### Revealing the genetics of disease

Whole Genome sequencing of twins with dopamine responsive dystonia finds compound heterozygote mutations in the gene responsible for production of a cofactor used to make serotonin and dopamine (SPR). This genomic information was validated via Sanger sequencing, and the validated variants highlighted additional molecules that could be targeted in disease research.\*

[Read more](#)



## SOLiD® Training

### New curriculum for SOLiD® sequencing at Life Technologies University

Take advantage of a variety of learning options for the 5500 Series Genetic Analyzers and LifeScope™ Genomic Analysis Software, including recorded and live webinars, on-site consulting, and training courses at our Application Support Centers.

[Find courses](#)



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